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OSCAR HINRICHS
CARE, UNITED STATES MINT
DENVER, COLORADO

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DENVER, COLORADO

ANNUAL REPORT OF THE

Director of the Mint

FOR THE FISCAL YEAR
ENDED JUNE 30

1931

INCLUDING REPORT ON

The Production of the Precious Metals

DURING THE CALENDAR YEAR

1930

UNITED STATES
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TREASURY DEPARTMENT

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Director of the Mint

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PART I

REPORT OF THE DIRECTOR ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1931

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REPORT OF THE DIRECTOR ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1931

REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 22, 1931.

SIR: In compliance with the provisions of section 345, Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1931, being the fifty-ninth annual report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this bureau upon the production and consumption of the precious metals in the United States for the calendar year 1930.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the mint service

During the fiscal year ended June 30, 1931, 10 mint-service institutions were in operation; coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which makes large sales of fine gold bars; mints at New Orleans and Carson City conducted as assay offices; and assay offices at Boise, Helena, Seattle, and Salt Lake City. The six last-named institutions are, in effect, bullion-purchasing agencies for the large institutions and also serve the public by making assays of ores and bullion. Electrolytic refineries are operated at the New York, Denver, and San Francisco institutions.

Coinage

The domestic coinage executed during the past fiscal year was the smallest in both value and pieces for many years, notwithstanding the 84,181,000 bronze 1-cent pieces (value $841,810) made to replenish stock. The total number of domestic pieces executed was 98,236,500, with value $6,615,110, as compared with the prior year's 399,467,200 pieces valued at $16,278,180. Gold coin valued at $4,570,000 was made to clean up small lots of partially worked metal; the subsidiary silver coinage totaled $795,300 face value, and 5-cent nickel coins had face value of $408,000.

The foreign coinage executed likewise was of small volume, 2,355,120 pieces of gold and silver, made at the Philadelphia Mint, comparing with the prior year's 3,485,000 pieces of silver, nickel, and bronze.

The grand totals of pieces executed compare as follows: Fiscal year 1931, 100,591,620; 1930, 402,952,200.

Gold operations

Gold acquired by the Government at the several mint-service institutions during the fiscal year 1931 totaled $210,791,181.04; United States gold coin received by the mints for recoinage amounted to $3,358,729.61; transfers of gold between mint offices totaled

$10,563,728.38; the aggregate amount of gold received by the several mint-service institutions during the fiscal year 1931 was $224,713,639.03, which compares with $457,045,562.62 during the prior year.

Silver operations

Receipts of purchased silver during the fiscal year 1931 totaled 2,193,313.53 fine ounces, the average cost of which was 32.61 cents per ounce, total cost being $715,231.83. This includes 999,350.34 fine ounces refined silver bought in the open market for coinage. Silver received in exchange for bars bearing the Government stamp totaled 1,368,000.79 fine ounces; United States silver coin received for recoinage totaled 3,615,195.75 fine ounces, the recoinage value being $4,997,678.59; silver deposited in trust by other governments totaled 569,061.57 fine ounces; and transfers between mint-service offices totaled 106,327.60 fine ounces, making the aggregate quantity of silver received by the several mint-service offices during the fiscal year 7,851,899.24 fine ounces, as compared with 10,035,781.97 ounces during the prior year.

The New York market price of silver during the fiscal year ended June 30, 1931, averaged $0.31879; the lowest price was $0.260625, on February 16, 1931, the lowest ever recorded, and the highest price $0.373125, on September 18, 1930. London's lowest price of 12 pence per standard ounce was recorded February 9, 1931.

Refineries

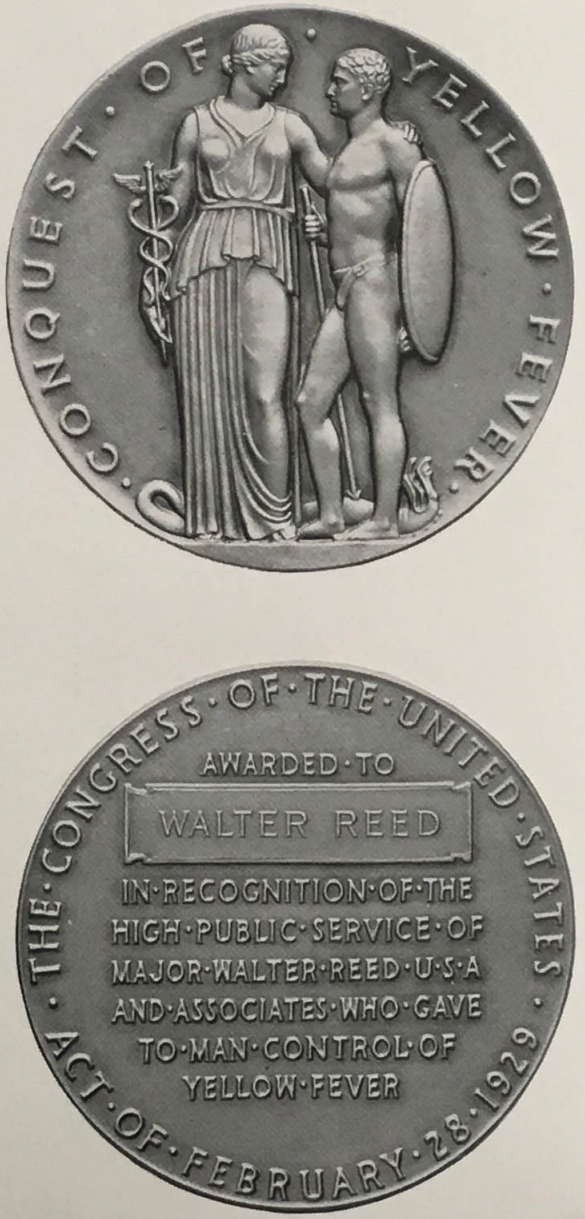
The refinery at the New York assay office was not operated during the fiscal year just past. In anticipation of moving into a new building being constructed outside the congested financial district the refinery was dismantled and a thorough clean-up made for recovery of metals absorbed by apparatus, etc. The refineries operated at Denver and San Francisco produced 1,365,444 fine ounces (46.8 tons) of electrolytically refined gold during the past fiscal year, which compares with 94.47 tons in the prior year from the three refineries; and 1,811,491 fine ounces (62.1 tons) of electrolytically refined silver, which compares with 108.2 tons during the prior year from the three refineries.

The stock of gold and silver in unrefined bullion on hand was increased during the past year by about 89 tons, to 529 tons, as compared with the prior year's increase of about 28 tons.

Additions and improvements

The following improved devices were introduced in the mint institutions during the fiscal year under review:

Electric melting of gold and silver deposits has been established as regular practice at the Philadelphia mint and New York assay office. This became possible as the result of improvements in design and modernization of equipment for electric induction melting, together with the commercial manufacture of suitable crucibles, of carbon bonded silica carbide. At Philadelphia the installation consists of two furnaces that accommodate standard No. 20 crucibles and three smaller furnaces. These provide for the melting of all deposits weighing up to 1,200 ounces. The installation at New York is a temporary arrangement pending removal to the new building being erected.



WALTER REED MEDAL

This type of melting results in much lower heat-radiation with corresponding greater comfort for personnel, reduces melting losses of precious metals, and increases uniformity of mixture of the bars produced. Costs compare favorably with other means of producing melting temperatures when full operation of the institution gives high electric current consumption with resulting low unit costs of current.

The grinding device used at the Philadelphia mint in lieu of filing, for smoothing the edges of silver coinage ingots, as finally adopted consists of a well housed pair of special alundum wheels on the ends of the same mandrel, mounted on a bench. The work is done better, much faster, and less laboriously, and without scattering the silver more than does filing. The fine particles are separated from the coarse and fire-refined before being used again for coinage ingots, while coarse particles do not require preliminary treatment.

Number of employees

The small demand for coin has made it possible to refrain from filling a number of positions which became vacant by reason of retirement, death, and resignation, with the result that the roster of mint service employees is shorter than for a long series of years. The number on the rolls June 30, 1931, was 612, which compares with 652 one year earlier, a reduction of 40.

Walter Reed Medal

The Congress of the United States, by act approved February 28, 1929, awarded gold medals of honor to Maj. Walter Reed and his associates, in recognition of the high public service rendered and disabilities contracted in the interest of humanity and science as voluntary subjects for experimentation during yellow fever investigations in Cuba. The medal is illustrated on the opposite page. The design, by Thomas H. Jones, shows two figures, standing, the first representing medical science, garbed in the classic tunic, holding in her right hand the caduceus, and with her left arm in a gesture of protection of the soldier upon the right, who bears a lance and shield. At their feet in the background is a figure symbolizing pestilence defeated. Around the border, the inscription "Conquest of yellow fever."

Stock of Coin and Monetary Bullion in the United States

On June 30, 1931, the estimated stock of domestic coin in the United States was $2,673,898,415, of which $1,698,433,690 was gold, $539,958,327 standard silver dollars, $308,619,365 subsidiary silver coin, and $126,887,033 minor coin.

The stock of gold bullion in the mints, assay offices, and Federal reserve banks on the same date was valued at $3,257,487,409, an increase during the year of $218,927,208; the stock of silver bullion was 16,323,703.50 fine ounces, an increase of 5,194,146.43 fine ounces.

Production of Gold and Silver

Domestic gold production during the calendar year 1930 was $47,247,600, as compared with $45,651,400 in 1929. The output has declined to about 47 per cent of that for the record year 1915, when the total was $101,035,700.

Silver of domestic production during 1930 totaled 50,748,127 ounces, valued at $19,538,029; this compares with 61,327,868 ounces, valued at $32,687,754, for 1929, and with the record production of 1915, 74,961,075 fine ounces, valued at $37,397,300.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1930 is estimated at $42,689,379, of which $15,177,739 was new material.

Silver used in the arts is estimated at 36,343,207 fine ounces, of which 26,874,378 fine ounces was new material.

As compared with the prior year, silver consumption was about 6,000,000 ounces less and gold consumption about $14,200,000 less.

Import and Export of Domestic Gold Coin

The net import of domestic gold coin during the fiscal year ended June 30, 1931, according to statistics compiled by the Bureau of Foreign and Domestic Commerce, was $213,742,550; during the prior fiscal year there was net import of $92,264,082. During the 17 fiscal years 1915–1931, since the opening of the World War, there has been a net export of $808,886,520. Since 1870 the net export of domestic gold coin has been $1,686,535,584, as per tabulation by fiscal years, which may be found in another section of this volume.

Appropriations, Expenses, and Income

Appropriations available for mint service during the fiscal year 1931 totaled $1,689,160, and reimbursements to appropriations for services rendered amounted to $58,344.04, making a total of $1,747,504.04.

Expenses amounted to $1,558,584.65, of which $1,531,570.22 was chargeable to appropriations and $27,014.43 chargeable to income.

The income realized by the Treasury from the mint service aggregated $1,624,411.09, of which $1,138,698.29 was seigniorage. The seigniorage on subsidiary silver coin was $128,337.64; on nickel coin, $285,977.38; and on bronze coin, $724,383.27.

Summary of appropriations, expenses, and balances, fiscal year 1931

Items	Salaries and expenses	Transportation of bullion	Total
Appropriations	$1,679,160.00	$10,000.00	$1,689,160.00
Earnings credited to appropriations	58,344.04		58,344.04
Total available	1,737,504.04	10,000.00	1,747,504.04
Expenses	1,528,488.01	3,082.21	1,531,570.22
Unexpended balances	209,016.03	6,917.79	215,933.82

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1931

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1931, and the number of employes on June 30, 1931, at each institution are shown in the following table:

Institutions	Number of deposits of gold and silver	Number of mint service transfers	Coining value of gold and silver received	Gross income	Gross expense	Excess of income (+) or of expense (−)	Employees June 30, 1931
Philadelphia	7,463	247	$18,140,684.13	$761,586.64	$657,880.48	+$103,706.16	272
San Francisco	9,043	952	84,237,704.00	452,149.88	263,132.57	+189,017.31	101
Denver	2,596	92	15,711,453.13	192,524.49	198,482.50	−5,958.01	79
New York	13,021	----	107,417,905.88	221,223.02	332,199.61	−110,976.59	117
New Orleans	362	----	336,738.44	638.19	15,162.61	−14,524.42	7
Carson City	266	----	152,204.10	526.92	6,342.46	−5,815.54	3
Boise	287	----	382,926.34	1,234.40	7,059.51	−5,825.11	4
Helena	244	----	58,667.81	641.79	6,661.49	−6,019.70	3
Seattle	1,470	----	9,619,441.58	2,320.34	31,376.41	−29,056.07	11
Salt Lake City	55	----	14,833.76	311.50	4,372.67	−4,061.17	2
Total	34,807	1,291	236,072,559.17	1,633,157.17	1,522,670.31	+110,486.86	599
Bureau of the Mint	----	----	----	----	44,660.42	−44,660.42	13
Grand total	34,807	1,291	236,072,559.17	1,633,157.17	1,567,330.73	+65,826.44	612
Prior fiscal year	35,861	24,752	469,637,442.99	8,468,174.01	1,715,935.77	+6,752,238.24	652

Domestic coinage

Details of the coinage executed during the fiscal year ended June 30, 1931, follow:

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Double eagles	----	$1,480,000	$2,130,000	$3,610,000	180,500
Eagles	----	960,000	----	960,000	96,000
Total gold	----	2,440,000	2,130,000	4,570,000	276,500
Quarter dollars	----	389,000	----	389,000	1,556,000
Dimes	$222,000	184,300	----	406,300	4,063,000
Total silver	222,000	573,300	----	795,300	5,619,000
5-cent nickels	198,550	209,450	----	408,000	8,160,000
1-cent bronze	638,290	38,720	164,800	841,810	84,181,000
Total minor	836,840	248,170	164,800	1,249,810	92,341,000
Total coinage, value	1,058,840	3,261,470	2,294,800	6,615,110	----
Total coinage, pieces	70,020,000	11,630,000	16,586,500	----	98,236,500
Prior year:					
Total coinage, value	11,576,690	2,609,590	2,091,900	16,278,180	----
Total coinage, pieces	288,687,000	56,259,000	54,521,200	----	399,467,200

Purchase of Minor-Coinage Metal for use in Domestic Coinage

During the fiscal year 1931 minor-coinage metals were purchased totaling 13,523,256.25 troy ounces, at a cost of $102,770.17, as below:

Mint	Troy ounces	Cost
Philadelphia	9,518,089.59	$71,317.41
San Francisco	1,554,102.08	12,239.87
Denver	2,451,064.58	19,212.89
Total	13,523,256.25	102,770.17

Minor-Coin Distribution Costs

The minor-coinage distribution costs paid during the fiscal year 1931 from the profits on minor coinage amounted to $25,843.09, as follows:

Transportation	$18,795.70
Insurance	14.86
Containers	7,032.53
Total	25,843.09

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1931. Minor coins were first manufactured at the Philadelphia Mint in 1793; at the San Francisco Mint in 1908; at the Denver Mint in 1911.

Items	Coined	On hand at mints	Issued	Melted	Amount issued and outstanding June 30, 1931
Philadelphia Mint:					
Copper half cents [1]	$39,926.11		$39,926.11	$0.64	$39,925.47
Copper cents	1,562,887.44		1,562,887.44	383,019.06	1,179,868.38
Copper-nickel cents	2,007,720.00		2,007,720.00	808,482.39	1,199,237.61
Bronze cents	47,276,076.83	$1,078,873.60	46,197,203.23	1,119,249.28	45,077,953.95
Bronze 2 cents	912,020.00		912,020.00	343,215.48	568,804.52
Nickel 3 cents	941,349.48		941,349.48	287,017.36	654,332.12
Nickel 5 cents	68,191,573.10	1,487,175.21	66,704,397.89	6,875,890.40	59,828,507.49
Total	120,931,552.96	2,566,048.81	118,365,504.15	9,816,874.61	108,548,629.54
San Francisco Mint					
Bronze cents	4,824,720.00	447,640.00	4,377,080.00	28,483.88	4,348,596.12
Nickel 5 cents	4,339,150.00	666,850.90	3,672,299.10	187,375.69	3,484,923.41
Total	9,163,870.00	1,114,490.90	8,049,379.10	215,859.57	7,833,519.53
Denver Mint:					
Bronze cents	5,124,000.00	202,414.88	4,921,585.12	25,707.78	4,895,877.34
Nickel 5 cents	5,718,015.00	191,418.05	5,526,596.95	349,749.05	5,176,847.90
Total	10,842,015.00	393,832.93	10,448,182.07	375,456.83	10,072,725.24
Grand total	140,937,437.96	4,074,372.64	136,863,065.32	10,408,191.01	126,454,874.31
Deduct $5.05 copper cents, $20.02 bronze 2-cent pieces, and $95.31 nickel 3-cent pieces melted at San Francisco Mint, coined at Philadelphia Mint				$120.38	
Deduct $12.32 bronze 2-cent pieces and $1.38 nickel 3-cent pieces melted at Denver mint, coined at Philadelphia Mint				13.70	
					134.08
Total amount outstanding					126,454,740.23

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Operations of the Assay Departments

The principal work of the assay departments of the coinage mints and the assay office at New York during the fiscal year 1931 is summarized as follows (number of items):

Items	Philadelphia			San Francisco		
	Samples	Assays	Reports	Samples	Assays	Reports
Silver purchases (fine bars)	943	943	943			
Deposits and other purchases	16,741	57,596	6,987	22,473	83,274	9,360
Redeposits				2,024	4,687	672
Gold-coinage ingots	24	34	8			
Silver-coinage ingots	298	302	149	268	340	132
Refinery				5,210	9,445	1,537
Melting and refining department	1,411	1,576	709			
Coining department	6	22	3	14	48	6
Assayer's bars				49	189	18
Proof gold	20	173	9			
Annual assay commission coin test	41	66	38			
Special assays of bullion and ores	28	271	28	78	665	78
Silver bars and ingots for foreign coinage	410	482	203			
Mass melts	392	1,105	95	512	1,550	68
Sweeps	4	14	3	13	148	13
Miscellaneous	517	841	412	154	385	133
Total	20,835	63,425	9,587	30,795	100,731	12,017

Items	Denver			New York		
	Samples	Assays	Reports	Samples	Assays	Reports
Deposits and other purchases	8,224	36,709	2,709	33,562	104,572	13,250
Redeposits	365	1,080	99			
Refinery	1,943	4,562	605	810	1,726	221
Melting and refining department	413	890	161			
Coining department	12	31	4			
Assayer's bars	30	98	16			
Special assays of bullion and ores	8	16	4	304	1,526	152
Mass melts				434	1,275	103
Sweeps	41	693	31	130	472	32
Miscellaneous	243	1,171	224	358	2,153	170
Total	11,279	45,250	3,853	35,598	111,724	13,928

Proof Bullion (1.000 Fine)

In order to establish uniformity in assay of bullion in the offices of the mint service all proof gold and proof silver is made at the mint at Philadelphia and furnished to other offices when required.

The amount made during the fiscal year 1931 was: Gold, 338 ounces.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1931

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1931, was 12.8 million fine ounces of gold and 13.2 million fine ounces of silver. There were also operated upon at the coinage mints 41.5 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative officers, as prescribed in section 3542, Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ozs.	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*
Philadelphia mint:							
Melting and refining	1,206,805	1,207,906	316.860	1,207	1,101		
Coining	770,995	770,996	151.005	386	1		
San Francisco mint:							
Melting and refining	6,028,210	6,029,110	2,492,895	6,028	900		
Coining	194,921	194,931	194,917	97	10		
Denver mint:							
Melting and refining	2,307,110	2,307,113	1,831,122	2,307	3		
Coining	148,466	148,470	148,470	74	4		
New York assay office:							
Melting and refining	9,952,807	9,954,074	7,633,860	9,953	1,267		
Total melting and refining	19,494,932	19,498,203	12,274,737	19,495	3,271		
Total coining	1,114,382	1,114,397	494,392	557	15		
Grand total	20,609,314	20,612,600	12,769,129	20,052	3,286		

SILVER BULLION

Institution and department							
Philadelphia mint:							
Melting and refining	5,761,665	5,760,762	4,275,020	8,642		903	0.2112
Coining	1,317,959	1,317,759	1,081,261	1,318		200	.1850
San Francisco mint:							
Melting and refining	3,018,269	3,017,352	1,731,999	4,527		917	.5294
Coining	777,635	777,623	633,843	778		12	.0189
Denver mint:							
Melting and refining	4,083,736	4,083,816	3,411,639	6,126	80		
Coining	26,245	26,245		26			
New York assay office:							
Melting and refining	3,281,279	3,284,640	2,108,913	4,922	3,361		
Total melting and refining	16,144,949	16,146,570	11,527,571	24,217	3,441	1,820	
Total coining	2,121,839	2,121,627	1,715,104	2,122		212	.1236
Grand total	18,266,788	18,268,197	13,242,675	26,339	3,441	2,032	

NICKEL COINAGE METAL

Institution and department	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*
Philadelphia mint:							
Melting and refining	4,255,080	4,245,918	2,971,382			9,162	3.0834
Coining	5,071,019	5,067,087	1,771,120			3,932	2.2201
San Francisco mint:							
Melting and refining	2,321,286	2,319,481	966,616			1,805	1.8673
Coining	965,246	964,163	964,811			1,083	1.1225
Denver mint:							
Melting and refining	1,715,834	1,715,008	281,915			826	2.9300
Coining	585,721	585,721					
Total melting and refining	8,292,200	8,280,407	4,219,913			11,793	2.7946
Total coining	6,621,986	6,616,971	2,735,931			5,015	1.8330
Grand total	14,914,186	14,897,378	6,955,844			16,808	2.4164

BRONZE COINAGE METAL

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ozs.	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*
Philadelphia mint:							
Melting and refining	20,801,429	20,716,708	16,415,784			84,721	5.1609
Coining	19,025,672	19,018,634	12,490,188			7,038	.5635
San Francisco mint:							
Melting and refining	1,927,880	1,926,896	566,775			984	1.7361
Coining	565,922	565,747	565,792			175	.3093
Denver mint:							
Melting and refining	3,792,554	3,790,484	2,285,458			2,070	.9057
Coining	2,348,191	2,347,798	2,235,047			393	.1758
Total melting and refining	26,521,863	26,434,088	19,268,017			87,775	4.5555
Total coining	21,939,785	21,932,179	15,291,027			7,606	.4974
Grand total	48,461,648	48,366,267	34,559,044			95,381	2.7599

Ingot Melts Made

The following statement shows, for the fiscal year 1931, the number of melts made for ingots and the weight of metal involved.

Item	Number of melts			Weight of metal		
	Passed first melting	Remelted	Condemned	Melted	Passed	Per cent passed
				Fine ounces	*Fine ounces*	
Gold: Philadelphia mint	8			50,198	48,864	97.34
Silver:						
Philadelphia mint	123	2		855,392	818,364	95.67
San Francisco mint	130		2	528,256	514,760	97.45
Total	253	2	2	1,383,648	1,333,124	96.35
				Gross ounces	*Gross ounces*	
Nickel:						
Philadelphia mint	916			2,971,382	2,866,625	96.47
San Francisco mint	296			966,616	964,811	99.81
Denver mint	84			281,915	273,992	97.19
Total	1,296			4,219,913	4,105,428	97.29
Bronze:						
Philadelphia mint	4,999			16,415,784	15,595,916	95.01
San Francisco mint	146			566,775	565,792	99.83
Denver mint	665			2,285,458	2,252,576	98.56
Total	5,810			19,268,017	18,414,284	95.57

Refining Operations

The net product of electrolytically refined gold and silver of the mint service during the fiscal year 1931 was 3,176,934.717 fine ounces; other electrolytic output included the equivalent of the refined metals used for aiding the processes, 613,828.215 fine ounces; the product of melting operations (only) totaled 2,740,722.381 fine ounces, making the total output of the refineries 6,531,485.313 fine ounces. Details are shown in the following table:

Item	San Francisco		Denver	
	Gold	Silver	Gold	Silver
Bullion placed in processes:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Crude, with charges	844,337.240	1,088,348.97	504,683.747	697,073.38
Crude, without charges	2,621.078	3,101.74	9,202.042	3,004.43
0.999 and over (fire process only)	1,138,733.961			
0.992 and over, required to aid processes	444,336.080	4,175.59	69,660.555	95,655.99
Copper base (for bar making only) 0.900 standard, etc				
Retreated, unrefined	62,866.531	108,117.04	123,410.950	84,793.10
Apparent gain	498.260		24.596	273.18
Total	2,493,393.150	1,203,743.34	706,981.890	880,800.08
Bullion obtained from processes:				
Output 0.999+ fine—				
Electrolytic product	860,770.275	1,127,681.79	504,673.792	683,808.86
Used to aid processes	444,336.080	4,175.59	69,660.555	95,655.99
Other product	1,138,733.961			
Unrefined	49,552.834	70,005.21	132,647.543	101,335.23
Apparent loss		1,880.75		
Total	2,493,393.150	1,203,743.34	706,981.890	880,800.08

Item	New York		Total	
	Gold	Silver	Gold	Silver
Bullion placed in processes:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Crude, with charges	249,611.728	71,605.36	1,598,632.715	1,857,027.71
Crude, without charges	2,485.534	3,151.71	14,308.654	9,257.88
0.999 and over (fire process only)	1,432,838.511	138,012.29	2,571,572.472	138,012.29
0.992 and over, required to aid processes			513,996.635	99,831.58
Copper base (for bar making only) 0.900 standard, etc	31,609.120		31,609.120	
Retreated, unrefined			186,277.481	192,910.14
Apparent gain	1,238.418	3,369.16	1,761.274	3,642.34
Total	1,717,783.311	216,138.52	4,918,158.351	2,300,681.94
Bullion obtained from processes:				
Output 0.999+ fine—				
Electrolytic product			1,365,444.067	1,811,490.65
Used to aid processes			513,996.635	99,831.58
Other product	1,464,002.420	137,986.00	2,602,736.381	137,986.00
Unrefined	253,780.891	78,152.52	435,981.268	249,492.96
Apparent loss				1,880.75
Total	1,717,783.311	216,138.52	4,918,158.351	2,300,681.94

Fineness of Melts for Gold and Silver Ingots

The statement following shows the number of approved gold and silver ingot melts made, also their reported fineness, during the fiscal year 1931:

Gold ingot melts for United States coin		Silver ingot melts				
		For United States coin			For foreign coin	
Ingot fineness	Philadelphia	Ingot fineness	Philadelphia	San Francisco	Ingot fineness	Philadelphia
899.7	1	898.50	5		Ecuador	
899.9	3	898.60		26		
900.0	4	898.75	1			
		898.80		33	720	69
		899.00	66			
		899.10		34		
		899.25	46		Panama	
		899.30		20		
		899.50	23	14		
		899.75	4		900	20
		899.80		2		
		900.00	2	1		
	8		147	130		89

Commercial and certificate bars manufactured

[On value basis, see p. 62]

Institutions	Gold bars			Silver bars		
	Number	Fine ounces	Value	Number	Fine ounces	Value
Philadelphia	2,106	52,853.806	$1,092,585.14	2,251	998,197.70	$111,018.01
San Francisco	6,449	4,153,620.257	85,862,951.03	121	4,644.09	2,624.47
Denver	1,003	494,965.131	10,231,837.33	1,681	343,457.60	169,863.80
New York	52,224	3,748,449.609	77,487,330.41			
Total	61,782	8,449,888.803	174,674,703.91	4,053	1,346,299.39	283,506.28

Ingots operated upon by coining departments and percentages of good coin produced to amounts operated upon

Items	Philadelphia	San Francisco	Denver	Total
DOMESTIC COINAGE				
Gold:				
Ingots operated upon (fine ounces)		194,917	148,470	343,387
Percentage of good coin produced		60.55	69.40	64.38
Silver subsidiary:				
Ingots operated upon	280,556	633,843		914,399
Percentage of good coin produced	57.21	65.40		62.89
Nickel:				
Ingots operated upon (gross ounces)	977,221	964,811		1,942,032
Percentage of good coin produced	65.23	69.76		67.49
Bronze:				
Ingots operated upon	11,320,354	565,792	2,235,047	14,121,193
Percentage of good coin produced	56.31	69.61	73.66	59.59
FOREIGN COINAGE				
Gold:				
Ingots operated upon (fine ounces)	151,005			151,005
Percentage of good coin produced	30.90			30.90
Silver:				
Ingots operated upon	609,390			609,390
Percentage of good coin produced	48.48			48.48

Percentages of good coin produced to pieces struck

Items	Philadelphia	San Francisco	Denver	Total
DOMESTIC COINAGE				
Gold:				
Blanks struck (number)	----------	171,481	106,976	278,457
Percentage of good coin produced	----------	99.14	99.56	99.30
Silver subsidiary:				
Blanks struck	2,245,207	3,426,142	----------	5,671,349
Percentage of good coin produced	99.12	99.21	----------	99.17
Nickel:				
Blanks struck	3,986,618	4,211,298	----------	8,197,916
Percentage of good coin produced	99.61	99.47	----------	99.53
Bronze:				
Blanks struck	64,245,939	3,892,268	16,504,301	84,642,508
Percentage of good coin produced	99.35	99.48	99.85	99.45
FOREIGN COINAGE				
Gold:				
Blanks struck	512,342	----------	----------	512,342
Percentage of good coin produced	97.60	----------	----------	97.60
Silver:				
Blanks struck	2,054,755	----------	----------	2,054,755
Percentage of good coin produced	90.29	----------	----------	90.29

Sweeps cellar operations, fiscal year 1931 (includes crushed discarded melting pots etc.)

Source	Institution	Material, quantity		Metal content			
				Bars recovered		Tailings	
		Bags	Net avoirdupois pounds	Gold	Silver	Gold	Silver
				Ounces	*Ounces*	*Ounces*	*Ounces*
Melting department	Philadelphia	[1] 42	14,327	----------	----------	1,018.991	1,101.27
Do	San Francisco	75	5,380	79.007	127.03	45.864	113.65
Refinery	do	547	40,717	776.010	1,197.42	588.118	1,724.63
Do	Denver	261	22,936	----------	----------	121.144	444.80
Do	New York	[2] 1,351	106,813	----------	----------	1,047.090	4,067.01
Deposits division	do	283	18,933	----------	----------	605.857	518.76
Do	San Francisco	12	861	25.545	46.23	11.081	33.88
Do	Denver	68	6,169	----------	----------	55.428	68.23
Total	----------	2,639	216,136	880.562	1,370.68	3,493.573	8,072.23

[1] Includes 10 drums.

[2] Includes 88 lead bars.

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1931 amounted to $89,535.86, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$22,789.52	$18,814.88	$184.17	$27,997.22	----------	$69,785.79
Recovered incident to receipt of bullion deposits	1,879.39	1,785.69	2,425.94	13,299.62	$992.73	20,383.37
Net gains on shipments to Government refineries	----------	----------	----------	----------	204.57	204.57
Gains on light weight and mutilated coins purchased for recoinage	122.56	17.02	67.54	115.35	----------	322.47
Receipts from sale of by-products	----------	----------	200.05	8,778.36	----------	8,978.41
Total gains	24,791.47	20,617.59	2,877.70	50,190.55	1,197.30	99,674.61
Wasted in refining and coining operations	522.69	481.71	----------	----------	----------	1,004.40
Loss on assay value of operative sweeps sold	1,390.44	693.52	1,449.72	5,600.67	----------	9,134.35
Total losses	1,913.13	1,175.23	1,449.72	5,600.67	----------	10,138.75
Net gains	22,878.34	19,442.36	1,427.98	44,589.88	1,197.30	89,535.86

Wastage of Coinage Metal, and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1931, was $2,175.74. A loss of $9,134.35 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the table following:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department	$427.79	$475.66	----------	----------	$903.45
Coining department	94.90	6.05	----------	----------	100.95
Nickel wastage:					
Melting and refining department	197.14	26.82	$10.29	----------	234.25
Coining department	84.60	16.09	----------	----------	100.69
Bronze wastage:					
Melting and refining department	741.53	8.24	19.81	----------	769.58
Coining department	61.60	1.46	3.76	----------	66.82
Loss on sale of sweeps	1,390.44	693.52	1,449.72	$5,600.67	9,134.35
Total wastage and loss	2,998.00	1,227.84	1,483.58	5,600.67	11,310.09
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	1,084.87	52.61	33.86	----------	1,171.34
Silver department wastages offset by other departmental surpluses	522.69	481.71	----------	----------	1,004.40
Other wastages and loss on sweeps, from contingent appropriations	1,390.44	693.52	1,449.72	5,600.67	9,134.35
Total reimbursements	2,998.00	1,227.84	1,483.58	5,600.67	11,310.09

Engraving Department

The engraving department (at the Philadelphia mint) made 748 working dies for domestic coinage during the fiscal year ended June 30, 1931. Master dies, hubs, and working dies were made for domestic, Philippine, Ecuador, Panama, Venezuela, and China coinage; and for the Post Office, War and Navy Departments, as well as for medals of a national character.

Chromium plating was applied to 316 coinage dies, collars, and other machine parts, and copper plating was applied to 63 medallions.

Dies manufactured

Item	Issued to mint at—				Total
	Philadelphia	San Francisco	Denver	Manila, P. I.	
Domestic coinage:					
Gold	0	10	4		14
Silver	60	40	0		100
Minor	327	85	110		522
Unused	112				112
Philippine coinage				110	110
Ecuador	30				30
Panama	57				57
Venezuela	45				45
Unused Philippine				15	15
Total coinage, working dies	631	135	114	125	1,005
Master dies, hubs, and transfers from models manufactured for—					
United States coin					17
Philippine coinage					4
Ecuador coinage					6
China coinage					13
Panama coinage					18
Other dies, hubs and transfers from models manufactured for—					
Medals and medalets					68
Military badges and insignia					88
Stamped envelope embossing dies					100
Grand total					1,319

Medals sold

Sales during the fiscal year 1931, of medals manufactured at the Philadelphia mint included—

Item	Pieces	Value
Gold medals	146	$6,198.21
Silver medals	618	1,139.26
Bronze medals	10,261	7,125.71
Total	11,025	14,463.18

Employees

The total number of officers and employees of the mint service on June 30, 1931, was as follows;

Institution	Established under act of—	Employees by departments					Total	
		General	Engraving	Assaying	Coining	Melting and refining	June 30, 1931	June 30, 1930
Bureau of the Mint	Feb. 12, 1873	10		3			13	14
Philadelphia Mint	Apr. 2, 1792	108	9	10	104	41	272	299
San Francisco Mint	July 3, 1852	50		10	13	28	101	117
Denver Mint	Apr. 21, 1862	37		6	16	20	79	79
New York assay office	Mar. 3, 1853	66		18		33	117	120
New Orleans Mint [1]	Mar. 3, 1835	7					7	7
Carson City Mint [1]	Mar. 3, 1863	3					3	3
Boise assay office	Feb. 19, 1869	4					4	4
Helena assay office	May 12, 1874	3					3	3
Seattle assay office	May 21, 1898	11					11	11
Salt Lake City assay office	May 30, 1908	2					2	2
Total, 1931		301	9	47	133	122	612	
Total, 1930		322	9	49	144	128		652

[1] Conducted as assay offices.

Work of the minor assay offices

The following tables exhibit the principal work of the minor assay offices during the fiscal year, 1931:

Item	New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City
Deposits received—number	362	266	287	244	1,470	55
Fineness, average gold—thousandths	399	202	756	631	856	626
Fineness, average silver—do	292	717	212	259	114	175
Weight before melting—ounces	38,415	30,316	24,611	4,647	540,996	1,159
Weight after melting—do	37,744	29,841	24,054	4,404	538,833	1,132
Loss in melting—do	671	475	557	243	2,163	27
Loss in melting—per cent	1.74	1.56	2.26	5.22	0.40	2.3
Melts of bullion—number	363	266	287	247	1,577	55
Mass melts of bullion—do	37	11	19	6	70	2
Melts of deposit melting room grains—do	4	3	3	3	9	
Melts of assayer's clips—do	4	2	4	7	47	1
Value of deposits, gold—dollars	311,522	124,689	375,923	57,485	9,539,890	14,652
Value of deposits, silver, at cost—do	3,521	6,932	1,619	361	19,999	61
Bullion shipped—gross ounces	45,686	27,932	23,820	3,622	547,058	
Value of gold shipped—dollars	338,345	115,687	369,970	46,971	9,686,808	
Value, cost of silver shipped—do	5,146	7,369	1,641	310	20,643	
Quartation silver made—ounces	19	18	26	25	295	
Quartation silver used—do	21	18	27	10	168	8
Proof gold received—do		5			10	
Proof gold used—do	3.8	1.87	2.12	1.5	12.17	2
Proof silver received—do		25				20
Proof silver used—do	0.5	14	0.65			1
Cupels made—number	2,450	1,761	1,216	2,500		1,000
Cupels used—do	2,650	1,752	1,941	1,419	16,017	650
Crucibles used—do	18	10	24	11	124	7

Assays made

Institution	On bullion deposits			On miscellaneous mint service metal			On nonmint bullion and ores			
	Samples	Assays	Reports	Samples	Assays	Reports	Samples	Assays	Reports	Metals determined in ores tested
New Orleans	726	2,178	363	106	312	53	27	108	27	Gold and silver.
Carson City	532	1,111	266	38	101	20	126	162	82	Gold silver, copper, lead, zinc.
Boise	622	1,177	287	88	228	28	544	667	544	Do.
Helena	488	976	244	30	60	15	24	41	24	Gold, silver, copper, lead.
Seattle	5,354	12,372	1,462	486	1,204	122	80	164	80	Gold, silver, copper, zinc.
Salt Lake City	55	400	55	------	------	-----	173	240	173	Gold, silver, copper, zinc, lead.

Gold Receipts at Seattle

Statement of gold deposits at the Seattle assay office from the opening of the institution on July 15, 1898, to the close of business June 30, 1931:

Number of deposits	81,688
Troy ounces	19,440,815.60
Avoirdupois tons	666.5
Total value	$333,625,145.57

ORIGIN OF DEPOSITS

Alaska:	
Circle	$1,146,221.77
Cook Inlet	6,573,305.36
Copper River	6,959,675.97
Eagle	1,379,963.83
Iditarod	17,645,108.69
Koyukuk	2,317,960.50
Kuskokwim	1,388,773.10
Nome	79,032,373.88
Southeastern Alaska	23,860,980.30
Tanana	58,483,533.37
Unclassified	2,767,506.28
Total	201,555,403.05
British Columbia	24,869,672.21
Yukon Territory	94,034,865.93
All other sources	13,165,204.38
Grand total	333,625,145.57

Laboratory, Bureau of the Mint

From the domestic coinage of the calendar year 1930 the assayer of this bureau examined and tested 20 gold coins and 164 silver coins, all of which were found within the legal requirements as to weight and fineness.

The following table summarizes results of fineness tests on domestic coins, the limit of tolerance being one one-thousandth above or below 900 for gold coins and three one-thousandths above or below 900 for silver coins.

Fineness (thousandths)	Gold coins, San Francisco	Silver coins		
		Philadelphia	San Francisco	Total
898.6		1	2	3
898.8		2	1	3
898.9		1	1	2
899.0		18	5	23
899.2		6	5	11
899.3		11	9	20
899.4		10	1	11
899.5		19	8	27
899.6	5	4	2	6
899.7	8	5	4	9
899.8	4	3	6	9
899.9	2	1	2	3
900.0	1	13	3	16
900.1		4		4
900.2		9	1	10
900.3		1	2	3
900.4		2	2	4
Total	20	110	54	164
Average fineness	899.73	899.533	899.503	899.523

Average weights of domestic coins tested as compared with standard weights

STANDARD WEIGHTS	Grains
Double eagle	516.00
Eagle	258.00
Half eagle	129.00
Half dollar	192.90
Quarter dollar	96.45
Dime	38.58

COINS TESTED	
Philadelphia:	
62 quarter dollars	96.439
48 dimes	38.574
San Francisco:	
10 double eagles	516.045
10 eagles	258.000
34 quarter dollars	96.454
20 dimes	38.602

Summary of work of Mint Bureau laboratory	Number
Gold assays	3,114
Silver assays	621
Miscellaneous assays	83
Total assays	3,818
Certificate bar samples:	
New York (90 melts)	318
San Francisco (68 melts)	544
Denver (4 melts)	12
Miscellaneous samples	24
Counterfeit coins examined	64
Double eagles examined	10
Eagles examined	10
Quarter dollars examined	96
Dimes examined	68
Cupels made	2,787
Cupels used	3,046
Proof gold used, ounces (troy)	9.265
Proof silver used, do	8.15
Quartation silver used, do	110.20

Assay Commission's Annual Test of Coin

Section 3547 of the Revised Statutes provides for an annual test of the domestic coinage executed during each calendar year, by a commission, of whom part are ex officio members, the others being appointed, without compensation, by the President. The purpose is "to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight." The commission, which met at the Philadelphia Mint February 11 and 12, 1931, reported the following results of their examination of the 1930 coinage:

Your committee on counting reports that the packages containing the pieces reserved in accordance with section 3539 of the Revised Statutes by the mints at Philadelphia and San Francisco for the trial of coins were delivered to us by the superintendent at Philadelphia, and upon comparison with the transcripts kept by the Director of the Mint were found to be correct. The packages were then opened, the coins contained therein counted and found to agree with the number called for in each package.

The reserved coins were then delivered to the committees on assaying and weighing. In the reports of those committees will be found an account of the disposition of these coins.

The committee on assaying has completed the test assays on individual coins and mass melts representing the different denominations coined by the mints at San Francisco and Philadelphia, no gold or silver having been coined during the year at the mint in Denver.

No half eagles were made during the year, and the only gold coinage was executed at the mint in San Francisco.

According to the following table, showing the extreme variations found on individual coins and mass melts tested under the supervision of the committee the 1930 coinage of the several mints has been found safely within the legal allowance prescribed by law, which is one one-thousandth fineness for gold and three one-thousandths for silver coins.

Highest assays on gold coins: San Francisco	899. 9
Lowest assays on gold coins: San Francisco	899. 6
Highest assays on silver coins:	
Philadelphia	900. 2
San Francisco	901. 1
Lowest assays on silver coins:	
Philadelphia	898. 6
San Francisco	898. 4
Mass melts:	
Gold—San Francisco	899. 7
Silver—	
Philadelphia	899. 5
San Francisco	899. 1

The committee on weighing reports that in accordance with the rules adopted by the Assay Commission in 1930 the committee received from the committee on assaying the residues of the several parcels of reserved coins, and took therefrom at random from the parcels of each mint such a number of coins of each of the denominations represented and so distributed by dates of coinage as to be sufficient for the purposes of weighing. It was found possible to select one or more coins from substantially every one of the 103 parcels presented. The above procedure resulted in the selection of 295 pieces.

Each of these coins was weighed to an accuracy of 0.01 grain and the results recorded. The standards used were a set of sealed coin weights and a set of grain weights, delivered to the commission from the Bureau of Standards, Washington, D. C., under seal and accompanied by certificates signed by the director of the bureau. The weighings were made by the method of substitution on the balance belonging to the Philadelphia Mint regularly employed for this purpose. This balance was tested before the weighing of the coins was commenced and was found to be accurate and reliable and very well adapted for the work of the committee.

The weight of each coin is given in the table below. An examination of these results will demonstrate that each coin was well within the deviation allowed by law. Also the average weights of the coins of the several denominations were very close to the standards similarly established.

The deviations from standard of the heaviest and lightest coins encountered, of each denomination from each mint, are shown in the following table:

	Legal deviation allowed	Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
GOLD COINS	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Double eagle	0.5			0.15	0.02		
Eagle	.5			.30	.21		
SILVER COINS							
Quarter dollar	1.5	1.15	1.11	1.09	1.03		
Dime	1.5	.44	.48	.53	.85		

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1931, is respectfully submitted.

R. J. GRANT,
Director of the Mint.

Hon. ANDREW W. MELLON,
Secretary of the Treasury.

PART II

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1931

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1930

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1930 is estimated to have been $47,247,600, and the production of silver is estimated at 50,748,127 fine ounces. A comparison of these figures with those for 1929 indicates $1,596,000 increase in production of gold and approximately 10,600,000 ounces decrease in silver production.

As regards individual States, the outstanding differences in gold production as compared with the prior year are increases by South Dakota of over $1,900,000, by California of over $800,000, by the Philippine Islands of about $700,000, and by Alaska of about $700,000; and decreases by Arizona of nearly $1,300,000, and by Utah of about $600,000.

Individual States' material differences in silver production as compared with the prior year include increase of over 400,000 ounces by Colorado, and decreases of over 4,000,000 ounces in Montana, nearly 3,000,000 ounces in Arizona, nearly 3,400,000 ounces in Utah, and about 600,000 ounces each in Nevada and Texas.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows; the production figures therein differ as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the mines bureau at Washington.

ALASKA

Alaska mines in 1930 produced gold valued at $8,476,000 compared with an output of $7,761,000 in 1929.

In 1930 about 43 per cent of the total gold production came from lode mines, compared with 47 per cent in 1929 and 51 per cent in 1928.

The auriferous lode mines in 1930 produced gold valued at $3,639,000 compared with $3,644,000 in 1929.

The value of the placer gold produced in Alaska in 1930 was $4,837,000, compared with an output of $4,117,000 in 1929.

Twenty-seven gold dredges were operated in Alaska in 1930, three less than in 1929. The dredges in 1930 handled about 9,906,000 cubic yards of gravel and produced gold valued at $3,912,600, which was an increase of $980,600 over the output of thirty dredges in 1929. The total output of gold dredges in Alaska, including 1930, has been $42,920,600.

The silver production of Alaska in 1930 was 408,570 ounces, valued at $157,300. The auriferous lode mines yielded bullion which contained 102,080 ounces of silver, the copper ores treated contained 279,990 ounces, and bullion from placer mines yielded 26,500 ounces of silver.

In 1930 there was an increase in the output of gold and a decrease in that of silver. The decrease in silver was due to the low prices that prevailed for metals, which discouraged large outputs and the undertaking of new enterprises. The world-wide stagnation of business and the accompanying depression seemed to have been felt less in Alaska than in most places and the record of a decrease of less than 15 per cent in the value of the mineral output of Alaska compares favorably with similar enterprises in the States. Each year brings more general development of mineral resources in the Territory.

ARIZONA

Arizona produced gold in 1930 valued at $3,501,610, a decrease of $680,677 from that of 1929, according to C. N. Gerry, of the United States Bureau of Mines. The marked change was due to the large decrease in the output of copper ore, which supplies most of the gold in Arizona. The larger part of the gold, or $2,124,344, had its source in crude ore smelted, representing a decrease of $883,951 in gold from that source in 1929. Gold in bullion from ore treated by amalgamation was valued at $11,256 and that treated by cyanidation at $593,008, or a total of $604,264, which increased $462,104 over that of 1929; gold in concentrate was valued at $752,939, a decrease of $256,196. The gold from lode mines was derived from the following sources: Copper ore, $2,730,476; dry or siliceous ore, chiefly gold ore, $692,164; lead-zinc ore, $32,777; lead ore, $25,698; and copper-lead ore, $7,438. Gold from siliceous gold ore, chiefly from Mohave County, was more than double that of 1929, as a result of the unusually large increase in the output of gold ore from the Tom Reed mine at Oatman. More than 78 per cent of the State's gold came from copper ore and most of the remainder came from gold ore; placers produced $13,057 in gold, an increase of $7,405 over 1929. No dredges were operated. The largest producers of gold were the United Verde, Tom Reed, Calumet & Arizona, Copper Queen, New Cornelia, United Verde Extension, and Magma mines.

The silver output amounted to 5,540,732 ounces, a decreaseof 2,002,-551 ounces from the output of 1929. Most of the silver in Arizona is recovered from copper ore, and as there was a decided decrease in the output of copper ore in 1930 there was a corresponding decrease in the output of silver. The sources of the silver output were: Copper ore, 4,968,973 ounces; siliceous ore, 186,202 ounces; lead ore, 222,541 ounces; lead-zinc ore, 142,440 ounces; copper-lead ore, 20,491 ounces; and placers, 85 ounces. Most of the silver, or 3,927,374 ounces, was recovered from crude ore smelted, while most of the remainder, or 1,572,253 ounces, was recovered from concentrates smelted. The

largest silver producers were the United Verde, Calumet & Arizona, Magma, Copper Queen, and United Verde Extension mines.

There were 342 mines producing during the year, of which number 41 only were placer mines.

CALIFORNIA

Gold.—The total production of gold from California mines for the period 1848 to 1930, inclusive, is recorded as $1,841,540,225, of which $1,234,541,154 was from placer mines. In 1930 the lode mines of California produced $5,696,019 (an increase of $1,039,923), of which gold quartz yielded 60 per cent and the placers $3,755,143 (a decrease of $115,464). Of the placer production, $3,451,801 was recovered by dredging. The total dredge production from 1896 to the end of 1930 was $167,005,744, and the output from dredges in 1930 was slightly over 36 per cent of the gold production of the State in 1930, $9,451,142. The nine Sacramento County dredges made the largest output, $1,722,018, and increased their yield $240,424 over 1929. Six dredges in Yuba County made an output of $949,001 and decreased their yield $492,649 compared with 1929. One dredge in Amador County made an output of over $150,000 and three dredges in Trinity County made an output of more than $250,000. Dredges were also operated in Butte, Calaveras, Merced, Shasta, and Stanislaus Counties.

Three of the 34 counties reporting mine production of gold had a yield of more than $1,000,000 each in 1930. Of these Nevada County produced gold mainly from siliceous ore of the Grass Valley district; and Amador County, second in rank, is on the Mother Lode; Sacramento, third in rank, obtained most of its gold by dredging. The five mother lode counties—Amador, Calaveras, Eldorado, Mariposa, and Tuolumne—whose output is mainly gold milling ore, in 1930 produced $1,536,760 in gold from mill bullion and $358,299 from concentrates derived from gold ore, compared with $1,428,313 in gold from mill bullion and $307,531 in gold from concentrates in 1929.

Silver.—The total output of silver from California mines for the period 1848 to 1930, inclusive, is recorded as 84,536,750 fine ounces, valued at $70,889,636. Of the silver output in 1930, 1,622,803 fine ounces, siliceous ore yielded 823,000 ounces; copper ore, 471,212 ounces; lead ore, 116,779 ounces; copper-lead ore, 199,186 ounces; and placer bullion, 12,626 ounces. The only counties producing more than 100,000 ounces in 1930 were San Bernardino, Plumas, Napa, Contra Costa, and Inyo. Over 58 per cent of the silver was recovered from ore sent to concentrating plants.

CENTRAL STATES

The total mine production of silver in the Central States in 1930 was 179,827 ounces, valued at $69,234, which was 26,306 ounces less than the output in 1929. All the silver from Michigan, 7,820 ounces, was derived from lode copper mines. None was reported from the refining of copper bullion, the output being composed entirely of lumps of native silver.

The mine production of silver from Missouri decreased from 181,638 ounces in 1929 to 170,210 ounces in 1930. As no copper ore was shipped in 1930, all of the silver was derived from lead ore mined

in southeastern Missouri. Only 210 ounces was derived from copper-lead matte and only a small quantity from lead skimmings. The big source of silver from Missouri mines was from the residues of zinc concentrates derived from lead ore treated by the St. Joseph Lead Co.

The silver credited to Illinois in 1930 was from galena concentrates made at fluorspar mines in southern Illinois. These concentrates are treated mainly by the St. Louis Smelting & Refining Co. As the quantity of galena shipped decreased, the recovery of silver decreased from 3,700 ounces in 1929 to 1,797 ounces in 1930.

COLORADO

Colorado mines produced $4,516,000 in gold in 1930, as compared with $4,417,358 in 1929, according to Charles W. Henderson, of the United States Bureau of Mines. The siliceous sulphotelluride gold ores of the Cripple Creek district yielded in recovered amalgam and cyanidation bullion, $2,500,000 as compared with $2,640,000 in 1929. Other important gold-producing counties were San Juan, $658,000; Park, $494,000; Ouray, $148,000; Summit, $148,000; Eagle, $127,000; Gilpin, $127,000; Clear Creek, $106,000; and Lake, $79,000.

The silver produced amounted to 4,290,000 ounces, as compared with 4,397,000 ounces in 1929. Eagle County produced 1,541,000 ounces and San Juan County 1,085,000 ounces. Other important silver-producing counties were: Lake, 617,000 ounces; Mineral, 405,000; Saguache, 328,000; San Miguel, 82,000; Dolores, 64,000; Pitkin, 56,000; and Clear Creek, 36,000.

The total production of Colorado from 1858 to 1930 has been: Gold, $715,477,609; silver, 657,839,654 ounces.

EASTERN OR APPALACHIAN STATES

The mine production of gold in the Eastern or Appalachian States increased from 1,779.86 fine ounces, valued at $36,793 in 1929, to 2,266.06 fine ounces, valued at $46,637 in 1920. Tennessee produced $14,388; Pennsylvania, $13,023; North Carolina, $14,582; Georgia, $4,194; and Alabama, $450.

The placer mines (seven in number) yielded $1,686, of which $450 was from Alabama, $242 from Georgia, and $994 from North Carolina. None of the placer mines yielded more than $500.

Siliceous gold ore in Georgia and North Carolina amounting to 900 tons yielded $6,740 in gold. The copper ore and copper concentrates from pyritiferous magnetite ore yielded $38,211 in gold, of which $10,800 was from North Carolina, $13,023 from Pennsylvania, and $14,388 from Tennessee. The gold recovered from base ores in 1930 was about seven times as much as that derived from placers and lode gold ore. None of the zinc or lead-zinc ores mined contained any recoverable gold.

The mine output of silver was 123,590 ounces, or 11,930 ounces more than in 1929. Only 10 ounces was derived from placer bullion and 70 ounces from lode gold ore. Copper ores yielded 117,748 ounces, of which Tennessee was credited with 83,640 ounces, North Carolina with 30,000 ounces, and Vermont with 4,108 ounces. The silver from Pennsylvania (5,762 ounces) came from the pyritiferous magnetite ore of the Cornwall mine in Lebanon County.

IDAHO

In 1930, according to C. N. Gerry, of the United States Bureau of Mines, Idaho's output of gold was valued at $443,309 and that of silver, $3,626,946. There was an increase of $24,764 in the production of gold and an increase of 6,236 ounces in the production of silver over that of 1929; the value of the silver output, however, decreased $1,390,931 on account of the decline in the average price of the metal.

Gold increased from $418,545 in 1929 to $443,309 in 1930, as a result of the increased output of gold from the Talache (Gold Hill & Iowa) mine at Quartzburg, the large output of gold from the Sherman Howe property, a new producer near Burgdorf, and the increased output of gold from the dredge at Centerville, Boise County. The output of gold from the Idawa property at Placerville was much less than that in 1929 and the mine dropped to second place among Idaho gold producers. Of the total gold output ($443,309) the placer gold amounted to $82,428, against $85,373 in 1929; the gold won by three dredges was valued at $68,527, an increase from $60,143 in 1929. The Idaho Gold Dredging Corporation at Centerville, the largest producer of gold in Idaho from dredging operations, increased its output 34 per cent.

Dry or siliceous ore, chiefly gold ore, produced more gold than any other kind of ore, or $294,424; gold in lead-zinc ore was valued at $27,508; lead ore, $22,197; and copper ore, $16,752. In 1930 more than 66 per cent of Idaho's gold came from siliceous gold ore. The largest producers of gold were the Talache (Gold Hill & Iowa) mine at Quartzburg, the Idawa Gold Mining Co. at Placerville, the Sherman Howe mine at Burgdorf, the Idaho Gold Dredging Corporation at Centerville, the Lost Pilgrim & Hall-Interstate group east of Cascade, and the Mackay Metals (Inc.) at Mackay.

The silver output was 9,420,639 ounces, an increase of 6,236 ounces. In 1930 Idaho not only became the second largest producer of silver in the United States, but increased its output in a year when the output from other Western States was distinctly decreased. The Sunshine Mining Co. operated the Yankee Boy mine east of Kellogg in Shoshone County, increased its output of silver considerably, and became the largest producer of silver in Idaho. Lead ore supplied 4,462,368 ounces; copper-lead ore, 2,635,993 ounces; lead-zinc ore, 2,258,124 ounces; siliceous ore, 35,737 ounces; copper ore, 26,262 ounces; zinc ore, 800 ounces; and placers, 1,355 ounces. The Coeur d'Alene region (Shoshone County) alone produced 8,831,461 ounces of silver, an increase of 54,735 ounces over that of 1929. The largest producers of silver were the Sunshine, Bunker Hill & Sullivan, Hecla, and Morning mines, all in the Coeur d'Alene region.

There were 192 mines producing during the year, of which 61 were placer mines and 131 lode mines.

MONTANA

Montana's mine output of gold in 1930, according to C. N. Gerry of the United States Bureau of Mines, was valued at $899,001, a decrease of $232,948 from that of 1929, and less than the average annual output for the decade 1921 to 1930, which was $1,420,822. Of the total output, $884,102 came from lode mines and $14,899 from placers. There was a decided decrease of $235,513 in gold

from lode mines, due chiefly to the lessened output of the Anaconda group at Butte. A marked improvement of nearly 49 per cent in quantity was made, however, in the output of gold from the Spring Hill mine near Helena, and the mine became the largest producer of gold in Montana. No dredges were operated and the output of placer gold was $2,565 more than that of 1929. In recent years most of the gold was recovered from copper ore, but in 1930 the drop in the price of copper resulted in a decided decrease in the output of gold from copper ore, and the general decrease in metal prices, except gold, resulted in a substantial increase in the output of gold from siliceous ore. Copper ore was the source of $448,903 in gold; siliceous ore, nearly all gold ore, $366,974; lead-zinc ore, $44,529; lead ore, $16,301; zinc ore, $7,234; copper-lead ore, $161; and placers, $14,899. More than 79 per cent of the gold was produced by the Spring Hill mine south of Helena, the Anaconda group of mines at Butte, and the Liberty-Montana mine near Jefferson Island.

The output of silver decreased decidedly, from 12,716,977 ounces in 1929 to 7,052,889 ounces in 1930, the smallest output except that of 1921 in the last 30 years. Nearly 75 per cent of the total silver was recovered from the mines at Butte. The output of silver from copper ore, the chief source of silver in Montana, decreased considerably from 7,289,007 ounces in 1929 to 4,583,827 ounces in 1930. There were also unusually large decreases in the output of silver from zinc ore, lead-zinc ore, and siliceous ore. Copper ore supplied the largest quantity of silver, 4,583,827 ounces; lead-zinc ore, 1,261,859 ounces; siliceous ore, chiefly silver ore, 657,439 ounces; zinc ore, 449,183 ounces; lead ore, 91,635 ounces; and copper-lead ore, 8,860 ounces. More than 82 per cent of the silver was produced from the Anaconda group of mines at Butte, the Block P property of the St. Joseph Lead Co. near Hughesville, the Flathead mine of the Anaconda Copper Mining Co. near Kila, and the Butte & Superior property at Butte. There were 266 producing mines, of which 193 were lode mines and 73 placer properties.

NEVADA

The gold output of Nevada in 1930, according to Victor C. Heikes, of the United States Bureau of Mines, was valued at $3,081,436, a decrease of $302,775 compared with $3,384,211 in 1929. The Robinson (Ely) district, credited with $1,041,668, exceeded all other districts in the State in gold output, chiefly on account of the production of copper ore from the mines at Ely, but decreased $279,972 in the value of the gold compared with 1929. The value of the gold output from the Jarbidge district in 1930 was $460,032, a decrease of $121,709 compared with 1929, followed by the Tonopah district with $406,306 and the Goldfield district producing $297,732. The Seven Troughs, Round Mountain, Manhattan, and Comstock districts produced $551,049 in gold compared with $286,042 in 1929, when the Seven Troughs had not yet started on a production basis. The largest producers of gold were the Nevada Consolidated Copper Co., Elkoro Mines Co., Tonopah Extension Mines (Inc.), Bradshaw (Inc.), leasing the Goldfield Consolidated tailings dump, the Consolidated Coppermines, and the Seven Troughs Gold Mines Co. These six companies produced nearly 74 per cent of the total gold yield in Nevada in 1930. Siliceous

ore in 1930 yielded gold valued at $1,923,132; copper ore supplied gold valued at $1,035,327; lead ore, $21,456 copper-lead ore, $7,928; lead-zinc ore, $55,155; and placers, $38,438.

The mine production of silver in 1930 was 4,219,832 ounces, a decrease of 703,694 ounces compared with 1929. The mines of the Tonopah district in Nye and Esmeralda Counties produced 1,931,194 ounces, a decrease from 1,965,595 ounces in 1929. The output of silver from ore mined in the western part of the district in Esmeralda County in 1930 increased 793,540 ounces, but that mined in the eastern part of the district in Nye County decreased 827,941 ounces compared with 1929. The Comstock district, Storey County, decreased its output of silver from 32,399 ounces in 1929 to 25,296 ounces in 1930. More than 58 per cent of the silver yield of the State, 2,478,009 ounces, came from dry siliceous ore, the greater part of which (2,232,481 ounces) was recovered by cyanidation. Silver from lead ore amounted to 148,033 ounces; lead-zinc ore, 1,063,639 ounces; copper-lead ore, 258,792 ounces; copper ore, 270,512 ounces; and placers, 847 ounces. The largest silver producer was the Tonopah Extension Mines (Inc.), followed by the Treadwell Yukon Co. Next in rank were the Combined Metals, Bristol Silver, Tonopah Belmont, Tonopah Mining, and Elkoro Mines Co.

There were 280 mines producing in Nevada in 1930, of which 33 were placer mines and 247 were lode mines. The total gold production of Nevada for the period 1904 to 1930, inclusive, is recorded as $212,292,913; of silver, 250,216,682 ounces.

NEW MEXICO

According to Charles W. Henderson, of the United States Bureau of Mines, gold produced in New Mexico in 1930 was approximately $652,000; silver was 1,091,000 ounces. Copper and lead-zinc ores yielded over 90 per cent of both the gold and silver production. Copper is the metal of chief value produced in New Mexico. In 1930 refined copper production had a gross calculated value of $8,406,000; refined zinc production was valued at $3,209,000; refined lead, $1,085,000.

The Pecos mine, at Tererro, on Willow Creek, a tributary of the Pecos River, continued as the largest producer of gold, of silver, of lead, and of zinc. Zinc-lead mines at Hanover contributed much silver but little gold. Zinc-lead mines, therefore, contributed about 50 per cent of the gold and 65 per cent of the silver. The siliceous gold-silver-copper ore of the Lordsburg district, Hidalgo County, and the copper concentrates of the Chino mines of the Nevada Consolidated Copper Co., contributed about one-half of the State's gold production and about 25 per cent of the silver.

OREGON

The gold yield from ore and gravels treated in Oregon in 1930, according to Victor C. Heikes, of the United States Bureau of Mines, was valued at $297,702, of which 47 lode operations yielded $83,283 and 143 placer operations $214,419. Compared with the gold yield in 1929, this was a decrease of $55,621, or 16 per cent. Four dredges were in operation in 1930 in Baker, Grant, and Jackson Counties and yielded slightly over 58 per cent of the total gold output of the State.

In order of output the leading gold-producing counties were Jackson, Grant, Josephine, and Baker; these counties produced over 97 per cent of the total gold in 1930. Dry gold ore and tailings yielded 27 per cent; copper ore, 1 per cent; dredges, hydraulic mines, and surface placers, 71 per cent of the total gold output of Oregon in 1930. A small amount of gold ($2,065) came from drift placers.

The production of silver in Oregon was 9,000 ounces, valued at $3,465, a decrease of 21,009 ounces in quantity and $12,530 in value compared with 1929. Lode mines yielded 7,421 ounces and placer mining 1,579 ounces. Gold ores yielded 67 per cent, placer mines 17 per cent, and copper ores 12 per cent of the total silver output of Oregon in 1930. No silver ore was treated for silver alone.

SOUTH DAKOTA

In 1930, according to Charles W. Henderson, of the United States Bureau of Mines, the Homestake gold mine, at Lead, S. Dak., mined 1,364,456 tons, and yielded gold-silver bullion, the proceeds of which were $8,426,195; the dividends paid were $2,009,280. The ore is first treated by amalgamation; sands and slimes are then treated by cyanidation. From 1875 to 1930 this mine has yielded gold-silver bullion and concentrates valued at $234,547,323 and paid in dividends $57,868,684. At the end of 1930 there were 14,981,911 tons of ore blocked out and remaining in the mine. Other production in 1930 was cyanide bullion produced in the 100-ton cyanidation mill at the Bullion-Columbia mine, at Keystone, between January 1 and January 8, when a fire destroyed part of the mill; operations were not resumed during the remainder of the year. Banks and bullion buyers in South Dakota in 1930 bought placer bullion containing 47 ounces of gold and 3 ounces of silver.

TEXAS

Metal mines in Texas, according to Charles W. Henderson, United States Bureau of Mines, produced in 1930, in terms of recovered and recoverable metals, 389,239 ounces of silver and $3,648 in gold. Cyanide precipitates and lead concentrates produced at the Presidio mine, at Shafter, contained only 365,439 fine ounces of silver and 176 ounces of gold, as compared to 974,049 fine ounces of silver and 1,279 ounces of gold in 1929. Because of the continued low price of silver in 1930, the Presidio mine closed June 30. The World Exploration Co., which in 1928 had reopened the Hazel mine, near Van Horn, placed its new 100-ton flotation mill in operation on May 1, 1930, and ran it at about one-third capacity until October 1, producing several hundred tons of copper-silver concentrates. Several hundred tons of copper-silver ore was shipped from Allamoore to the El Paso smelter.

The total output of gold from Texas mines from the first year of available Government production records—1885, to 1930, inclusive—mostly from the Presidio mine, has been $95,073, and for silver 22,772,112 ounces.

UTAH

The value of the metal output of Utah was $48,653,464 in 1930, a decrease of $47,331,737 from that of 1929, according to C. N. Gerry, of the United States Bureau of Mines. This unusual decline in value

was due chiefly to the large decrease in the output of copper ore, resulting from the marked drop in the price of the metal. There were also large decreases in the output of lead-zince ore and lead ore, but the output of siliceous gold ore was more than double that of 1929.

The gold output was valued at $4,309,148, a decrease of $660,767 from that of 1929, but it was much more than the average annual output for the decade 1921 to 1930, which was $3,530,647. Separated as to source, copper ore was most important, containing gold valued at $1,673,453; siliceous ore, chiefly gold ore, supplied $1,431,589 in gold; lead-zinc ore, $745,665; lead ore, $406,413; and copper-lead ore, $52,028; no placer gold was reported from Utah in 1930. One of the interesting features of the year was the large quantity of gold produced from siliceous gold ore from the Eureka Standard mine in the Tintic district. Crude ore of smelting grade yielded $1,948,294 in gold, ore of concentrating grade yielded $2,287,344, and miscellaneous material, chiefly old tailings smelted, yielded $73,510. The five largest producers of gold were the Utah Copper, Eureka Standard, United States Smelting, Refining & Mining, North Lily, and Park Utah Consolidated companies.

The silver production in Utah decreased decidedly from an output of 17,592,396 ounces in 1929 to 13,129,421 ounces in 1930. The State, however, maintained its position as the largest producer of silver in the United States. The output in 1930 was much less than the average annual output for the decade 1921 to 1930, which was 17,295,115 ounces. Separated as to source, the silver came principally from lead-zinc ore, which supplied 6,479,433 ounces, and from lead ore, which supplied 3,362,487 ounces; dry or siliceous ore supplied 2,215,920 ounces; copper ore, 944,113 ounces; and copper-lead ore, 127,468 ounces. First-class crude ore yielded 4,671,750 ounces of silver, ore concentrated yielded 8,193,168 ounces, and miscellaneous material, nearly all old tailings smelted, yielded 264,503 ounces. The Tintic district, in Juab and Utah Counties, produced 4,834,829 ounces, against 6,272,456 ounces in 1929. The Bingham district of Salt Lake County produced 3,517,117 ounces, against 4,644,955 ounces in 1929, and the Park City region, in Summit and Wasatch Counties, 4,212,403 ounces, against 6,157,501 ounces in 1929. The five largest producers of silver were the Tintic Standard, Silver King Coalition, United States Smelting, Refining & Mining, Park Utah Consolidated, and Utah Copper companies.

There were 103 lode mines producing in 1930; no placer production was reported.

WASHINGTON

The output of gold in Washington in 1930, according to C. N. Gerry, of the United States Bureau of Mines, had a value of $87,748, an increase of $10,850 from that of 1929. Most of the gold of the State, or $81,719, came from siliceous gold ore; copper ore supplied $2,076 in gold; lead ore, $7; and placers, $3,946. Except for lessees' operations, the gold mines at Republic were idle, as they have been for two years. The output, however, of the Boundary Red Mountain mine in Whatcom County was about 30 per cent more than that in 1929. Crude ore supplied $10,148 in gold, ore treated by amalgamation $71,515, and concentrates $1,911. Since 1860 Washington has produced $30,422,745 in gold. The only mine in Washington that

was worthy of note as a producer of gold in 1930 was the Boundary Red Mountain property in Whatcom County.

The output of silver was 32,816 ounces, the smallest output in the last 30 years, due to the continued idleness of the large producers at Republic. Of the total silver, 27,592 ounces had its source in copper ore, 2,435 ounces in lead ore, 1,726 ounces in siliceous ore, 1,020 ounces in lead-zinc ore, and 43 ounces in placer dust and bullion. Crude ore supplied most of the silver, or 20,580 ounces; concentrates, 11,983 ounces; and ore treated by amalgamation, 173 ounces. The two largest producers of silver were the United Copper mine near Chewelah, Stevens County, and the Sunset mine near Index, Snohomish County. There were 24 lode mines and 14 placers producing in 1930.

WYOMING

Metal mines in Wyoming in 1930, according to Charles W. Henderson, of the United States Bureau of Mines, yielded 443 ounces of gold and 120 ounces of silver, chiefly from the Atlantic City district, Fremont County.

Refinery production of gold mined in the several States and Territories in 1929 and 1930, with the increase and decrease in each for the latter year

State or Territory	Production [1]			Increase, 1930	Decrease, 1930
	1930		1929		
	Ounces [2]	Value	Value	Value	Value
Alaska	407,356	$8,420,800	$7,745,100	$675,700	
Alabama	10	200	200		
Arizona	148,681	3,073,500	4,364,000		$1,290,500
California	450,289	9,308,300	8,455,200	853,100	
Colorado	218,258	4,511,800	4,553,700		41,900
Georgia	203	4,200	1,200	3,000	
Idaho	21,198	438,200	405,100	33,100	
Montana	46,900	969,500	1,154,600		185,100
Nevada	140,220	2,898,600	3,285,600		387,000
New Mexico	31,589	653,000	682,700		29,700
North Carolina	498	10,300	3,600	6,700	
Oregon	14,300	295,600	365,000		69,400
Pennsylvania	610	12,600	15,400		2,800
South Dakota	406,297	8,398,900	6,456,400	1,942,500	
Tennessee	721	14,900	13,500	1,400	
Texas	242	5,000	26,100		21,100
Utah	208,936	4,319,100	4,903,800		584,700
Washington	3,647	75,400	82,100		6,700
Wyoming	440	9,100	1,000	8,100	
Philippine Islands	185,208	3,825,600	3,137,100	691,500	
Total	2,285,603	47,247,600	45,651,400	4,215,100	2,618,900
Net increase				1,596,200	

[1] For method of calculation see p. 62.
[2] Valued at $20.67+per fine ounce.

Refinery production of silver mined in the several States and Territories in 1929 and 1930, with the increase and decrease in each for the latter year

State or Territory	Production [1]			Increase 1930	Decrease 1930
	1930		1929		
	Ounces [2]	*Value*	*Ounces* [2]	*Ounces*	*Ounces*
Alaska	392,024	$150,929	478,973		86,949
Arizona	4,910,394	1,890,502	7,840,321		2,929,927
California	1,434,126	552,139	1,194,651	239,475	
Colorado	4,851,571	1,867,855	4,415,838	435,733	
Georgia	23	9	13	10	
Idaho	9,710,150	3,738,408	9,533,327	176,823	
Illinois	1,896	730	4,146		2,250
Michigan	10,720	4,127	17,899		7,179
Missouri	187,548	72,206	146,638	40,910	
Montana	8,596,966	3,309,832	12,613,580		4,016,614
Nevada	4,178,943	1,608,893	4,746,750		567,807
New Mexico	1,160,374	446,744	1,060,494	99,880	
North Carolina	32,891	12,663	14,414	18,477	
Oregon	9,816	3,779	37,840		28,024
Pennsylvania	4,538	1,747	5,616		1,078
South Carolina	105,166	40,489	84,465	20,701	
Tennessee	85,533	32,930	96,146		10,613
Texas	468,736	180,463	1,042,273		573,537
Utah	14,451,266	5,563,738	17,844,657		3,393,391
Vermont	4,512	1,737	3,633	879	
Washington	29,853	11,493	51,639		21,786
Wyoming	197	76	8	189	
Philippine Islands	120,884	46,540	94,547	26,337	
Total	50,748,127	19,538,029	61,327,868	1,059,414	11,639,155
Net decrease					10,579,741

[1] For method of calculation, see p. 62.
[2] Value at 38.5 cents per ounce, the average New York price of bar silver.

Disposition of the gold and silver product of the United States calendar year 1930

Items	Gold	Silver
	Fine ounces	*Fine ounces*
Product of domestic refineries:		
Deposited at mints and assay offices, per mint returns	2,613,080	2,642,517
Sold for use in the arts, per private refineries' and dealers' reports	326,996	35,750,715
Nonmint bullion exported, per customs returns	16,638	111,200,543
Unaccounted for	62,002	
	3,018,716	149,593,775
Less:		
Foreign bullion contained in private refineries' and dealers' product	1,254,154	82,104,778
Old bullion contained in private refineries' and dealers' product	664,803	8,640,361
Prior stock decrease, per private refineries' returns	6,653	2,846,437
Unaccounted for, probably decrease in dealers' stocks		5,730,417
	1,925,610	99,321,993
New domestic product of private refineries	1,093,106	50,271,782
Unrefined domestic product deposited at mints and assay offices	1,192,497	476,345
Total domestic product of United States	2,285,603	50,748,127

Distribution of gold and silver production of the United States, in fine ounces, for 1930, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ore [1]	Lead ores [2]	Copper ore
		Dredges	All other			
Alabama			22	3		
Alaska	176,037	189,272	44,718	128,580		279,990
Arizona	168,759		631	186,287	385,472	4,968,973
California	275,545	166,981	14,674	835,626	315,965	471,212
Colorado	211,963	6,329	179	1,321,000	1,500,000	1,470,000
Georgia	191		12	23		
Idaho	17,458	3,315	672	37,092	9,357,285	26,262
Illinois					1,797	
Michigan						7,820
Missouri						
Montana	42,768		721	657,525	170,210	
Nevada	147,205		1,859	2,478,856	1,811,537	4,583,827
New Mexico	31,492		64	57,000	1,470,464	270,512
North Carolina	657		48	54	764,000	270,000
Oregon	4,029	8,440	1,932	7,848	102	30,000
Pennsylvania	630					1,050
South Dakota	407,174		47	105,241		5,762
Tennessee	696					
Texas	176					83,640
Utah	208,455			388,828		411
Vermont				2,215,920	9,969,388	944,113
Washington	4,054		191	1,769	3,455	4,108
Wyoming	437		6	98		27,592
						22
Total [3]	1,697,726	374,337	65,776	8,421,750	25,749,675	13,445,294

[1] Includes small quantity of silver from placer mines (less than 50,000 ounces).
[2] Includes silver in lead, silver-lead, lead-zinc, copper-lead, copper-lead-zinc, and zinc ores.
[3] Philippine Islands not included. (They report 110,270 ounces silver from lode mines and 8 ounces from placers; $3,696,573 gold from lode mines and $8,227 from placers.)

Production of gold and silver in the United States since 1792

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar years	Gold		Silver	
	Fine ounces	Value	Fine ounces	Commercial value
1792 to July 31, 1834	677,250	$14,000,000	Insignificant.	
July 31, 1834, to Dec. 31, 1844	362,812	7,500,000	193,400	$253,400
1845	48,762	1,008,000	38,700	50,200
1846	55,341	1,140,000	38,700	50,300
1847	43,005	889,000	38,700	50,600
Total	1,187,170	24,537,000	309,500	404,500
1848	483,750	10,000,000	38,700	50,500
1849	1,935,000	40,000,000	38,700	50,700
1850	2,418,750	50,000,000	38,700	50,900
1851–1855	14,270,625	295,000,000	193,500	259,400
1856–1860	12,384,000	256,000,000	309,400	418,300
1861–1865	10,716,271	221,525,000	28,810,600	38,674,300
1866–1870	12,225,570	252,725,000	49,113,200	65,261,100
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,300	29,396,400
Total	58,279,778	1,204,750,000	118,568,200	157,749,900
1873–1875	4,980,631	102,958,800	81,057,900	103,285,000
1876–1880	10,300,633	212,933,000	157,680,500	182,506,400
1881–1885	7,730,372	159,801,000	182,840,700	202,806,600
1886–1890	8,077,967	166,984,500	231,819,100	227,495,200
1891–1895	9,106,834	188,255,000	287,057,000	227,960,100
1896–1900	15,728,572	325,138,400	279,544,300	172,688,800
1901–1905	19,393,722	400,903,800	278,698,400	159,543,400

Production of gold and silver in the United States since 1792—Continued

Calendar years	Gold		Silver	
	Fine ounces	Value	Fine ounces	Commercial value
1906–1910	22,993,218	$475,312,000	277,332,800	$162,916,400
1911	4,687,053	96,890,000	60,399,400	32,615,700
1912	4,520,719	93,451,500	63,766,800	39,197,500
1913	4,299,784	88,884,400	66,801,500	40,348,100
1914	4,572,976	94,531,800	72,455,100	40,067,700
1915	4,887,604	101,035,700	74,961,075	37,397,300
1916	4,479,057	92,590,300	74,414,802	48,953,000
1917	4,051,440	83,750,700	71,740,362	59,078,100
1918	3,320,784	68,646,700	67,810,139	66,483,129
1919	2,918,628	60,333,400	56,682,445	63,533,652
1920	2,476,166	51,186,900	53,361,573	60,801,955
1921	2,422,006	50,067,300	53,052,441	53,052,441
1922	2,363,075	48,849,100	56,240,048	56,240,048
1923	2,502,632	51,734,000	73,335,170	60,134,839
1924	2,528,900	52,277,000	65,407,186	43,822,814
1925	2,411,987	49,860,200	66,155,424	45,911,864
1926	2,335,042	48,269,600	62,718,746	39,136,497
1927	2,197,125	45,418,600	60,434,441	34,266,328
1928	2,233,251	46,165,400	58,462,507	34,200,567
1929	2,208,386	45,651,400	61,327,868	32,687,754
1930	2,285,603	47,247,600	50,748,127	19,538,029
Total	162,014,167	3,349,128,100	3,048,405,854	2,346,671,217
Grand total	221,481,115	4,578,415,100	3,167,283,554	2,504,825,617

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1930

Among the purveyors of gold and silver bars for use in the industrial arts of the United States, the United States assay office at New York and the mint at Philadelphia hold the foremost places; consequently the larger portion of the material consumed in the arts is brought under Government notice and is a matter of public record.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1930, with the classes of material from which they were made:

Gold and silver issued for use in the industrial arts during the calendar year 1930 [1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$34,920,772	515,148
Bullion in various forms	Private refineries and dealers	6,759,607	35,750,715
United States coin [2]	Banks, etc.	1,000,000	77,344
Total		42,689,379	36,343,207
Old jewelry, plate, scrap, etc., contained in private refineries' and dealers' returns, and that returned to monetary use		27,511,640	9,468,829
New material		15,177,739	26,874,378

[1] For explanation of calculation, see p. 62.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold furnished for use in manufactures and the arts, and classification of the materials used, since 1880

Calendar year	New material			Old material	Grand total
	United States coin	Domestic and foreign bullion and foreign coins	Total		
1880	$3,300,000	$5,511,047	$8,811,047	$1,294,385	$10,105,432
1881–1885	18,575,000	34,952,669	53,527,669	9,313,984	62,841,653
1886–1890	17,500,000	42,557,772	60,057,772	20,147,122	80,204,894
1891–1895	17,500,000	39,739,298	57,239,298	25,300,282	82,539,580
1896–1900	17,500,000	46,992,508	64,492,508	20,334,856	84,827,364
1901–1905	17,500,000	91,091,680	108,591,680	33,888,252	142,479,932
1906–1910	17,500,000	134,705,630	152,205,630	38,540,215	190,745,845
1911	3,500,000	29,603,054	33,103,054	7,731,238	40,834,292
1912	3,500,000	32,370,552	35,870,552	8,106,705	43,977,257
1913	3,500,000	34,001,831	37,501,831	8,362,235	45,864,066
1914	1,000,000	22,202,101	23,202,101	12,934,974	36,137,075
1915	1,000,000	22,428,027	23,428,027	12,698,326	36,126,353
1916	1,000,000	28,856,871	29,856,871	20,185,304	50,042,175
1917	1,000,000	30,333,445	31,333,445	19,082,191	50,415,641
1918	1,000,000	31,687,040	32,687,040	20,327,345	53,014,385
1919	1,000,000	54,096,853	55,096,853	21,035,398	76,132,251
1920	1,000,000	49,180,609	50,180,609	29,534,478	79,715,087
1921	1,000,000	19,441,609	20,441,609	28,013,868	48,455,477
1922	1,000,000	30,930,255	31,930,255	24,683,403	56,613,658
1923	1,000,000	34,627,175	35,627,175	31,265,070	66,892,245
1924	1,000,000	31,471,295	32,471,295	32,320,145	64,791,440
1925	1,000,000	30,133,849	31,133,849	30,092,021	61,225,870
1926	1,000,000	29,927,391	30,927,391	32,063,448	62,990,839
1927	1,000,000	25,450,491	26,450,491	30,369,237	56,819,728
1928	1,000,000	25,305,500	26,305,500	30,276,159	56,581,659
1929	1,000,000	23,873,136	24,873,136	32,030,531	56,903,667
1930	1,000,000	14,177,739	15,177,739	27,511,640	42,689,379
Total	136,875,000	995,649,427	1,132,524,427	607,442,817	1,739,967,244

Silver furnished for use in manufactures and the arts, and classification of the materials used since 1880

Calendar year	New material			Old material	Grand total
	United States coin	Domestic and foreign bullion and foreign coins	Total		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	464,063	2,126,326	2,590,389	203,540	2,793,929
1881–1885	773,435	18,426,369	19,199,804	1,573,954	20,773,758
1886–1890	773,435	24,155,908	24,929,343	3,378,303	28,307,646
1891–1895	541,406	34,690,186	35,231,592	4,754,381	39,985,973
1896–1900	386,720	44,685,289	45,072,009	5,998,567	51,070,576
1901–1905	386,720	82,233,057	82,619,777	15,007,946	97,627,723
1906–1910	386,720	104,035,447	104,422,167	18,342,642	122,764,809
1911	77,344	26,210,759	26,288,103	5,725,582	32,013,685
1912	77,344	22,567,477	22,644,821	7,291,699	29,936,520
1913	77,344	23,051,024	23,128,368	7,864,466	30,992,834
1914	77,344	22,474,287	22,551,631	6,758,330	29,309,961
1915	77,344	22,888,896	22,966,240	7,001,875	29,968,115
1916	77,344	22,126,917	22,204,261	9,899,246	32,103,507
1917	77,344	15,921,463	15,998,807	11,041,038	27,039,845
1918	77,344	26,644,989	26,722,333	9,530,263	36,252,596
1919	77,344	26,160,175	26,237,519	6,463,002	32,700,521
1920	77,344	19,202,785	19,280,129	8,694,392	27,974,521
1921	77,344	28,766,284	28,843,628	7,024,318	35,867,946
1922	77,344	31,209,187	31,286,531	6,623,568	37,910,099
1923	77,344	28,277,827	28,355,171	8,469,806	36,824,977
1924	77,344	24,586,892	24,664,236	8,930,580	33,594,816
1925	77,344	29,851,819	29,929,163	9,897,416	39,826,579
1926	77,344	29,330,257	29,407,601	10,000,792	39,408,393
1927	77,344	28,415,946	28,493,290	10,155,427	38,648,717
1928	77,344	24,853,939	24,931,283	10,616,380	35,547,663
1929	77,344	30,900,215	30,977,559	11,381,523	42,359,082
1930	77,344	26,797,034	26,874,378	9,468,829	36,343,207
Total	5,259,379	820,590,754	825,850,133	222,097,865	1,047,947,998

Issue of Fine Gold Bars for Gold Coin and Gold Bullion

The value of the fine gold bars issued in exchange for gold coin and bullion monthly by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1930, was as follows:

ISSUED IN EXCHANGE FOR GOLD COIN OR OTHER GOLD ASSETS THAN BULLION

[On value basis, see p. 62]

Month	Philadelphia	San Francisco	Denver	New York	Total
1930					
January	$55,363.36	$15,026.00	$5,002.27	$23,473,274.81	$23,548,666.44
February	96,380.70	15,025.43		3,338,267.10	3,449,673.23
March	50,347.53	15,022.74		3,233,151.24	3,298,521.51
April	81,389.22	10,011.78		2,780,249.11	2,871,650.11
May	45,269.32	15,025.84		2,452,287.93	2,512,583.09
June	45,190.33	30,872.57	10,002.48	3,580,174.10	3,666,239.48
July	70,952.26	15,021.60		22,208,427.65	22,294,401.51
August	20,207.69	5,065.17		33,253,267.77	33,278,480.63
September	40,297.84	20,027.38		3,075,838.53	3,136,163.75
October	45,615.44	10,007.44		3,130,548.79	3,186,171.67
November	60,647.72	15,011.17	5,001.05	2,318,163.30	2,398,823.24
December	45,335.69			2,566,832.82	2,612,168.51
Total	656,997.10	166,057.12	20,005.80	105,410,483.15	106,253,543.17
Prior year	926,263.75	1,368,964.52	25,023.97	120,691,326.86	123,011,579.10

ISSUED IN EXCHANGE FOR GOLD BULLION

1930					
January	$59,397.42	$6,421.35	$10,021.14	$212,342.86	$288,182.77
February	45,500.80	6,975.15	6,687.15	152,512.62	211,675.72
March	43,282.16	7,083.51	6,889.91	151,379.72	208,635.30
April	44,592.53	7,192.60	6,338.18	193,368.56	251,491.87
May	43,260.36	5,480.74	6,807.01	155,806.67	211,354.78
June	46,554.53	1,017.88	8,126.70	122,293.26	177,992.37
July	30,194.40	7,042.64	7,131.37	149,007.96	193,376.37
August	42,839.01	5,832.99	5,175.19	137,146.97	190,994.16
September	40,449.96	3,327.36	6,519.06	117,440.50	167,736.88
October	48,897.24	7,752.80	11,190.30	172,656.40	240,496.74
November	53,053.29	7,043.04	8,203.39	114,842.36	183,142.08
December	69,052.85	9,017.70	9,439.38	122,061.61	209,571.54
Total	567,074.55	74,187.76	92,528.78	1,800,859.49	2,534,650.58
Prior year	598,635.41	83,189.41	86,905.30	2,461,647.53	3,230,377.65

Domestic coinage of the United States mints during the calendar year 1930

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Double eagles		$1,480,000		$1,480,000	74,000
Eagles		960,000		960,000	96,000
Total gold		2,440,000		2,440,000	170,000
Quarter dollars	$1,408,000	389,000		1,797,000	7,188,000
Dimes	677,000	184,300		861,300	8,613,000
Total silver	2,085,000	573,300		2,658,300	15,801,000
5-cent nickels	1,142,450	271,750		1,414,200	28,284,000
1-cent bronze	1,574,150	242,860	$401,000	2,218,010	221,801,000
Total minor	2,716,600	514,610	401,000	3,632,210	250,085,000
Total value	4,801,600	3,527,910	401,000	8,730,510	
Total pieces	192,666,000	33,290,000	40,100,000		266,056,000

The coinage made for foreign governments during the calendar year 1930 by the mint at Philadelphia totaled 3,300,060 pieces as follows:

Country	Denomination	Gold	Silver	Nickel	Bronze
		Pieces	*Pieces*	*Pieces*	*Pieces*
Venezuela	10 bolivar	500,000			
Do.	2 bolivar		425,000		
Ecuador	2 sucre		100,000		
Do.	1 sucre		400,000		
Do.	50 centavo		155,000		
Nicaragua	25 centavo		20,000		
Do.	10 centavo		150,000		
Do.	5 centavo			100,000	
Do.	1 centavo				250,000
Panama	½ balboa		300,020		
Do.	¼ balboa		400,020		
Do.	⅒ balboa		500,020		
Total		500,000	2,450,060	100,000	250,000

Deposits of foreign gold bullion and coin during the calendar year 1930

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total coining value	Total fine ounces
North America:					
Canada	$15,002,646	$5,676,056		$20,678,702	1,000,332
British Columbia	7,515			7,515	364
Mexico	854,815		$11,669,659	12,024,474	581,684
Cuba			17,094	17,094	827
British West Indies	3,462			3,462	167
Central America	530,227		13,753	543,980	26,315
South America	3,891,893	1,462,201	994,246	6,348,340	307,101
Europe:					
Austria			802	802	39
Denmark			519	519	25
France			1,383,537	1,383,537	66,929
Germany			66,712	66,712	3,227
Great Britain		8,444	5,981,395	5,989,839	289,758
Netherlands			308	308	15
Portugal			1,075	1,075	52
Spain			35,971	35,971	1,740
Sweden			442	442	21
Turkey			7,772	7,772	376
Asia:					
China	18,183,484	101,136		18,284,620	884,519
Japan			123,700,369	123,700,369	5,984,005
Oceania (New Zealand)	210,840			210,840	10,200
Mixed coin			25,512	25,512	1,234
Total value	38,184,882	7,247,837	143,899,166	189,331,885	
Total fine ounces	1,847,194	350,614	6,961,122		9,158,930

Deposits of foreign silver bullion and coin during the calendar year 1930

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total	Total subsidiary coining value
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	199,522			199,522	$275,821
British Columbia	67			67	93
Mexico	1,161,367	755,663		1,917,030	2,650,119
British West Indies	10			10	14
Central America	13,762			13,762	19,024
South America	14,586		752	15,338	21,203
Asia (China)	8,200			8,200	11,336
Oceania (New Zealand)	365			365	505
Mixed coin			10,086	10,086	13,943
Total fine ounces	1,397,879	755,663	10,838	2,164,380	
Total subsidiary coining value	$1,932,440	$1,044,635	$14,983		2,992,058

The deposits of foreign silver received in trust for use in coinage for other governments amounted to 311,134 fine ounces of silver, not included in the above table, and all consisting of coin.

Deposits and purchases of gold

[On quantity

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	93. 151	4, 477. 330	51. 836	100. 544
2	Alabama	9. 587			
3	Arizona		27, 036. 510	103. 028	
4	California		171, 187. 285		25. 415
5	Colorado		23. 712	153, 218. 118	
6	Georgia	197. 926			4. 807
7	Idaho	44. 454	353. 692	583. 025	
8	Montana			129. 711	
9	Nevada		4, 058. 395	5. 440	
10	New Mexico			98. 863	
11	North Carolina	182. 962			
12	Oregon		3, 868. 869		
13	South Dakota			405, 938. 626	
14	Utah				
15	Washington		14. 210	4. 929	
16	Wyoming			304. 215	
17	Philippine Islands		33, 326. 330		
18	Grains, deposit melting room	71. 457	91. 823	23. 298	214. 463
19	Total unrefined	599. 537	244, 438. 156	560, 461. 089	345. 229
	Domestic refinery bullion:				
20	Less than 0.992 fine				1, 788. 154
21	Over 0.992 fine	29, 913. 822	1, 273, 138. 899		1, 358, 974. 788
22	Total domestic purchases	30, 513. 359	1, 517, 577. 055	560, 461. 089	1, 361, 108. 171
23	Foreign coin	468, 110. 093	6, 069, 076. 956	10, 744. 287	413, 158. 530
24	Foreign bullion, crude	182. 265	902, 850. 401	3, 243. 585	930, 558. 806
25	Foreign bullion refined		4, 892. 476		345, 721. 670
26	Jewelers' bars, dental scrap, etc	175, 010. 445	45, 438. 471	21, 608. 170	312, 431. 447
27	Total deposits purchased	673, 816. 162	8, 539, 835. 359	596, 057. 131	3, 362, 978. 624
	REDEPOSITS PURCHASED				
28	Domestic coin	133. 741	36. 157	52. 235	8, 148. 398
29	Bars stamped by U. S. Government	37. 979	19. 596		538, 416. 821
30	Surplus (recoveries)				
31	Shipment gains	807. 470	1, 002. 574	12. 153	737. 488
32	Total redeposits purchased	979. 190	1, 058. 327	64. 388	547, 302. 707
33	Total purchases	674, 795. 352	8, 540, 893, 686	596, 121. 519	3, 910, 281. 331
	REDEPOSITS TRANSFERRED				
34	Domestic coin from Treasury	98, 096. 151	23, 826. 134	12, 320. 799	
35	Domestic assay coins	75. 344			
36	Refined bars	6, 135, 155. 314			
37	Unrefined bars		435, 126. 712	17, 665. 474	98, 094. 294
38	Proof bullion		200. 000	50. 000	125. 000
39	Total redeposits transferred	6, 233, 326. 809	459, 152. 846	30, 036. 273	98, 219. 294
40	Grand total, fine ounces	6, 908, 122. 161	9, 000, 046. 532	626, 157, 792	4, 008, 500. 625
	Value of—				
41	Purchases	$13, 949, 257. 94	$176,555,941.77	$12, 322, 925. 46	$80, 832, 689. 03
42	Domestic coin, Treasury transfers	$2, 027, 827. 42	$492, 529. 89	$254, 693. 51	
43	Other transfers	$126, 826, 473. 54	$8, 999, 001. 79	$366, 211. 35	$2, 030, 373. 03
44	Total value	$142, 803, 558. 90	$186,047,473.45	$12, 943, 830. 32	$82, 863, 062. 06
	Number of fineness determinations required:				
45	Deposit of gold and silver	7, 087	9, 544	2, 504	13, 875
46	Redeposits purchased	2, 359	13		110
47	Redeposits transferred	20, 851	867	102	318
48	Deposits in trust	265			
49	Total determinations	30, 562	10, 424	2, 606	14, 303

during the calendar year 1890

[table see p. 63]

New Orleans	Carson	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
		20,679		360,120,967		364,972,907	1
						6,597	2
						27,139,536	3
	10,349			20,279	11,618	171,362,946	4
						139,261,630	5
						202,733	6
		15,213,679	46,734	42,439	7,264	16,269,837	7
			1,755,694	11,729		1,897,134	8
	3,963,064	279,912			96,117	6,934,929	9
						98,963	10
						162,963	11
		549,693		1,274,831	17,322	1,710,054	12
						405,998,626	13
					84,304	84,304	14
				3,028,956		3,059,995	15
			7,496		26,946	340,657	16
						33,326,330	17
8,741	1,107	7,698	1,858	37,391	1,439	448,851	18
8,741	3,973,770	16,066,981	1,811,727	364,503,963	257,010	1,195,496,902	19
				42,418,466		44,496,560	20
62,874				2,209,191		2,664,279,574	21
51,615	3,973,770	16,066,981	1,811,727	409,391,159	257,010	3,991,183,036	22
			916	31,625		6,961,122,191	23
5,185,614				4,969,583		1,847,198,633	24
						350,454,146	25
7,937,147	39,967	266,695	305,491	7,187,915	248,613	370,466,871	26
13,287,776	4,007,437	16,314,096	2,118,135	421,969,161	485,623	13,630,979,687	27
	4,761		468	2,319		5,379,079	28
						536,474,396	29
		2,295				2,295	30
		2,196	731			2,965,606	31
	4,761	6,420	1,199	2,319		549,426,111	32
13,287,776	4,012,198	16,320,596	2,119,327	421,972,480	485,623	14,179,995,998	33
1,366,376						135,638,460	34
						75,344	35
						6,135,101,314	36
						590,886,480	37
10,000	5,000	5,000		10,000		405,000	38
1,405,376	5,000	5,000		10,000		6,822,189,598	39
14,693,152	4,017,198	16,325,596	2,119,327	421,982,480	485,623	21,002,185,596	40
$276,556.41	$82,943.59	$337,374.79	$43,810.67	$8,714,676.46	$10,038.65	$280,156,614.96	41
926,444.99						82,603,801.81	42
$266.72	$103.36	$103.36		$200.72		$138,222,679.87	43
$203,696.16	$83,046.95	$337,478.14	$43,810.67	$8,714,883.18	$10,038.65	$454,153,189.30	44
338	202	246	184	1,469	43	35,492	45
				15		2,497	46
						22,136	47
						283	48
338	202	246	184	1,484	43	60,392	49

Deposits and purchases of silver

[On quantity

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES				
1	Alaska	*Fine ounces* 13.64	*Fine ounces* 650.68	*Fine ounces* 8.67	*Fine ounces* 134.69
2	Alabama	.77			
3	Arizona		18,889.10	21.28	
4	California		45,356.25		3.54
5	Colorado		5.52	202,859.32	
6	Georgia	22.79			.55
7	Idaho	27.97	112.31	219.06	
8	Michigan	4,968.34			3,587.15
9	Montana			21.08	
10	Nevada		3,617.28	.90	
11	New Mexico			258.01	
12	North Carolina	53.73			
13	Oregon		628.23		
14	South Dakota			105,040.07	
15	Utah				
16	Washington		2.87	.96	
17	Wyoming			80.94	
18	Philippine Islands		12,188.31		
19	Grains, deposit melting room	115.97	105.59	20.02	271.28
20	Total unrefined	5,203.21	81,556.14	308,530.31	3,997.21
	Domestic refinery bullion:				
21	Less than 0.992 fine				53,471.36
22	Over 0.992 fine	2,535,173.09			113,420.31
23	Total domestic purchases	2,540,376.30	81,556.14	308,530.31	170,888.88
24	Foreign coin	97.63	256.17		10,483.59
25	Foreign bullion, crude	29.69	1,059,261.32	5,836.58	325,685.56
26	Foreign bullion, refined	233,548.76		501,515.30	20,599.08
27	Jewelers' bars, dental scrap, etc	141,714.12	198,409.17	31,469.37	380,020.69
28	Total deposit purchases	2,915,766.50	133,948,280	847,351.56	907,677.80
	REDEPOSITS PURCHASED				
29	Domestic coin	7,173.92	534.59	2,135.39	
30	Bars stamped by U. S. Government				
31	Surplus (recoveries)				868.45
32	Shipment gains		1,168.57	379.17	4,710.03
33	Total redeposits purchased	7,173.92	1,703.16	2,514.56	5,578.48
34	Total purchases	2,922,940.42	1,341,185.96	849,866.12	913,256.28
	REDEPOSITS TRANSFERRED				
35	Domestic coin from Treasury	1,427,317.51	270,505.76	390,079.42	
36	Domestic assay coins	87.94			
37	Refined bars	554,094.91			
38	Unrefined bars				
39	Proof bullion		85,247.31	20,854.42	70,144.54
40	Total redeposits transferred	1,981,500.36	355,753.07	410,933.84	70,144.54
	DEPOSITED IN TRUST				
41	Domestic bullion refined	25,521.35			
42	Foreign coin	311,133.92			
43	Total trust deposits	336,655.27			
44	Grand total, fine ounces	5,241,096.05	1,696,939.03	1,260,799.96	983,400.82
	VALUE				
45	Cost of purchases	$1,205,975.26	$511,150.03	$367,379.18	$354,046.84
46	Cost of bullion transferred	331,706.68	32,281.75	8,399.33	37,678.20
47	Coining value of subsidiary bullion purchased	4,030,781.41	1,853,328.31	1,171,910.46	1,262,493.56
48	Subsidiary coining value of purchased and transferred domestic coin	1,983,175.21	374,688.58	542,201.22	

during calendar year 1930

basis, see p. 62]

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
		5.67		51,125.61		51,938.96	1
						.77	2
						18,910.38	3
	2.07			12.21	.86	45,374.93	4
						202,864.84	5
						23.34	6
		4,471.74	7.73	9.35	9.11	4,857.27	7
						8,555.49	8
			646.23	5.94		673.25	9
	19,788.54	215.53			8.73	23,630.98	10
						258.01	11
						53.73	12
		251.81		237.21	7.92	1,125.17	13
						105,040.07	14
					38.88	38.88	15
				179.94		183.77	16
			.57		5.10	86.61	17
						12,188.31	18
14.33	3.43	4.36	.79	4.61	.07	540.45	19
14.33	19,794.04	4,949.11	655.32	51,574.87	70.67	476,345.21	20
				7.87		53,479.23	21
						2,648,593.40	22
14.33	19,794.04	4,949.11	655.32	51,582.74	70.67	3,178,417.84	23
			.01	.37		10,837.77	24
5,860.85				1,204.99		1,397,878.99	25
						755,663.14	26
12,365.55	35.16	75.21	153.34	4,608.30	61.12	768,912.03	27
18,240.73	19,829.20	5,024.32	808.67	57,396.40	131.79	6,111,709.77	28
						9,843.90	29
						868.45	30
		17.34	46.97			6,322.68	31
		24.03				24.03	32
		41.37	46.97			17,058.46	33
18,240.73	19,829.20	5,065.69	855.64	57,396.40	131.79	6,128,768.23	34
						2,087,902.69	35
						87.94	36
						554,094.91	37
						176,246.27	38
						35.00	39
	25.00			10.00			
	25.00			10.00		2,818,366.81	40
						25,521.35	41
						311,133.92	42
						336,655.27	43
18,240.73	19,854.20	5,065.69	855.64	57,406.40	131.79	9,283,790.31	44
$7,143.24	$7,181.11	$1,851.97	$323.98	$20,940.41	$49.14	$2,476,041.16	45
	11.89			5.32		410,083.17	46
25,216.15	27,412.06	7,002.86	1,182.84	79,343.29	182.19	8,458,855.13	47
						2,900,065.01	48

Domestic coins, including assay pieces, withdrawn from

[On quantity

Denomination	Philadelphia		San Francisco		Denver	
	From Treasury stock	Purchased over the counter and assay pieces	From Treasury stock	Purchased over the counter	From Treasury stock	Purchased over the counter
Double eagles	$506,000.00	$2,140.00	$139,560.00	$160.00	$66,200.00	$340.00
Eagles	560,270.00	800.00	113,460.00	130.00	66,410.00	430.00
Half eagles	694,630.00	1,052.00	216,080.00	205.00	89,600.00	230.00
Quarter eagles	280,230.00	390.50	28,130.00	275.00	34,727.50	115.00
Three dollars	63.00	12.00				3.00
One dollar	143.00	30.00		2.00		14.00
Total gold, face value	2,041,336.00	4,424.50	497,230.00	772.00	256,937.50	1,132.00
Trade dollars		328.00				
Standard dollars		155.00		185.00		1,125.00
Half dollars	798,683.00	3,378.50	207,855.50	320.00	273,902.00	582.00
Quarter dollars	924,812.50	3,515.75	128,622.00	153.25	246,428.75	724.00
20-cent pieces	10.00		.80			
Dimes	450,443.50	3,019.10	73,781.20	90.00	81,556.00	675.20
Half dimes	69.00	1.30	8.40			
3-cent pieces	31.38	.81	.30			
Total silver, face value	2,174,049.38	10,398.46	410,268.20	748.25	601,886.75	3,106.20
5-cent pieces	136,602.20	123.35	19,788.35		40,735.15	277.50
3-cent pieces	108.90		.81			
1-cent pieces	55.60					
Total nickel, face value	136,826.70	123.35	19,789.16		40,735.15	277.50
2-cent pieces	83.70		.48			
1-cent pieces	19,316.95	143.80	1,499.80		3,251.77	115.63
Total bronze	19,400.65	143.80	1,500.28		3,251.77	115.63
1-cent pieces, copper	36.30					
Total face value	4,371,649.03	15,090.11	928,787.64	1,520.25	902,811.17	631.33
SUMMARY						
Metal obtained by melting the above:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Gold	98,096.151	209.085	23,826.134	36.157	12,320.799	52.235
Silver	1,427,317.51	7,261.86	270,505.76	534.59	390,079.42	2,135.39
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Nickel	415,667.00	394.19	59,532.50		121,964.86	829.79
Bronze	187,715.00	1,431.21	14,659.50		31,526.19	1,104.38
Copper	1,171.00					
Recoinage value:						
Gold	$2,027,827.45	$4,322.16	$492,529.90	$747.42	$254,693.53	$1,079.78
Silver	1,973,136.30	10,038.85	373,949.50	739.00	539,249.25	2,951.99
Nickel	129,168.31	122.55	18,517.10		37,936.20	258.10
Bronze	18,771.50	143.13	1,465.95		3,152.61	110.45
Copper	33.44					
Total	4,148,937.00	14,626.69	886,462.45	1,486.42	835,031.59	4,400.32
Loss by recoinage:						
Gold	13,508.55	102.34	4,700.10	24.58	2,243.97	52.22
Silver	200,913.08	359.61	36,318.70	9.25	62,637.50	154.21
Nickel	7,658.39	.80	1,272.06		2,798.95	19.40
Bronze	629.15	.67	34.33		99.16	5.18
Copper	2.86					
Total	222,712.03	463.42	42,325.19	33.83	67,779.58	231.01

monetary use during the calendar year 1930

basis, see p. 62]

New York	New Orleans	Carson	Helena	Seattle	Total		
Purchased over the counter	Purchased over the counter	Purchased over the counter	Purchased over the counter	Purchased over the counter	From Treasury stock	Purchased over the counter and assay pieces	Grand total
$28,300.00	$8,820.00	$100.00			$711,760.00	$39,860.00	$751,620.00
51,080.00	8,530.00		$10.00	$20.00	740,140.00	61,000.00	801,140.00
88,875.00	11,670.00			15.00	1,000,310.00	102,047.00	1,102,357.00
1,850.00	145.00			40.00	343,087.50	2,815.50	345,903.00
72.00					63.00	87.00	150.00
185.00	9.00				143.00	240.00	383.00
170,362.00	29,174.00	100.00	10.00	75.00	2,795,503.50	206,049.50	3,001,553.00
						328.00	328.00
						1,465.00	1,465.00
					1,280,440.50	4,280.50	1,284,721.00
					1,299,863.25	4,393.00	1,304,256.25
					10.80		10.80
					605,780.70	3,784.30	609,565.00
					77.40	1.30	78.70
					31.68	.81	32.49
					3,186,204.33	14,252.91	3,200,457.24
					197,185.70	400.85	197,586.55
					109.71		109.71
					55.60		55.60
					197,351.01	400.85	197,751.86
					84.18		84.18
					24,068.52	259.43	24,327.95
					24,152.70	259.43	24,412.13
					36.30		36.30
170,362.00	29,174.00	100.00	10.00	75.00	6,203,247.84	220,962.69	6,424,210.53
Fine ounces 8,148.398	*Fine ounces* 1,395.376	*Fine ounces* 4.761	*Fine ounces* 0.468	*Fine ounces* 3.319	*Fine ounces* 134,243.084	*Fine ounces* 9,849.799	*Fine ounces* 144,092.883
					2,087,902.69	9,931.84	2,097,834.53
Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
					597,164.36	1,223.98	598,388.34
					233,900.69	2,535.59	236,436.28
					1,171.00		1,171.00
$168,442.34	$28,844.95	$98.41	$9.67	$68.61	$2,775,050.88	$203,613.34	$2,978,664.22
					2,886,335.05	13,729.84	2,900,064.89
					185,621.61	380.65	186,002.26
					23,390.06	253.58	23,643.64
					33.44		33.44
168,442.34	28,844.95	98.41	9.67	68.61	5,870,431.04	217,977.41	6,088,408.45
1,919.66	329.05	1.59	.33	6.39	20,452.62	2,436.16	22,888.78
					299,869.28	523.07	300,392.35
					11,729.40	20.20	11,749.60
					762.64	5.85	768.49
					2.86		2.86
1,919.66	329.05	1.59	.33	6.39	332,816.80	2,985.28	335,802.08

Gold and silver domestic exports, by

[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,656	43,826	3,651,679	75,452,202	39,219,063		114,715,091
EUROPE							
France			[1] 3,572,228	73,808,305			73,808,305
Germany			5,139	106,229	95,000		201,229
Italy			[1] 48,380	1,000,113	2,000,000		3,000,113
Netherlands					1,200		1,200
Norway							
Poland and Danzig					500		500
United Kingdom	188	3,891					3,891
NORTH AMERICA							
Canada	2,468	39,935	9,343	194,853	36,508,923		36,743,711
Central America:							
Panama							
Mexico			[1] 16,589	342,702	71,990		414,692
West Indies and Bermudas:							
British—							
Trinidad and Tobago							
Other British							
Dominican Republic							
SOUTH AMERICA							
Argentina							
Colombia					50,000		50,000
Guiana-Surinam							
Peru					40,250		40,250
ASIA							
British India							
China							
Java and Madura					50,000		50,000
Hong Kong					401,200		401,200
Japan							

[1] United States mint or assay office bars.

countries, during the calendar year 1930

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
3,741	1,546	112,897,446	43,502,964	45,076		43,549,586
		2,637,352	973,109			973,109
		22,571	9,769			9,769
661	231	4,438,686	1,746,523			1,746,754
3,080	1,315	[1] 30,851	12,300	9,086		526,734
		1,242,122	504,033			
				10,000		10,000
				110		110
		1,445	633			633
				1,880		1,880
				24,000		24,000
		39,190	16,083			16,083
		6,384	1,796			1,796
		11,001	3,866			3,866
		[1] 805,563	328,948			8,660,176
		21,968,330	8,331,228			
		[1] 720,059	281,622			26,559,931
		67,931,101	26,278,309			
		[1] 144,171	58,115			5,010,380
		12,889,257	4,952,265			
		9,363	4,365			4,365

Gold and silver domestic exports, by customs

[Compiled by Bureau of Foreign

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,656	43,826	3,651,679	75,452,202	39,219,063		114,715,091
Maine and New Hampshire							
New York			[1]3,637,197	75,151,120	2,253,740		77,511,089
GULF COAST DISTRICT			5,139	106,229			
Florida							
MEXICAN BORDER DISTRICTS							
El Paso					55,200		55,200
PACIFIC COAST DISTRICTS							
Los Angeles							
San Francisco	188	3,891			401,200		405,091
Washington	230	4,600	521	10,683	8,045		23,328
NORTHERN BORDER DISTRICTS							
Buffalo	2,238	35,335	606	12,531			47,866
Dakota			53	1,049			1,049
Michigan			1,219	26,674	743		27,417
St. Lawrence			6,648	137,503	36,500,135		36,637,638
Vermont			296	6,413			6,413

[1] United States mint or assay office bars.

districts, during the calendar year 1930

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
3,741	1,546	112,897,446	43,502,964	45,076		43,549,586
				89		89
		[1] 905,326	369,726	34,380		29,102,844
		75,026,021	28,698,738			
				1,500		1,500
				110		110
		[1] 764,467	298,959			13,918,398
661	231	34,928,659	13,619,208			
3,080	1,315	6,516	3,029			4,344
		[1] 30,851	12,300			454,437
		1,092,689	442,137			
		770	336	8,997		9,333
		142,147	58,531			58,531

Gold and silver foreign exports, by countries and

[Compiled by Bureau o

Countries and customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Foreign exports						1,252,241	1,252,241
COUNTRIES							
EUROPE							
United Kingdom						285,000	285,000
NORTH AMERICA							
Canada							
Central America:						2,462	2,462
Nicaragua							
Panama							
Mexico							
Newfoundland and Labrador						50	50
West Indies and Bermudas:							
British—							
Trinidad and Tobago							
Other British							
Cuba							
SOUTH AMERICA							
Ecuador							
Venezuela						964,729	964,729
ASIA							
British India							
China							
Hong Kong							
OCEANIA							
British Oceania							
CUSTOMS DISTRICTS							
ATLANTIC COAST DISTRICT							
Maine and New Hampshire							
New York						1,249,729	1,249,729
GULF COAST DISTRICT							
Florida							
MEXICAN BORDER DISTRICTS							
Arizona							
El Paso							
PACIFIC COAST DISTRICTS							
Alaska							
Los Angeles							
San Diego						50	50
San Francisco							
Washington							
NORTHERN BORDER DISTRICTS						120	120
Buffalo							
Dakota							
Michigan							
Montana and Idaho							
St. Lawrence							
Vermont						2,139	2,139
						203	203

customs districts, during the calendar year 1930

Foreign and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
		18, 622, 547	7, 392, 959		3, 214, 039	10, 606, 998
		853, 653	307, 250			307, 250
					1, 290, 482	1, 290, 482
					20, 000	20, 000
					303, 000	303, 000
					1, 377, 268	1, 377, 268
					250	250
					20, 695	20, 695
					1, 500	1, 500
					667	667
					36, 000	36, 000
					164, 050	164, 050
		2, 386, 371	889, 023			889, 023
		13, 179, 772	5, 308, 982			5, 308, 982
		2, 202, 751	887, 704			887, 704
					127	127
					383	383
		8, 215, 681	3, 074, 276		543, 745	3, 618, 021
					2, 167	2, 167
					482, 024	482, 024
					452, 500	452, 500
					500	500
					214, 602	214, 602
					228, 142	228, 142
		10, 406, 866	4, 318, 683		127	4, 318, 810
					219, 124	219, 124
					400, 398	400, 398
					15, 786	15, 786
					140, 148	140, 148
					11, 750	11, 750
					316, 300	316, 300
					186, 343	186, 343

Gold and silver imports, by countries,
[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	911,338	17,565,829	2,974,891	56,477,627	160,801,740	161,208,499	396,053,695
EUROPE							
Azores and Madeira Islands					2,800		2,800
Belgium	311	6,233					6,233
Finland	126	2,520					2,520
France	6,451	129,310			1,965	1,775	133,050
Germany	1,374	27,472					27,472
Gibraltar							
Italy	187	3,733					3,733
Netherland	422	8,440	409	8,429		390	17,259
Portugal							
Spain	4,520	90,400			2,103		92,503
Sweden	25,095	501,894					501,894
Switzerland						4,580	4,580
United Kingdom	685	13,661					13,661
NORTH AMERICA							
Canada	297,375	5,269,008	1,024,116	16,348,575	20,200,674	1,800,030	43,618,287
Central America:							
Costa Rica	3,790	64,854	1,666	33,940	2,000		100,794
Guatemala	2,895	58,880	11,572	236,846			295,726
Honduras	3,959	77,810	9,133	182,658			260,468
Nicaragua	7,046	77,744	9,676	197,643	94,700		370,087
Panama	75	1,200	65	1,300	197,500	8,275	208,275
Salvador					462,000		462,000
Mexico	122,189	2,506,242	112,441	2,273,535	58,716	15,966,139	20,804,632
West Indies and Bermudas:							
British—							
Barbados					2,748		2,748
Jamaica							
Trinidad and Tobago	736	13,206					
Other British	168	3,200			84,830		98,036
Cuba	3,970	63,914	3,326	68,221	4,155		7,355
Dominican Republic					1,650,325	151,305	1,933,765
Netherland West Indies	50	1,000			139,500		140,500
Haiti, Republic of	80	1,600					1,600
Virgin Islands of U. S							
SOUTH AMERICA							
Argentina	82	1,640					
Bolivia	2,225	44,070			19,395,261	875,410	20,272,311
Brazil	2	40	[1] 187,604	3,255,159		2,686,333	2,730,403
Chile	13,953	279,182	62,024	1,260,208	71,474,915	11,776,312	87,775,634
Colombia	45,094	814,651	7,694	159,045			438,227
Guiana (British)			[1] 147,777	3,054,168		5,000	9,096,000
Surinam (Netherland)	779	14,473	253,831	5,222,781	1,000		1,000
Ecuador	75,275	1,551,343	212	4,377			18,850
Peru	88,077	1,748,288	[1] 153,103	3,156,151	253,600	1,415,095	1,551,343
Uruguay			15,818	322,767			6,895,901
Venezuela	8,734	155,962	23,869	491,300	8,343,985	9,733	8,353,718
ASIA					4,100,000		4,747,262
British India			18	366			
British Malaya					33,000		366
China	1	20	491,844	10,104,966	220,920		33,000
Java and Madura	9,241	189,126	75,621	1,562,663			10,325,906
Hong Kong			397,878	8,210,766	4,075,043		1,751,789
Japan			4,894	101,123	30,000,000	126,508,122	12,285,809
Philippine Islands	179,862	3,714,564					156,609,245
Soviet Russia in Asia							3,714,564
OCEANIA							
Australia	2,682	53,640					53,640
New Zealand	381	7,875	10,300	211,640			219,515
AFRICA							
Belgian Congo	2,709	54,184					54,184
British South Africa	737	14,450					14,450

[1] United States mint or assay-office bars.

during the calendar year 1930
and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
53, 895, 856	21, 275, 154	46, 307, 557	17, 902, 213	1, 810, 222	1, 773, 252	42, 760, 841
				97		97
45, 276	18, 481					18, 481
4, 284	1, 499					1, 499
154, 066	57, 041			7, 299		64, 340
91, 873	37, 601			454	132	38, 187
				925		925
25, 577	9, 691					9, 691
33, 583	11, 575					11, 575
8, 800	3, 648					3, 648
123, 002	47, 610					47, 610
31, 368	15, 682					15, 682
					90	90
28, 094	11, 244			6, 010	1, 394	18, 648
8, 756, 431	3, 535, 993	[1] 191, 343 2, 933, 480	76, 537 1, 082, 965	1, 421, 998		6, 117, 493
709, 668	263, 134	1, 981, 314	763, 259			1, 026, 393
7, 899	3, 658	30, 204	12, 770	40, 774		57, 202
				123, 780	136, 952	260, 732
20, 280, 615	7, 885, 622	40, 133, 589	15, 529, 544	25, 600	1, 456, 583	24, 897, 349
				1, 880	250	2, 130
53	22			2, 625	200	2, 847
				956		956
				5, 505		5, 505
63, 317	24, 633	854	359		52	25, 044
				117, 400		117, 400
				3, 870		3, 870
				40, 790		40, 790
				1, 900		1, 900
17, 208	7, 149					7, 149
1, 802, 279	677, 738					677, 738
250	82					82
4, 847, 712	1, 829, 251			2, 000		1, 831, 251
244	90	2, 653	1, 041			1, 131
				679		679
					7, 599	54, 669
114, 892	47, 070					5, 907, 506
14, 380, 119	5, 855, 985	139, 378	51, 521			
				1, 870	170, 000	171, 870
				160		1, 983
398	151	3, 967	1, 672	3, 650		3, 650
						491, 515
270, 114	109, 097	890, 454	382, 418			
						42, 604
114, 041	42, 604					38, 564
107, 121	38, 564					
						10, 671
29, 024	10, 671					1, 107
2, 801	980	321	127			
						725, 872
1, 838, 997	725, 872					2, 716
6, 750	2, 716					

Gold and silver imports, by customs

[Compiled by Bureau of Foreign

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	911,338	17,565,829	2,974,891	56,477,627	160,801,740	161,208,499	396,053,695
ATLANTIC COAST DISTRICT							
Maine and New Hampshire	2	40	7	132	352		524
Maryland	65,028	1,343,867					1,343,867
New York	234,158	4,584,836	[1] 458,484	9,465,478	106,938,967	18,734,208	147,754,466
Philadelphia			391,083	8,030,977			
Porto Rico							
GULF COAST DISTRICTS							
Florida							
New Orleans	6,304	63,423	1,657	32,616	140		140
MEXICAN BORDER DISTRICTS							96,039
Arizona	11,357	227,374	51,217	1,037,318	2,015		1,266,707
El Paso	4,178	83,560			55,000	1,298,294	1,436,854
San Antonio			60,037	1,211,888	110	14,667,845	15,879,843
PACIFIC COAST DISTRICTS							
Alaska	81	1,655	1,473	30,450			32,105
Los Angeles					71		71
San Diego			43	736			736
San Francisco	273,021	5,596,795	988,254	20,350,039	28,554,763	106,590,888	161,092,485
Washington	112,730	2,254,391			6,250,187	19,917,234	28,421,812
NORTHERN BORDER DISTRICTS							
Buffalo	196,647	3,310,994	729	15,027			3,326,021
Dakota							
Duluth and Superior							
Michigan	7,807	98,414					98,414
Montana and Idaho							
St. Lawrence							
Vermont			1,021,907	16,302,966	19,000,110	10	35,303,086
INTERIOR					25	20	45
Colorado	25	480					480

[1] United States mint or assay office bars.

districts, during the calendar year 1930

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
53, 895, 856	21, 275, 154	46, 307, 357	17, 902, 213	1, 810, 222	1, 773, 252	42, 760, 841
				124		124
12, 450, 305	4, 706, 010					4, 706, 010
24, 384, 447	9, 695, 985	10, 606, 142	4, 009, 715	317, 983	316, 537	14, 340, 220
					132	132
				26, 400		26, 400
				1, 779		1, 779
4, 352	2, 098	327	188	4, 274		6, 560
1, 964, 698	750, 165	2, 696, 558	1, 161, 794	3, 678	669, 724	2, 585, 361
972, 743	362, 271	1, 642, 418	684, 335	4, 600	234, 000	1, 285, 206
		27, 252, 670	10, 489, 880		25, 991	10, 515, 871
				4, 000	358, 990	362, 990
				17, 000	167, 878	184, 878
4, 779, 987	1, 972, 652	924, 619	396, 799	8, 510		2, 377, 961
4, 698, 895	1, 924, 056			160, 143		2, 084, 199
151, 556	58, 078	149, 422	63, 756	604, 349		726, 183
				8, 936		8, 936
				52, 542		52, 542
				8, 190		12, 658
13, 088	4, 468			32, 259		1, 908, 167
4, 475, 785	1, 799, 371	1 191, 243	76, 557	551, 355		1, 870, 465
		2, 783, 858	1, 019, 110	4, 100		4, 199
		200	99			

Summary of exports and imports of gold and silver, calendar year 1930

Description	Gold				Silver			
	Exports			Imports	Exports			Imports
	Domestic	Foreign	Total		Domestic	Foreign	Total	
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Grand total	114, 715, 091	1, 252, 241	115, 967, 332	396, 053, 695	43, 549, 586	10,606,998	54, 156, 584	42, 760, 841
In ore and base bullion	43, 826		43, 826	17, 565, 829	3, 023		3, 023	21, 275, 154
Refined bullion	75, 452, 202		75, 452, 202	56, 477, 627	43, 501, 487	7, 392, 959	50, 894, 446	17, 902, 213
Coin:								
United States	39, 219, 063		39, 219, 063	160, 801, 740	45, 076		45, 076	1, 810, 222
Foreign		1, 252, 241	1, 252, 241	161, 208, 499		3, 214, 039	3, 214, 039	1, 773, 252

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

78428—31——5

Bases used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the mint bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial

use; since 1928 the additional factor of gold coin "earmarked" or set aside for foreign owners, has been considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal reserve system (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation will hereafter include the coin received for recoinage but not yet reviewed, which is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Deposits and purchases of gold during

[On quantity

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES				
1	Alaska	*Fine ounces* 73.191	*Fine ounces* 5,469.395	*Fine ounces* 25.271	*Fine ounces* 32.455
2	Alabama	14.186		12.902	
3	Arizona		39,711.330	197.403	
4	California		180,738.155		159.493
5	Colorado		21.184	150,302.121	
6	Georgia	6.754			
7	Idaho	44.454	376.840	711.253	
8	Montana		304.240	178.723	
9	Nevada		5,081.708	48.263	
10	New Mexico		22.657	226.705	
11	North Carolina	45.654			24.733
12	Oregon		4,314.110		
13	South Carolina				13.444
14	South Dakota			439,920.543	
15	Utah		9.194	17.104	
16	Washington		12.308	4.929	
17	Wyoming			189.671	
18	Philippine Islands		33,666.867		
19	Grains, deposit melting room	82.909	75.415	18.505	80.559
20	Total unrefined	267.148	269,803.403	591,853.393	310.684
	Domestic refinery bullion:				
21	Less than 0.992 fine				515.232
22	Over 0.992 fine	20,949.618	1,104,551.935		1,329,413.704
23	Total domestic purchases	21,216.766	1,374,355.338	591,853.393	1,330,239.620
24	Foreign coin	283,436.361	955,731.288	15,046.130	1,131,938.541
25	Foreign bullion, crude	6.238	861,510.085	5,524.312	742,783.897
26	Foreign bullion, refined		210,323.744		1,477,775.988
27	Jewelers bars, dental scrap, etc	178,649.872	47,061.888	22,383.000	294,024.652
28	Total deposits purchased	483,309.237	3,448,982.343	634,806.835	4,976,762.698
	REDEPOSITS PURCHASED				
29	Domestic coin				
30	Bars stamped by U. S. Government	290.822	39.911	181.740	10,434.184
31	Surplus (recoveries)	14.804	58.247		146,779.455
		1,102.441	910.170	18.967	1,266.712
32	Total redeposits purchased	1,408.067	1,008.328	200.707	158,480.351
33	Total purchases	484,717.304	3,449,990.671	635,007.542	5,135,243.049
	REDEPOSITS TRANSFERRED				
34	Domestic coin from Treasury	101,880.726	24,976.598	23,417.223	
35	Domestic assay pieces	32.411			
36	Refined bars			6.957	
37	Unrefined bars		492,101.327	18,639.670	
38	Proof bullion		150.000	50.000	25.000
39	Total redeposits transferred	101,913.137	517,227.925	42,113.850	25.000
40	Grand total, fine ounces	586,630.441	3,967,218.596	677,121.392	5,135,268.049
	Value of—				
41	Purchases	$10,019,995.95	$71,317,637.04	$13,126,771.01	$106,154,895.52
42	Domestic coin Treasury transfers	$2,106,061.54	$516,312.07	$484,076.96	
43	Other transfers	$670.02	$10,175,738.00	$386,493.48	$516.80
44	Total value	$12,126,727.51	$82,009,687.11	$13,997,341.45	$106,155,412.32
	Number of fineness determinations required:				
45	Deposits of gold and silver	7,132	9,026	2,596	12,976
46	Redeposits purchased	28	17		45
47	Redeposits transferred	247	952	92	
48	Deposits in trust	303			
49	Total determinations	7,710	9,995	2,688	13,021

the fiscal year ended June 30, 1931

basis, see p. 62]

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
		20. 079		405, 831. 517		411, 451. 908	1
						27. 088	2
						39, 908. 733	3
	3. 276			41. 828	5. 372	180, 948. 124	4
						150, 323. 305	5
						6. 754	6
		16, 402. 716	55. 565	60. 460	7. 264	17, 658. 552	7
			2, 376. 914	24. 913		2, 884. 790	8
	5, 994. 054	226. 303			237. 911	11, 588. 239	9
						249. 362	10
						70. 387	11
		1, 238. 724		1, 166. 617	17. 322	6, 736. 773	12
						13. 444	13
						439, 920. 543	14
					117. 850	144. 148	15
				2, 967. 646		2, 984. 783	16
					28. 946	226. 113	17
			7. 496			33, 666. 867	18
7. 138	2. 442	5. 317	1. 773	25. 753		299. 811	19
7. 138	5, 999. 772	17, 893. 139	2, 441. 748	410, 118. 634	414. 665	1, 299, 109. 724	20
				1, 424. 962		1, 940. 194	21
				41, 955. 700		2, 496, 988. 536	22
117. 579							
124. 717	5, 999. 772	17, 893. 139	2, 441. 748	453, 499. 296	414. 665	3, 798, 038. 454	23
			. 910	36. 248		2, 396, 189. 478	24
5, 149. 354				483. 796		1, 615, 437. 679	25
						1, 688, 999. 732	26
8, 576. 615	24. 394	286. 717	338. 184	7, 468. 815	294. 108	559, 107. 745	27
13, 850. 686	6, 024. 166	18, 179. 856	2, 780. 842	461, 487. 602	708. 773	10, 046, 893. 088	28
				1. 628		12, 171. 587	29
1, 215. 652	7. 650					146, 852. 506	30
		5. 432		2. 876		3, 310. 238	31
3. 640							
				4. 504		162, 334. 331	32
1, 219. 292	7. 650	5. 432					
15, 069. 978	6, 031. 816	18, 185. 288	2, 780. 842	461, 492. 156	708. 773	10, 209, 227. 419	33
						150, 274. 547	34
						32. 411	35
						6. 907	36
						510, 745. 997	37
				10. 000		240. 000	38
	5. 000						
				10. 000		661, 294. 912	39
	5. 000						
15, 069. 978	6, 036. 816	18, 185. 288	2, 780. 842	461, 502. 156	708. 773	10, 870, 522. 331	40
$311, 522. 29	$124, 668. 08	$375, 923. 48	$57, 484. 97	$9, 539, 889. 57	$14, 651. 57	$211, 043, 460. 08	41
						$3, 106, 450. 57	42
				$206. 72		$10, 563, 728. 38	43
	$103. 36						
$311, 522. 29	$124, 792. 04	$375, 923. 48	$57, 484. 97	$9, 540, 096. 29	$14, 651. 57	$224, 713, 639. 03	44
				1, 460	55	34, 404	45
362	266	287	244	10		100	46
						1, 291	47
						303	48
362	266	287	244	1, 470	55	36, 098	49

Deposits and purchases of silver during

[On quantity

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	11.24	858.97	2.92	8.88
2	Alabama	2.16		2.46	
3	Arizona		25,369.64	39.61	
4	California		43,343.83		86.06
5	Colorado		3.41	88,409.25	
6	Georgia	.68			
7	Idaho	27.97	127.49	271.06	
8	Michigan	2,812.24			
9	Montana		692.02	20.27	
10	Nevada		5,548.79	18.42	
11	New Mexico		2.69	142.20	
12	North Carolina	8.94			2.25
13	Oregon		722.80		
14	South Carolina				.24
15	South Dakota			112,457.41	
16	Utah		.36	1.93	
17	Washington		2.45	.96	
18	Wyoming			35.30	
19	Philippine Islands		12,960.49		
20	Grains, deposit melting room	98.06	95.42	13.71	73.73
21	Total unrefined	2,961.29	89,728.36	201,415.50	171.16
22	Domestic refinery bullion: Less than 0.992 fine				42,988.34
23	Over 0.992 fine	966,828.91			176,575.87
24	Total domestic purchases	969,790.20	89,728.36	201,415.50	219,735.37
25	Foreign coin	213.02			77,961.13
26	Foreign bullion, crude	.38	1,004,540.91	28,395.34	244,256.16
27	Foreign bullion, refined	32,521.43			20,053.33
28	Jeweler's bars, dental scrap, etc	115,420.88	115,685.89	29,539.87	306,312.21
29	Total deposits purchased	1,117,945.91	1,209,955.16	259,350.71	868,318.20
	REDEPOSITS PURCHASED				
30	Domestic coin	5,113.62	302.65	1,411.28	
31	Bars stamped by U. S. Government				1,219.96
32	Surplus (recoveries)			459.55	3,361.32
33	Total redeposits purchased	5,113.62	302.65	1,870.83	4,581.28
34	Total purchases	1,123,059.53	1,210,257.81	261,221.54	872,899.48
	REDEPOSITS TRANSFERRED				
35	Domestic coin from Treasury	2,825,625.41	307,613.79	475,103.32	
36	Domestic assay pieces	25.68			
37	Unrefined bars		90,340.05	15,942.55	
38	Proof bullion				
39	Total redeposits transferred	2,825,651.09	397,953.84	491,045.87	
	DEPOSITED IN TRUST				
40	Foreign coin	569,061.57			
41	Total trust deposits	569,061.57			
42	Grand total, fine ounces	4,517,772.19	1,608,211.65	752,267.41	872,899.48
	VALUE				
43	Cost of purchases	$378,388.44	$378,552.27	$82,184.20	$271,543.06
44	Cost of bullion transferred		29,685.76	5,455.77	
45	Coining value of subsidiary bullion purchased	1,545,458.32	1,672,652.72	359,164.00	1,206,703.96
46	Subsidiary coining value of purchased and transferred domestic coin	3,913,274.18	425,666.41	658,738.00	

he fiscal year ended June 30, 1931

basis, see p. 62]

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
		5. 67		57, 590. 88		58, 478. 56	1
						4. 62	2
						25, 409. 25	3
	1. 37			15. 34	0. 61	43, 447. 21	4
						88, 412. 66	5
						. 68	6
		4, 490. 13	8. 14	192. 44	9. 11	5, 126. 34	7
						2, 812. 24	8
			830. 92	3. 99		1, 547. 20	9
	21, 386. 48	193. 25			56. 72	27, 263. 66	10
						144. 89	11
						11. 19	12
		326. 74		175. 22	7. 92	1, 232. 68	13
						. 24	14
						112, 457. 41	15
					39. 42	41. 71	16
				169. 13		172. 54	17
			. 57		5. 10	40. 97	18
						12, 960. 49	19
6. 81	1. 34	6. 16	. 64	4. 16		303. 08	20
6. 81	21, 392. 24	5, 021. 95	840. 27	58, 151. 16	118. 88	379, 807. 62	21
				15. 04		43, 003. 38	22
						1, 143, 404. 78	23
6. 81	21, 392. 24	5, 021. 95	840. 27	58, 166. 20	118. 88	1, 566, 215. 78	24
			. 01	. 19		78, 174. 35	25
3, 951. 26				98. 24		1, 281, 242. 29	26
						52, 574. 76	27
7, 043. 32	6. 96	92. 00	302. 48	3, 471. 78	79. 17	577, 954. 56	28
11, 001. 39	21, 399. 20	5, 113. 95	1, 142. 76	61, 736. 41	198. 05	3, 556, 161. 74	29
						6, 827. 55	30
						1, 219. 96	31
				47. 07		3, 932. 62	32
28. 56		36. 12					
28. 56		36. 12		47. 07		11, 980. 13	33
11, 029. 95	21, 399. 20	5, 150. 07	1, 142. 76	61, 783. 48	198. 05	3, 568, 141. 87	34
						3, 608, 342. 52	35
						25. 68	36
						106, 282. 60	37
					20. 00	45. 00	38
	25. 00						
	25. 00				20. 00	3, 714, 695. 80	39
						569, 061. 57	40
						569, 061. 57	41
11, 029. 95	21, 424. 20	5, 150. 07	1, 142. 76	61, 783. 48	218. 05	7, 851, 899. 24	42
					$61. 23	$1, 143, 160. 98	43
$3, 520. 84	$6, 932. 30	$1, 619. 38	$360. 69	$19, 998. 57	10. 91	35, 164. 33	44
	11. 89				273. 79	4, 923, 192. 42	45
15, 247. 90	29, 582. 44	7, 119. 50	1, 579. 76	85, 410. 03			
						4, 997, 678. 59	46

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis, see p. 62]

Fiscal year ended June 30—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873	$28,868,570	$27,116,948	$426,108	$518,542	$774,218	$57,704,386
1874	29,736,388	6,275,367	3,162,520	9,313,882	654,354	49,142,511
1875	34,266,125	1,714,311	739,440	1,111,792	724,626	38,556,294
1876	37,590,529	417,947	1,141,906	2,111,084	681,819	41,943,285
1877	43,478,104	447,340	1,931,163	2,093,261	837,911	48,787,779
1878	48,075,124	301,022	2,068,679	1,316,461	907,932	52,669,218
1879	38,549,706	198,083	1,069,797	1,498,820	937,751	42,254,157
1880	35,821,705	209,329	21,200,997	40,426,560	1,176,506	98,835,097
1881	35,815,037	440,777	37,771,472	55,462,386	1,343,431	130,833,103
1882	31,298,512	599,357	12,783,807	20,304,811	1,770,166	66,756,653
1883	32,481,642	374,129	4,727,143	6,906,084	1,858,108	46,347,106
1884	29,079,596	263,117	6,023,735	9,995,462	1,864,769	46,326,679
1885	31,584,437	325,210	11,221,847	7,893,218	1,869,363	52,894,075
1886	32,456,494	393,545	4,317,068	5,675,565	2,069,077	44,909,749
1887	32,973,027	516,985	22,571,329	9,896,512	2,265,220	68,223,073
1888	32,406,307	492,513	21,741,042	14,596,885	2,988,751	72,225,498
1889	31,440,779	585,067	2,136,517	4,447,476	3,526,597	42,136,436
1890	30,474,900	655,475	2,691,932	5,298,774	3,542,014	42,663,095
1891	31,555,117	583,847	4,054,823	8,256,304	4,035,710	48,485,801
1892	31,961,546	557,968	10,935,155	14,040,188	3,636,603	61,131,460
1893	33,286,168	792,470	2,247,731	6,293,296	3,830,176	46,449,841
1894	38,696,951	2,093,615	15,614,118	12,386,407	3,118,422	71,909,513
1895	44,371,950	1,188,258	14,108,436	2,278,614	3,213,809	65,161,067
1896	53,910,957	1,670,006	6,572,390	3,227,409	3,388,622	68,769,384
1897	60,618,240	1,015,314	9,371,521	13,188,014	2,810,249	87,003,338
1898	69,151,121	1,187,683	26,477,370	47,210,078	2,936,943	147,693,195
1899	76,252,487	1,158,308	30,336,560	32,785,152	2,964,684	143,497,191
1900	87,458,836	1,389,097	22,720,150	18,834,496	3,517,541	133,920,120
1901	92,929,696	1,116,180	27,189,659	27,906,489	3,959,657	153,101,681
1902	94,622,079	1,488,448	18,189,417	13,996,162	4,284,724	132,580,830
1903	96,514,298	960,908	16,331,059	8,950,595	4,247,583	127,004,443
1904	87,745,627	2,159,818	36,802,224	46,152,784	4,892,931	177,753,384
1905	101,618,315	3,404,967	17,645,527	15,141,678	5,568,483	143,378,970
1906	103,838,268	1,514,291	36,317,865	6,648,512	4,790,558	153,109,494
1907	114,217,462	2,754,283	36,656,546	17,221,252	5,731,112	176,580,655
1908	111,735,878	3,989,773	71,774,351	13,684,426	6,231,547	207,415,975
1909	119,727,439	3,432,288	16,021,521	1,034,378	5,341,604	145,557,230
1910	104,974,559	3,603,140	15,761,852	405,226	5,626,331	130,371,108
1911	120,910,247	2,949,199	35,673,116	10,066,643	5,783,886	175,383,091
1912	119,338,150	3,496,769	20,914,227	2,155,233	6,025,502	151,929,881
1913	118,504,953	1,846,880	31,985,879	2,732,439	6,061,727	161,131,878
1914	113,278,957	4,719,876	18,978,572	3,261,967	6,057,184	146,296,556
1915	119,217,239	4,209,612	22,881,854	15,420,256	5,748,959	167,477,920
1916	120,722,159	2,522,290	91,099,419	271,541,705	6,330,201	492,215,774
1917	204,355,339	1,906,126	571,448,086	124,111,619	8,046,828	909,867,998
1918	101,416,485	6,431,236	153,405,687	40,422,147	7,812,167	309,487,722
1919	83,350,336	24,521,645	34,568,599	15,268	8,907,516	151,363,364
1920	106,416,689	5,079,373	78,021,266	29,003,844	10,989,866	229,511,038
1921	72,714,480	1,887,929	509,493,374	76,813,705	12,798,620	673,708,108
1922	69,746,328	2,491,089	346,479,206	123,967,764	14,300,128	556,984,515
1923	74,102,907	2,340,594	192,071,404	48,033,348	12,834,532	330,151,885
1924	81,777,074	3,008,442	276,706,141	116,698,431	13,242,795	491,432,883
1925	78,077,663	1,812,398	85,062,092	34,418,655	13,194,277	211,165,085
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,069,228	2,216,232	58,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
Total	4,203,026,178	161,233,894	3,523,192,127	1,775,846,809	332,606,756	9,995,905,764

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis, see p. 62]

Fiscal year ended June 30—	Character of silver deposited								Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	
		United States	Hawaiian		Philippines, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873	6, 619, 104	37, 955	----------	59, 877	----------	216, 171	141, 235	7, 074, 342
1874	8, 370, 649	45, 287	----------	89, 474	----------	163, 748	213, 524	8, 882, 682
1875	11, 729, 014	10, 984	----------	399, 240	----------	124, 285	166, 104	12, 429, 627
1876	18, 685, 953	3, 753	----------	269, 835	----------	109, 245	138, 096	19, 206, 882
1877	20, 967, 567	795, 375	----------	2, 284, 732	----------	189, 968	315, 354	24, 552, 996
1878	22, 271, 284	4, 930	----------	4, 824, 919	----------	265, 541	157, 356	27, 524, 030
1879	20, 832, 329	8, 205	----------	829, 836	----------	540, 349	161, 347	22, 372, 066
1880	24, 852, 680	30, 395	----------	892, 826	----------	823, 515	192, 866	26, 792, 282
1881	22, 025, 225	5, 652	----------	1, 014, 862	----------	568, 038	201, 251	23, 815, 028
1882	23, 942, 987	98, 669	----------	1, 103, 408	----------	665, 803	269, 525	26, 080, 692
1883	25, 336, 643	492, 668	----------	1, 414, 767	----------	979, 758	292, 680	28, 516, 516
1884	24, 334, 752	117, 589	----------	1, 952, 731	----------	1, 534, 782	306, 310	28, 246, 164
1885	24, 943, 394	678, 741	----------	1, 627, 619	----------	867, 856	336, 981	28, 454, 591
1886	25, 101, 639	216, 015	----------	1, 145, 017	----------	628, 545	361, 316	27, 452, 532
1887	29, 293, 372	5, 848, 585	----------	1, 127, 213	----------	271, 166	396, 656	36, 936, 992
1888	28, 921, 649	1, 202. 177	----------	1, 290, 390	----------	67, 549	485, 190	31, 966, 955
1889	29, 606, 387	394, 346	----------	1, 963, 900	----------	328, 276	502, 223	31, 895, 132
1890	29, 187, 135	466, 302	----------	1, 852, 155	----------	951, 162	526, 270	32, 983, 024
1891	50, 667, 116	637, 652	----------	1, 767, 908	----------	1, 970, 912	633, 073	55, 676, 661
1892	56, 817, 548	5, 036, 240	----------	1, 556, 618	----------	349, 652	572, 661	64, 332, 723
1893	56, 976, 082	5, 346, 912	----------	1, 738, 711	----------	505, 171	582, 728	65, 149, 604
1894	15, 296, 815	5, 012, 060	----------	994, 901	----------	522, 725	467, 958	22, 194, 459
1895	6, 809, 626	3, 015, 905	----------	1, 362, 141	----------	15, 291	580, 125	11, 783, 088
1896	4, 420, 770	3, 170, 768	----------	680, 757	----------	150, 942	604, 386	9, 027, 623
1897	3, 914, 985	2, 208, 953	----------	626, 085	----------	101, 157	473, 755	7, 324, 935
1898	2, 116, 690	1, 243, 050	----------	209, 987	----------	6, 808	249, 468	3, 826, 003
1899	5, 584, 912	6, 060, 986	----------	716, 077	----------	19, 382	484, 751	12, 866, 108
1900	4, 977, 978	3, 587, 992	----------	1, 088, 019	----------	44, 704	557, 831	10, 256, 524
1901	2, 466, 749	2, 613, 570	----------	1, 306, 149	----------	4, 250, 196	567, 647	11, 204, 311
1902	1, 425, 060	2, 275, 090	----------	1, 152, 023	----------	29, 265	575, 430	5, 456, 868
1903	12, 523, 630	2, 050, 225	461, 686	1, 110, 463	----------	21, 869	627, 108	16, 794, 981
1904	9, 991, 187	1, 923, 609	148, 788	1, 361, 701	[1] 2, 567, 137	1, 471, 963	652, 015	18, 116, 400
1905	4, 923, 655	1, 333, 595	3, 647	1, 906, 410	[1] 7, 703, 766	92, 995	739, 311	16, 703, 379
1906	2, 398, 871	959, 566	3, 895	3, 162, 507	[1] 61, 333	1, 287, 658	632, 544	8, 506, 376
1907	20, 388, 163	770, 269	----------	2, 552, 003	4, 680, 791	282, 612	638, 722	29, 310, 560
1908	16, 114, 553	786, 085	----------	2, 963, 399	8, 870, 033	134, 974	648, 007	29, 517, 051
1909	5, 375, 389	659, 935	----------	2, 326, 847	7, 320, 312	21, 917	520, 715	16, 225, 115
1910	1, 547, 145	548, 821	----------	1, 162, 240	1, 391, 887	13, 295	460, 935	5, 124, 023
1911	3, 220, 236	393, 906	----------	799, 105	621, 800	6, 040	495, 013	5, 536, 100
1912	5, 635, 513	458, 694	447	957, 233	227, 295	7, 934	540, 117	7, 827, 233
1913	3, 104, 347	280, 688	----------	624, 215	342, 289	17, 010	577, 423	4, 945, 972
1914	9, 752, 614	589, 972	----------	527, 233	143, 873	85, 141	572, 687	11, 671, 420
1915	7, 250, 205	491, 028	----------	2, 130, 138	136, 247	383, 439	536, 887	10, 927, 944
1916	9, 346, 085	569, 510	99	1, 860, 420	138, 067	204, 470	698, 626	12, 816, 677
1917	7, 556, 359	6, 240, 994	62	2, 327, 785	149, 198	816, 725	882, 893	17, 974, 016
1918	21, 155, 924	8, 176, 334	----------	6, 780, 011	1, 911, 876	7, 145, 386	964, 626	46, 133, 607
1919	2, 669, 447	456, 283	100	1, 670, 071	618, 531	4, 601, 019	1, 145, 067	11, 360, 518
1920	5, 336, 184	541, 117	----------	2, 205, 066	225	4, 413, 248	1, 274, 743	13, 770, 583
1921	63, 540, 055	507, 894	----------	2, 158, 717	----------	763, 075	830, 570	67, 800, 311
1922	51, 994, 780	1, 734, 696	----------	1, 705, 424	----------	5, 219, 623	746, 708	61, 401, 231
1923	68, 903, 846	2, 367, 425	----------	1, 522, 320	----------	198, 834	768, 359	73, 760, 784
1924	17, 690, 587	1, 492, 359	----------	3, 296, 980	----------	113, 755	880, 430	23, 474, 111
1925	1, 692, 032	1, 764, 224	----------	3, 030, 099	----------	182, 265	895, 840	6, 564, 460
1926	2, 127, 588	1, 828, 582	----------	3, 271, 270	----------	301, 311	930, 415	8, 459, 166
1927	5, 131, 165	2, 630, 930	----------	1, 716, 409	----------	36, 407	843, 261	10, 358, 172
1928	3, 074, 950	2, 818, 357	----------	2, 427, 284	----------	13, 491	844, 760	9, 178, 842
1929	1, 432, 527	2, 524, 217	----------	1, 496, 357	----------	17, 224	925, 660	6, 395, 985
1930	2, 658, 439	2, 883, 485	----------	2, 617, 943	----------	19, 367	959, 417	9, 108, 651
1931	1, 566, 216	3, 615, 196	----------	1, 333, 817	----------	78, 174	583, 107	7, 176, 510
Total	976, 597, 786	102, 034, 810	618, 724	96, 445, 644	36, 883, 860	45, 313, 033	33, 327, 763	1, 191, 221, 620

[1] Spanish-Filipino coins.

Domestic coin, including assay pieces, withdrawn from

[On quantity

Denominations	Philadelphia		San Francisco		Denver	
	From Treasury stock	Purchased over the counter and assay pieces	From Treasury stock	Purchased over the counter	From Treasury stock	Purchased over the counter
GOLD						
	Face value	*Face value*	*Face value*	*Face value*	*Face value*	*Face value*
Double eagles	$525,440.00	$2,160.00	$125,440.00	$200.00	$97,100.00	$2,360.00
Eagles	569,540.00	1,450.00	117,710.00	130.00	125,400.00	660.00
Half eagles	728,905.00	2,505.00	233,210.00	250.00	209,290.00	455.00
3-dollar pieces	75.00	45.00		3.00		3.00
Quarter eagles	295,740.00	755.00	44,725.00	257.50	56,335.00	340.00
Dollars	152.00	50.00	1.00	17.00		7.00
Total gold	2,119,852.00	6,965.00	521,086.00	857.50	488,125.00	3,825.00
SILVER						
Trade dollars		27.00				
Standard dollars		74.00		191.00		928.00
Half dollars	1,492,565.00	2,419.00	262,635.00	137.50	335,843.50	358.00
Quarter dollars	1,928,300.75	2,557.00	127,090.75	44.25	288,626.75	419.00
20-cent pieces	5.00		1.40			
Dimes	859,982.70	2,091.00	74,976.00	49.70	107,645.70	325.40
Half dimes	139.85	.30	21.80			
3-cent pieces	38.67		1.65			
Total silver	4,281,031.97	7,168.30	464,726.60	422.45	732,115.95	2,030.40
NICKEL						
5-cent pieces	272,024.00	44.85	14,807.30		35,246.05	21.25
3-cent pieces	54.87		.81			
1-cent pieces	100.67					
Total nickel	272,179.54	44.85	14,808.11		35,246.05	21.25
BRONZE						
2-cent pieces	66.68		.98			
1-cent pieces	36,898.36	111.55	2,027.26		2,638.85	10.06
Total bronze	36,965.04	111.55	2,028.24		2,638.85	10.06
COPPER						
1-cent pieces	56.90					
Total face value	6,710,085.45	14,289.70	1,002,648.95	1,279.95	1,258,125.85	5,886.71
SUMMARY						
Metal obtained by melting the above:						
Gold	*Fine ounces* 101,880.726	*Fine ounces* 323.233	*Fine ounces* 25,976.598	*Fine ounces* 39.911	*Fine ounces* 23,417.223	*Fine ounces* 181.740
Silver	2,825,625.41	5,139.30	307,613.79	302.65	475,103.32	1,411.28
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Nickel	826,399.25	142.77	44,635.00		105,537.48	64.17
Bronze	359,061.10	1,109.79	19,882.00		25,599.87	95.38
Copper	1,839.00					
Recoinage value:						
Gold	$2,106,061.56	$6,681.82	$516,312.07	$825.02	$484,076.96	$3,756.89
Silver	3,906,169.58	7,104.60	425,248.00	418.36	656,787.03	1,950.97
Nickel	296,746.34	44.35	13,883.30		32,826.59	19.96
Bronze	35,906.11	110.98	1,988.20		2,559.97	9.54
Copper	52.53					
Total	6,304,936.12	13,941.75	957,431.57	1,243.38	1,176,250.55	5,737.36
Loss (difference between face value and recoinage value):						
Gold	13,790.44	283.18	4,773.93	32.48	4,048.04	68.11
Silver	374,862.39	63.70	39,478.60	4.09	75,328.92	79.43
Nickel	15,433.20	.50	924.81		2,419.46	1.29
Bronze	1,058.93	.57	40.04		78.88	.52
Copper	4.37					
Total loss	405,149.33	347.95	45,217.38	36.57	81,875.30	149.35

monetary use during the fiscal year ended June 30, 1931

basis, see p. 62]

New York	New Orleans	Carson City	Seattle	Total		
Purchased over the counter	Purchased over the counter	Purchased over the counter	Purchased over the counter	From Treasury stock	Purchased over the counter and assay coins	Grand total
Face value	*Face value*	*Face value*	*Face value*	*Face value*	*Face value*	*Face value*
$34,080.00	$7,420.00	$160.00		$747,980.00	$46,380.00	$794,360.00
71,440.00	7,970.00			812,650.00	81,650.00	894,300.00
110,410.00	9,885.00			1,171,405.00	123,505.00	1,294,910.00
105.00				75.00	156.00	231.00
1,787.50	125.00		$35.00	396,800.00	3,300.00	400,100.00
222.00	14.00		1.00	153.00	311.00	464.00
218,044.50	25,414.00	160.00	36.00	3,129,063.00	255,302.00	3,384,365.00
					27.00	27.00
					1,193.00	1,193.00
				2,091,043.50	2,914.50	2,093,958.00
				2,344,018.25	3,020.25	2,347,038.50
				6.40		6.40
				1,042,604.40	2,466.10	1,045,070.50
				161.65	.30	161.95
				40.32		40.32
				5,477,874.52	9,621.15	5,487,495.67
				322,077.35	66.10	322,143.45
				55.68		55.68
				100.67		100.67
				322,233.70	66.10	322,299.80
				67.66		67.66
				41,564.47	121.61	41,686.08
				41,632.13	121.61	41,753.74
				56.90		56.90
218,044.50	25,414.00	160.00	36.00	8,970,860.25	265,110.86	9,235,971.11
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
10,434.184	1,215.076	7.650	1.628	151,274.547	12,203.422	163,477.969
				3,608,342.52	6,853.23	3,615,195.75
Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
				976,571.73	206.94	976,778.67
				404,542.97	1,205.17	405,748.14
				1,839.00		1,839.00
$215,693.73	$25,129.69	$158.13	$33.65	$3,106,450.59	$252,278.93	$3,358,729.52
				4,988,204.61	9,473.93	4,997,678.54
				303,456.23	64.31	303,520.54
				40,454.28	120.52	40,574.80
				52.53		52.53
215,693.73	25,129.69	158.13	33.65	8,438,618.24	261,937.69	8,700,555.93
2,350.77	284.31	1.87	2.35	22,612.41	3,023.07	25,635.48
				489,669.91	147.22	489,817.13
				18,777.47	1.79	18,779.26
				1,177.85	1.09	1,178.94
				4.37		4.37
2,350.77	284.31	1.87	2.35	532,242.01	3,173.17	535,415.18

Losses and Gains on Withdrawn Coin

The loss on face value of gold coin totaling $3,384,365 withdrawn from circulation during the fiscal year 1931 was $25,635.48, of which $4,872.95 was reimbursable from the appropriation provided for that purpose. The loss on face value of silver coin totaling $5,487,495.67 withdrawn from circulation was $489,817.13, all being reimbursable from the appropriation provided. The reimbursable loss, provided for by appropriation, on minor coin totaling $364,110.44 withdrawn during the fiscal year was $19,962.57.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin, since 1883

Fiscal year	Amount	Fiscal year	Amount	Fiscal year	Amount	Fiscal year	Amount
1883	$621	1898	$1,365	1911	$1,320	1924	$1,918
1885	1,850	1899	1,734	1912	1,024	1925	1,773
1887	8,292	1900	1,341	1913	4,757	1926	2,594
1888	14,055	1901	1,786	1914	785	1927	3,638
1889	31,042	1902	1,893	1915	823	1928	1,394
1890	11,977	1903	1,777	1916	1,092	1929	852
1891	10,800	1904	1,304	1917	961	1930	1,329
1892	42,881	1905	2,298	1918	1,029	1931	1,193
1893	10,500	1906	909	1919	1,031		
1894	15,055	1907	1,548	1920	1,164	Total	223,671
1895	18,580	1908	1,170	1921	948		
1896	2,094	1909	1,293	1922	2,447		
1897	1,898	1910	961	1923	2,635		

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year	Face value	Value of new coin producible	Loss	Fiscal year	Face value	Value of new coin producible	Loss
1891	$910,047	$861,680	$48,367	1913	$414,035	$388,026	$26,009
1892	7,118,603	6,937,886	180,717	1914	875,727	815,800	59,927
1893	7,618,198	7,381,290	236,908	1915	730,338	678,792	51,546
1894	7,184,472	6,924,753	259,719	1916	848,566	787,295	61,271
1895	4,361,761	4,161,821	199,940	1917	8,849,678	8,627,860	221,818
1896	4,627,142	4,377,258	249,884	1918	714,703	661,636	53,067
1897	3,197,999	3,048,862	149,137	1919	[1] 1,681,292	1,638,954	42,238
1898	6,109,772	5,820,159	289,613	1920	[1] 10,804,877	10,748,319	56,558
1899	8,584,304	8,098,485	485,819	1921	[1] 746,284	702,116	44,168
1900	5,261,070	4,950,089	310,981	1922	2,571,425	2,398,058	173,367
1901	3,832,281	3,615,022	219,259	1923	3,508,345	3,272,750	235,595
1902	3,333,437	3,141,548	191,889	1924	2,224,110	2,063,050	161,060
1903	3,008,748	2,829,891	178,857	1925	2,650,726	2,438,878	211,848
1904	2,828,385	2,656,104	172,281	1926	2,746,730	2,527,848	218,882
1905	1,964,476	1,839,219	125,257	1927	3,936,868	3,637,021	299,847
1906	1,414,964	1,322,834	92,130	1928	4,224,510	3,896,122	328,388
1907	1,142,184	1,064,826	77,358	1929	3,803,020	3,489,500	313,520
1908	1,162,982	1,086,692	76,290	1930	4,347,695	3,944,682	403,013
1909	977,321	912,300	65,021	1931	5,487,496	4,997,679	489,817
1910	814,362	758,696	55,666				
1911	583,538	544,539	38,999	Total	137,880,929	130,680,433	7,200,496
1912	678,458	634,102	44,356				

[1] Includes silver dollars melted for subsidiary coin under terms of act dated Apr. 23, 1918: 1919, $1,000,000; 1920, $10,000,000; 1921, $111,168.

Deposits of Foreign Gold Bullion and Coin

Foreign gold bullion of the value of $68,290,605 and foreign gold coin of the value of $49,326,904 were deposited, having been received from the following countries during the fiscal year ended June 30, 1931:

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total coining value	Total fine ounces
North America:					
Canada	$11,069,811	$8,621,731	$21	$19,691,563	952,579
Mexico	412,279	1,476,365	12,113,757	14,002,401	677,366
Cuba			17,612	17,612	852
British West Indies	2,584			2,584	125
Dominican Republic	9,675			9,675	468
Central America	548,010		13,747	561,757	27,175
South America	3,802,604	1,384,342	11,210,150	16,397,096	793,210
Europe:					
Austria			1,674	1,674	81
France			1,168,537	1,168,537	56,528
Germany			6,016	6,016	291
Great Britain		19,065,906	6,684,837	25,750,743	1,245,692
Holland			828	828	40
Portugal			2,687	2,687	130
Spain			42,667	42,667	2,064
Sweden		1,326	2,439	3,765	182
Turkey			8,289	8,289	401
Asia:					
China	17,335,937	4,346,454		21,682,391	1,048,886
Japan	1,178		18,039,462	18,040,640	872,716
Oceania: New Zealand	212,403			212,403	10,275
Mixed coin			14,181	14,181	686
Total value	33,394,481	34,896,124	49,326,904	117,617,509	
Total fine ounces	1,615,458	1,688,100	2,386,189		5,689,747

Deposits of Foreign Silver Bullion and Coin

Foreign silver bullion containing 1,333,817 fine ounces, having coining value of $1,843,880, and foreign silver coin containing 78,174 fine ounces, having coining value of $108,068, were deposited for acquisition by the United States; this was received from the following countries during the fiscal year ended June 30, 1931:

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total	Total subsidiary silver coining value at $1.38 per fine ounce
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	
North America:	161,746	20,053		181,799	$251,319
Canada	1,067,831	[1] 32,522		1,100,353	1,521,138
Mexico	10			10	14
British West Indies	17			17	24
Dominican Republic	26,849		64,962	91,811	126,920
Central America	18,104		6,837	24,941	34,479
South America					
Asia:	6,280			6,280	8,681
China	35			35	48
Japan	370			370	511
Oceania: New Zealand			6,376	6,376	8,814
Mixed coin					
Total fine ounces	1,281,242	52,575	78,174	1,411,991	
Total subsidiary value	$1,771,200	$72,680	$108,068		1,951,948

[1] Treasury purchase.

There were deposited in trust during the fiscal year ended June 30, 1931, 569,061 fine ounces of foreign silver coin for use in coinage by the mint at Philadelphia for other governments.

Gold and silver domestic exports, by

[Compiled by Bureau of Foreign

Countries	GOLD						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,066	36,181	3,216,603	66,459,120	39,629,056		106,124,357
EUROPE							
Belgium					2,000		2,000
France			[1]3,161,171	65,310,999			65,310,999
Germany					85,000		85,000
Italy			[1]48,380	1,000,113	2,000,000		3,000,113
Netherlands					1,200		1,200
Norway							
Switzerland					17,000		17,000
United Kingdom							
NORTH AMERICA							
Canada	2,066	36,181	[1]979	20,229	36,406,006		36,690,195
			6,073	127,779			
CENTRAL AMERICA							
Mexico					600,000		600,000
West Indies and Bermudas:							
British—							
Trinidad and Tobago							
Other British							
SOUTH AMERICA							
Argentina							
Colombia							
Guiana—Surinam					250		250
Peru							
ASIA							
British India							
China							
Hong Kong					417,600		417,600

[1] United States mint or assay office bars.

countries, during the fiscal year ended June, 1931

and Domestic Commerce]

SILVER						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
5,380	2,465	100,190,285	32,371,851	46,424		32,420,740
		8,362	2,456			2,456
		2,339,554	809,278			809,278
		13,942	5,181			5,181
		12,309,746	3,670,531			3,670,531
5,380	2,465	[1] 47,469	16,178	41,144		441,956
		1,158,552	382,169			
				2,000		2,000
		7,145	2,491			2,491
				3,280		3,280
		52,612	19,140			19,140
		16,461	4,944			4,944
		11,001	3,866			3,866
		[1] 417,747	138,947			7,126,727
		22,461,413	6,987,780			
		[1] 377,812	129,557			17,841,357
		53,786,147	17,711,800			
		[1] 99,855	31,506			2,487,533
		7,082,467	2,456,027			

Gold and silver domestic exports, by customs

[Compiled by Bureau of Foreign

Customs districts	GOLD						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,066	36,181	3,216,603	66,459,120	39,629,056		106,124,357
ATLANTIC COAST							
Maine and New Hampshire			1	21			21
New York			[1] 3,209,551	66,311,112	2,105,450		68,416,562
GULF COAST							
Florida							
MEXICAN BORDER							
El Paso							
San Antonio					600,000		600,000
PACIFIC COAST							
San Diego							
San Francisco					417,600		417,600
Washington	370	7,400	539	11,149	5,410		23,959
NORTHERN BORDER							
Buffalo	1,696	28,781	13	262	100		29,143
Dakota			81	1,715			1,715
Michigan			1,190	26,096	361		26,457
St. Lawrence			[1] 978	20,208	36,500,135		36,601,691
Vermont			3,913	81,348			
			337	7,209			7,209

[1] United States mint or assay office bars.

districts, during the fiscal year ended June, 1931

and Domestic Commerce]

SILVER						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
5,380	2,465	100,190,285	32,371,851	46,424		32,420,740
		377	124	78		202
		1 417,747	138,947	280		23,675,295
		73,355,905	23,536,168			
				3,000		3,000
				1,000		1,000
				1,000		1,000
		1 477,667	161,063			8,298,389
		24,732,945	8,137,326			4,508
5,380	2,465	5,236	2,043			
		1 47,469	16,178			363,071
		1,061,357	346,893			39
		150	39			8,008
				8,008		35,900
		9,541	2,842	33,058		30,228
		81,891	30,228			

Gold and silver imports, by countries,
[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	977, 299	18, 546, 426	4, 196, 583	83, 796, 838	253, 371, 606	48, 051, 074	403, 795, 944
EUROPE							
Azores and Madeira Islands					2, 800		2, 800
Belgium	1, 013	20, 273			210		20, 483
Finland	126	2, 520					2, 520
France	8, 794	176, 057	[1] 290, 416	6, 000, 000	6, 995		19, 323, 842
			635, 994	13, 140, 790			
Germany	3, 144	63, 186			26, 009, 897		26, 073, 083
Gibraltar							
Italy	484	9, 673				341	10, 014
Netherlands	422	8, 440					8, 440
Poland and Danzig							
Spain	3, 728	74, 765			2, 040		76, 805
Sweden	22, 045	440, 894					440, 894
Switzerland						4, 580	4, 580
United Kingdom	805	16, 057					16, 057
NORTH AMERICA							
Canada	370, 839	6, 357, 100	1, 213, 200	22, 573, 972	42, 700, 513	3, 800, 230	75, 431, 815
Central America:							
Costa Rica	2, 356	40, 200	1, 999	40, 400	2, 000		82, 600
Guatemala	1, 442	29, 104	13, 789	282, 469			311, 573
Honduras	2, 826	56, 509	12, 376	245, 536			302, 045
Nicaragua	2, 970	35, 244	11, 264	229, 491	93, 860	5, 175	363, 770
Panama	123	2, 225	65	1, 300	199, 000		202, 525
Salvador					112, 000		112, 000
Mexico	146, 978	3, 005, 135	161, 656	3, 282, 145	37, 610	11, 016, 599	17, 341, 489
West Indies and Bermudas:							
British—							
Barbados					2, 748		2, 748
Jamaica	2	40					40
Trinidad and Tobago	1, 526	26, 956	51	1, 000	287, 787	880	316, 623
Other British	133	2, 482			2, 665		5, 147
Cuba	4, 810	76, 241	8, 483	173, 577	5, 116, 193	53, 451	5, 419, 462
Dominican Republic	75	1, 465			126, 200		127, 665
Netherland West Indies					1, 427, 850	23, 422	1, 451, 272
Haiti, Republic of	77	1, 400					1, 400
SOUTH AMERICA							
Argentina	204	4, 070	748	15, 000	105, 091, 285	854, 816	105, 946, 101
Bolivia	2	40	44, 431	908, 562		730, 000	749, 070
Brazil	13, 766	274, 311	7, 694	159, 045	25, 457, 525	2, 014, 462	28, 380, 889
Chile	45, 648	837, 039	[1] 48, 613	1, 003, 853			433, 356
Colombia	64, 542	1, 329, 456	228, 370	4, 692, 666		8, 564, 365	15, 097, 925
Ecuador							1, 329, 456
Guiana:							
British					1, 000		1, 000
Surinam	972	17, 967	212	4, 377			22, 344
Peru	76, 062	1, 501, 449	10, 163	205, 037	470	2, 056, 675	3, 763, 631
Uruguay					9, 673, 985	9, 733	9, 683, 718
Venezuela	6, 514	116, 625	33, 269	681, 944	4, 125, 000		4, 925, 569
ASIA							
British India			10	206			206
British Malaya					80, 450		80, 450
China			573, 586	11, 624, 588	13, 000		11, 637, 588
Netherland East Indies:							
Java and Madeira	9, 978	203, 720	128, 584	2, 665, 351	65, 530	68, 226	3, 002, 827
Other Netherland East Indies							
Hong Kong						200	200
Japan			750, 995	15, 630, 764	2, 732, 993		18, 363, 757
Palestine			1, 044	21, 575	30, 000, 000	18, 877, 919	48, 899, 494
Philippine Islands	179, 932	3, 715, 928					3, 715, 928
Soviet Russia in Asia							
OCEANIA							
Australia	2, 840	57, 200					57, 200
New Zealand	788	16, 007	10, 371	213, 190			229, 197
AFRICA							
Belgian Congo	970	19, 435					19, 435
British South Africa	363	7, 213					7, 213

[1] United States mint or assay office bars.

during the fiscal year ended June, 1931
and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
53, 101, 522	17, 149, 987	39, 324, 026	12, 627, 525	2, 478, 389	1, 265, 974	33, 521, 875
				97		97
20, 198	6, 856					6, 856
4, 284	1, 499					1, 499
172, 251	55, 313			786		56, 099
132, 498	40, 450			946 925		41, 396 925
						20, 704
59, 596	20, 704					11, 575
33, 583	11, 575			1, 589		1, 589
94, 363	31, 143					31, 143
1, 850	925					925
					90	90
				6, 441		17, 566
39, 081	11, 125					
8, 278, 470	3, 000, 883	4, 186, 446	1, 295, 240	1, 547, 430		5, 843, 553
				2, 556	25, 000	27, 556
				28, 500	390, 000	1, 360, 796
554, 123	193, 139	2, 341, 451	749, 157	34, 289		46, 245
5, 256	2, 081	27, 106	9, 875	141, 662	132, 000	293, 662
23, 092, 077	7, 108, 580	31, 773, 541	10, 221, 528	23, 500	690, 642	18, 044, 250
				1, 880	250	2, 130
						12
45	12					
				7, 546		7, 546
				2, 113	47	2, 160
				555, 000	181	587, 302
94, 508	32, 121			87, 100		87, 100
				4, 130		4, 130
				25, 700		25, 700
						2, 401
						828, 231
7, 612	2, 401					82
2, 722, 188	828, 231					1, 603, 154
250	82					2, 945
4, 771, 106	1, 602, 996	584	158			
279	98	11, 170	2, 847		7, 599	40, 269
97, 300	32, 670			679		679
						3, 655, 913
11, 293, 197	3, 605, 619	136, 707	50, 294	1, 870		1, 870
						390, 744
266, 073	92, 484	846, 469	298, 260			
			62	3, 650		3, 712
		220			165	165
						36, 409
113, 821	36, 409					38, 564
107, 121	38, 564					
						15, 238
49, 344	15, 238	332	104			2, 223
6, 198	2, 119					
						374, 232
1, 077, 588	374, 232					2, 438
7, 262	2, 438					

Gold and silver imports, by customs

[Compiled by Bureau of Foreign

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
ATLANTIC COAST	*Ounces* (troy)	*Dollars*	*Ounces* (troy)	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	977, 299	18, 546, 426	4, 196, 583	83, 796, 838	253, 371, 606	48, 081, 074	403, 795, 944
Maine and New Hampshire					56		56
Maryland	58, 754	1, 214, 222					1, 214, 222
New York	226, 561	4, 428, 244	[1] 339, 029 1, 072, 160	7, 003, 853 22, 049, 108	178, 817, 000	20, 398, 651	232, 697, 856
Porto Rico					25, 000		25, 000
GULF COAST							
Florida					140		140
New Orleans	2, 291	22, 446	4, 013	81, 819	24, 020	5, 175	133, 460
MEXICAN BORDER							
Arizona	15, 724	314, 704	28, 275	564, 419			879, 123
El Paso	3, 553	71, 060	3, 078	58, 418		1, 298, 294	1, 427, 772
San Antonio			56, 563	1, 173, 770	37, 610	5, 499, 805	6, 711, 185
PACIFIC COAST							
Alaska	91	1, 853	491	10, 150			12, 003
San Diego	16	248	49	832			1, 080
San Francisco	279, 148	5, 731, 520	1, 480, 216	30, 290, 647	26, 717, 323	18, 877, 919	81, 617, 409
Washington	102, 157	2, 042, 862			6, 250, 187	30	8, 293, 079
NORTHERN BORDER							
Buffalo	127, 015	2, 150, 673			1, 000, 000		3, 150, 673
Dakota							
Duluth and Superior							
Michigan	6, 403	80, 811					80, 811
Montana and Idaho							
St. Lawrence	155, 586	2, 487, 783	1, 212, 703	22, 563, 700	40, 500, 250	2, 000, 200	67, 551, 933
Vermont					20		20
INTERIOR							
Utah and Nevada			6	122			122

[1] United States mint or assay office bars.

districts, fiscal year ended June, 1931

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
53, 101, 522	17, 149, 987	39, 324, 026	12, 627, 525	2, 478, 389	1, 265, 974	33, 521, 875
				1, 109		1, 109
12, 078, 675	3, 752, 574					3, 752, 574
24, 104, 949	7, 540, 377	12, 535, 600	3, 994, 694	894, 981	575, 332	13, 005, 384
				1, 779		1, 779
3, 578	1, 300	260	147	2, 349		3, 796
1, 992, 276	643, 244	1, 404, 906	554, 957		403, 478	1, 601, 679
827, 432	260, 578	37, 273	9, 891	4, 600		275, 069
		20, 285, 684	6, 464, 445		39, 164	6, 503, 609
				18, 900	248, 000	266, 900
5, 126, 007	1, 635, 135	873, 857	308, 151	8, 350		1, 951, 636
3, 972, 328	1, 367, 368			115, 977		1, 483, 345
144, 588	46, 048			642, 372		688, 420
				66, 373		66, 373
				49, 313		49, 313
14, 133	3, 913			5, 560		9, 473
4, 639, 385	1, 843, 899			40, 176		1, 884, 075
198, 171	55, 551	4, 186, 446	1, 295, 240	618, 750		1, 969, 541
				7, 800		7, 800

Summary of exports and imports of gold and silver, fiscal year ended June, 1931

Description	Gold			
	Exports			Imports
	Domestic	Foreign	Total	
Grand total	*Dollars* 106, 124, 357	*Dollars* 969, 297	*Dollars* 107, 093, 654	*Dollars* 403, 795, 944
In ore and base bullion	36, 181		36, 181	18, 546, 426
Refined bullion	66, 459, 120	1, 742	66, 460, 862	83, 796, 838
Coin:				
United States	39, 629, 056		39, 629, 056	253, 371, 606
Foreign		967, 555	967, 555	48, 081, 074

Description	Silver			
	Exports			Imports
	Domestic	Foreign	Total	
Grand total	*Dollars* 32, 420, 740	*Dollars* 6, 509, 770	*Dollars* 38, 930, 510	*Dollars* 33, 521, 875
In ore and base bullion	2, 465		2, 465	17, 149, 987
Refined bullion	32, 371, 851	3, 947, 503	36, 319, 354	12, 627, 525
Coin:				
United States	46, 424		46, 424	2, 478, 389
Foreign		2, 562, 267	2, 562, 267	1, 265, 974

Imports and exports of United States gold coin, by fiscal years, since 1870

[From United States import and export statistics]

Fiscal year ended June 30—	Imports	Exports	Fiscal year ended June 30—	Imports	Exports
1870	(1)	$12, 768, 501	1903	$1, 519, 756	$18, 041, 660
1871	(1)	55, 49., 719	1904	5, 780, 607	15, 682, 424
1872	(1)	40, 391, 357	1905	2, 236, 399	54, 409, 014
1873	(1)	35, 661, 863	1906	35, 251, 921	20, 573, 572
1874	(1)	28, 766, 943	1907	44, 445, 402	22, 632, 283
1875	(1)	59, 309, 770	1908	44, 929, 518	28, 246, 170
1876	(1)	27, 542, 861	1909	4, 642, 690	66, 126, 869
1877	(1)	21, 274, 565	1910	2, 050, 563	86, 329, 314
1878	$7, 325, 783	6, 427, 251	1911	6, 041, 646	20, 651, 276
1879	3, 654, 859	4, 120, 311	1912	6, 283, 968	25, 677, 378
1880	18, 207, 559	1, 687, 973	1913	13, 941, 240	34, 238, 021
1881	7, 577, 422	1, 741, 364	1914	26, 048, 859	66, 997, 030
1882	4, 796, 630	29, 805, 289	1915	101, 091, 873	124, 536, 901
1883	8, 112, 265	4, 802, 454	1916	59, 722, 083	45, 112, 723
1884	3, 824, 962	12, 242, 021	1917	62, 343, 536	235, 595, 285
1885	3, 352, 090	2, 345, 809	1918	7, 790, 279	129, 626, 312
1886	1, 687, 231	5, 400, 976	1919	10, 425, 726	96, 051, 598
1887	5, 862, 509	3, 550, 770	1920	11, 688, 618	344, 823, 107
1888	5, 181, 513	3, 211, 399	1921	29, 537, 408	107, 572, 881
1889	1, 403, 619	4, 143, 939	1922	19, 184, 697	17, 410, 199
1890	1, 949, 552	3, 951, 736	1923	27, 745, 568	29, 177, 479
1891	2, 824, 146	67, 704, 909	1924	26, 058, 570	6, 874, 930
1892	15, 432, 443	42, 841, 963	1925	14, 302, 999	122, 213, 657
1893	6, 074, 899	101, 844, 087	1926	53, 171, 273	99, 785, 784
1894	30, 790, 892	64, 303, 840	1927	73, 379, 780	78, 880, 733
1895	10, 752, 673	55, 096, 639	1928	33, 836, 300	252, 575, 372
1896	10, 189, 614	77, 789, 892	1929	76, 599, 592	31, 534, 493
1897	57, 728, 797	23, 646, 535	1930	94, 996, 631	2, 732, 549
1898	40, 593, 495	8, 402, 216	1931	253, 371, 606	39, 629, 056
1899	7, 779, 123	27, 419, 737			
1900	8, 659, 856	30, 674, 511	Total	1,419,362,465	3,105,898,049
1901	3, 311, 105	8, 425, 947	Net exports		1, 686, 535, 584
1902	3, 870, 320	9, 370, 841			

[1] Imports of United States gold coin not separately given prior to the fiscal year 1878.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year	Exports			Imports	Excess of—	
	Domestic	Foreign	Total		Exports over imports	Imports over exports
1873	$24,742,343	$753,775	$25,496,118	$20,536,454	$4,959,664	
1874	41,561,726	1,588,365	43,150,091	7,429,248	35,720,843	
1875	48,584,721	4,829,276	53,413,997	14,346,280	39,067,717	
1876	28,710,985	2,521,754	31,232,739	23,665,796	7,566,943	
1877	14,663,803	4,311,935	18,975,738	11,629,525	7,346,213	
1878	6,816,164	1,839,776	8,655,940	10,407,859		$1,751,919
1879	3,891,983	223,463	4,115,446	78,767,947		74,652,501
1880	1,128,530	1,924,209	3,052,739	73,644,698		70,591,959
1881	1,837,856	765,687	2,603,543	60,398,620		57,795,077
1882	37,570,597	1,150,482	38,721,079	13,402,528	25,318,551	
1883	3,337,422	2,711,348	6,048,770	23,134,629		17,085,859
1884	34,944,406	5,698,840	40,643,246	27,957,657	12,685,589	
1885	4,371,726	7,045,481	11,417,207	23,645,311		12,228,104
1886	32,388,509	8,894,713	41,283,222	41,309,181		25,959
1887	5,091,551	4,052,875	9,144,426	44,889,299		35,744,873
1888	28,574,425	5,952,022	34,526,447	10,960,773	23,565,674	
1889	45,303,497	5,629,963	50,933,460	12,004,632	38,928,828	
1890	20,654,960	3,408,114	24,063,074	20,230,090	3,832,984	
1891	76,640,893	2,445,688	79,086,581	44,970,110	34,116,471	
1892	70,404,487	6,127,569	76,532,056	17,450,946	59,081,110	
1893	72,274,724	7,501,096	79,775,820	72,762,389	7,013,431	
1894	87,834,007	13,985,917	101,819,924	20,607,561	81,212,363	
1895	93,790,438	11,176,960	104,967,398	34,369,514	70,597,884	
1896	56,208,995	2,053,513	58,262,508	104,733,851		46,471,343
1897	33,559,572	740,072	34,299,644	34,056,055	243,589	
1898	5,296,709	10,913,387	16,210,096	158,142,993		141,932,897
1899	40,783,154	4,596,257	45,379,411	51,334,964		5,955,553
1900	52,787,523	1,347,100	54,134,623	66,749,084		12,614,461
1901	56,532,423	1,251,516	57,783,939	54,762,880	3,021,059	
1902	34,106,874	1,923,717	36,030,591	44,193,317		8,162,726
1903	42,147,691	2,199,143	44,346,834	65,267,696		20,920,862
1904	118,249,843	2,961,984	121,211,827	84,803,234	36,408,593	
1905	41,554,308	5,240,159	46,794,467	50,293,405		3,498,938
1906	33,265,976	13,443,182	46,709,158	155,579,380		108,870,222
1907	53,325,425	1,890,256	55,215,681	143,398,072		88,182,391
*1908	79,727,616	1,487,840	81,215,456	50,276,293	30,939,163	
1909	130,145,695	2,735,126	132,880,821	44,086,966	88,793,855	
1910	55,435,549	3,336,273	58,774,822	59,222,518		447,696
1911	34,988,105	2,194,969	37,183,074	57,445,184		20,262,110
1912	44,392,284	3,032,558	47,424,842	66,548,772		19,123,930
1913	91,289,505	509,105	91,798,610	63,704,832	28,093,778	
1914	220,694,043	1,922,113	222,616,156	57,387,741	165,228,415	
1915	19,321,567	12,104,351	31,425,918	451,954,590		420,528,672
1916	134,882,762	20,910,165	155,792,927	685,990,234		530,197,307
1917	364,500,814	7,383,070	371,883,884	552,454,374		180,570,490
1918	40,691,141	378,677	41,069,818	62,042,748		20,972,930
1919	367,572,091	613,157	368,185,248	76,534,046	291,651,202	
1920	320,585,743	1,505,465	322,091,208	417,068,273		94,977,065
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		75,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
Total	4,764,951,904	227,599,024	4,992,550,928	7,281,319,382	1,621,622,571	3,910,391,025
Net imports						2,288,768,454

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year	Exports			Imports	Excess of—	
	Domestic	Foreign	Total		Exports over imports	Imports over exports
1873	$31,521,153	$6,555,054	$38,076,207	$8,872,485	$29,203,722	
1874	24,983,667	4,594,317	29,577,984	7,824,556	21,753,428	
1875	21,524,181	4,365,386	25,889,567	8,540,042	17,349,525	
1876	19,262,777	5,859,959	25,122,736	10,804,310	14,318,426	
1877	22,758,358	6,471,071	29,229,429	12,099,871	17,129,558	
1878	12,745,218	5,464,034	18,209,252	18,289,883		$80,631
1879	14,878,315	6,993,237	21,871,552	14,425,199	7,446,353	
1880	7,287,372	4,637,059	11,924,431	11,631,025	293,406	
1881	13,265,321	3,797,953	17,063,274	8,595,645	8,467,629	
1882	11,659,947	5,657,108	17,317,055	9,098,385	8,218,670	
1883	14,690,358	10,399,061	25,089,419	13,153,308	11,936,111	
1884	18,437,126	11,431,622	29,868,748	15,504,777	14,363,971	
1885	21,992,328	11,288,214	33,280,542	17,772,718	15,507,824	
1886	16,251,727	10,803,629	27,055,356	17,221,465	9,833,891	
1887	19,728,967	7,926,021	27,654,988	16,772,614	10,882,374	
1888	22,646,792	7,233,613	29,880,405	15,907,909	13,972,496	
1889	27,191,679	13,502,551	40,694,230	19,219,262	21,474,968	
1890	16,098,189	10,441,600	26,539,789	22,426,119	4,113,670	
1891	12,919,905	14,772,974	27,692,879	18,192,750	9,500,129	
1892	20,358,836	15,616,998	35,975,834	21,726,252	14,249,582	
1893	31,756,934	14,531,787	46,288,721	18,274,804	28,013,917	
1894	39,410,334	7,633,871	47,044,205	9,824,408	37,219,797	
1895	46,877,371	7,336,441	54,213,812	24,976,723	29,237,089	
1896	57,311,808	6,805,745	64,117,553	30,182,717	33,934,836	
1897	51,101,103	7,655,658	58,756,761	33,180,463	25,576,298	
1898	48,019,718	5,877,036	53,896,754	29,030,484	24,866,270	
1899	50,515,504	2,946,233	53,461,737	30,843,929	22,617,808	
1900	59,272,668	6,948,996	66,221,664	40,100,343	26,121,321	
1901	51,657,057	3,981,301	55,638,358	31,146,782	24,491,576	
1902	45,379,134	3,893,820	49,272,954	26,402,935	22,870,019	
1903	33,458,395	7,151,947	40,610,342	23,974,508	16,635,834	
1904	40,223,271	9,911,974	50,135,245	26,087,042	24,048,203	
1905	43,148,796	14,364,306	57,513,102	35,939,135	21,573,967	
1906	51,686,164	9,270,927	60,957,091	44,227,841	16,729,250	
1907	50,150,372	11,475,494	61,625,866	45,912,360	15,713,506	
1908	50,695,771	1,141,900	51,837,671	42,224,130	9,613,541	
1909	55,807,233	1,785,076	57,592,309	46,187,702	11,404,607	
1910	53,644,783	3,716,190	57,360,973	45,878,168	11,482,805	
1911	59,886,030	5,778,616	65,664,646	43,746,571	21,918,075	
1912	66,984,238	4,977,517	71,961,755	48,401,086	23,560,669	
1913	59,664,289	3,112,342	62,776,631	35,867,819	26,908,812	
1914	47,843,662	3,759,398	51,603,060	25,959,187	25,643,873	
1915	47,467,235	6,131,649	53,598,884	34,483,954	19,114,930	
1916	64,985,637	5,609,400	70,595,037	32,263,289	38,331,748	
1917	77,726,074	6,404,802	84,130,876	53,340,477	30,790,399	
1918	239,972,503	12,873,961	252,846,464	71,375,699	181,470,765	
1919	207,765,243	31,255,808	239,021,051	89,410,018	149,611,033	
1920	85,016,071	28,600,153	113,616,224	88,060,041	25,556,183	
1921	24,502,947	27,072,452	51,575,399	63,242,671		11,667,272
1922	25,457,915	37,349,371	62,807,286	70,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,580		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
Total	2,756,529,196	622,542,460	3,379,071,656	2,041,912,217	1,358,891,450	21,732,011
Net export					1,337,159,439	

Coinage of gold and silver of the United States, by weight and value, by fiscal years, since 1873

Fiscal year ended June 30—	Gold		Silver		
	Fine ounces	Value	Fine ounces consumed	Dollars coined	Subsidiary coined
1873	1,705,187	$35,249,337	2,179,833	$977,150	$1,968,646
1874	2,440,165	50,442,690	4,558,526	3,588,900	2,394,701
1875	1,623,173	33,553,965	7,650,005	5,697,500	4,372,868
1876	1,846,907	38,178,963	14,228,851	6,132,050	12,994,453
1877	2,132,283	44,078,199	21,239,880	9,162,900	19,387,036
1878	2,554,151	52,798,980	21,623,702	19,951,510	8,339,315
1879	1,982,742	40,986,912	21,059,046	27,227,500	382
1880	2,716,630	56,157,735	21,611,294	27,933,750	8,688
1881	3,808,751	78,733,864	21,383,920	27,637,955	12,012
1882	4,325,375	89,413,447	21,488,148	72,772,075	11,314
1883	1,738,449	35,936,928	22,266,171	28,111,119	724,351
1884	1,351,250	27,932,824	22,220,702	28,099,930	673,458
1885	1,202,657	24,861,123	22,296,827	28,528,552	320,408
1886	1,648,493	34,077,380	23,211,226	29,838,905	183,443
1887	1,083,275	22,393,279	26,525,276	33,266,831	1,099,653
1888	1,372,117	28,364,171	26,331,176	32,718,673	1,417,422
1889	1,235,687	25,543,910	26,659,493	33,793,860	721,686
1890	1,065,302	22,021,748	28,430,092	35,923,816	892,021
1891	1,169,330	24,172,203	29,498,927	36,232,802	2,039,218
1892	1,717,650	35,506,987	11,259,863	8,329,467	6,659,812
1893	1,453,095	30,038,140	9,353,787	5,343,715	7,216,163
1894	4,812,099	99,474,913	4,358,299	758	6,024,140
1895	2,125,282	43,933,475	6,810,196	3,956,011	5,113,470
1896	2,848,247	58,878,490	8,651,384	7,500,822	3,939,819
1897	3,465,909	71,646,705	18,659,623	21,203,701	3,124,086
1898	3,126,712	64,634,865	12,426,024	10,002,780	6,482,804
1899	5,233,071	108,177,180	20,966,979	18,254,709	9,466,878
1900	5,221,458	107,937,110	23,464,817	18,294,984	12,876,849
1901	4,792,304	99,065,715	26,726,641	24,298,850	10,966,649
1902	2,998,313	61,980,572	22,756,781	19,402,800	10,713,569
1903	2,211,791	45,721,773	19,705,162	17,972,875	8,023,751
1904	10,091,929	208,618,642	13,396,894	10,101,650	7,719,231
1905	3,869,211	79,983,692	6,600,068	310	9,123,661
1906	2,563,976	53,002,098	2,905,340	----------	4,016,368
1907	3,851,730	79,622,337	9,385,454	----------	12,974,534
1908	9,541,406	197,238,378	11,957,734	----------	16,530,477
1909	5,233,212	108,180,092	8,024,984	----------	11,093,810
1910	2,301,628	47,578,875	3,108,753	----------	4,297,567
1911	5,753,022	118,925,513	2,311,709	----------	3,195,726
1912	616,737	12,749,090	6,984,479	----------	9,655,405
1913	1,454,067	30,058,227	2,494,341	----------	3,448,200
1914	1,288,024	26,625,810	4,514,018	----------	6,240,219
1915	1,960,823	40,533,810	2,425,500	----------	3,353,032
1916	1,503,369	31,077,409	2,408,030	----------	3,328,882
1917	59,503	1,230,040	13,211,431	----------	18,263,600
1918	----------	----------	25,321,344	----------	35,004,450
1919	----------	----------	10,620,649	----------	14,682,079
1920	821,891	16,990,000	14,296,497	----------	19,763,600
1921	2,563,876	53,000,016	24,413,888	[1] 19,043,000	13,389,070
1922	2,911,691	60,190,000	71,572,517	[1] 92,388,473	160,093
1923	7,455,555	154,120,000	86,119,410	[1] 110,715,000	675,000
1924	12,109,956	250,335,000	15,614,133	[1] 11,870,000	10,276,040
1925	3,111,265	64,315,565	58,440,754	[1] 18,208,000	48,480,808
1926	4,061,323	83,955,000	14,448,979	[1] 11,432,700	7,750,478
1927	12,074,158	249,595,000	10,371,755	[1] 4,456,900	9,572,659
1928	1,932,339	39,945,000	6,589,652	[1] 2,018,649	6,937,418
1929	64,339	1,330,000	5,417,138	----------	7,488,700
1930	221,074	4,570,000	6,638,774	----------	9,177,500
1931	----------	----------	575,300	----------	795,300
Total	174,423,958	3,605,663,177	1,009,772,176	877,491,842	445,562,972

[1] Represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31, 1930	
		Grains	*Thousandths*	*Pieces*	*Value*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	——do——	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	169,513,606	3,390,272,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	52,907,985	529,079,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50)	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do	June 28, 1834	64.5	899.225		
Do	Jan. 18, 1837	64.5	900		
Do	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars	Feb. 21, 1853 / Feb. 12, 1873 [2]	77.4	900	539,792	1,619,376.00
1 dollar	Mar. 3, 1849 / Feb. 12, 1873 [2]	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				342,177,858	4,386,623,477.50

SILVER COINAGE

Dollar	Apr. 2, 1792	416	892.4	848,536,570	[4] $848,536,570.00
Do	Jan. 18, 1837 [3]	412½	900		
Do	Feb. 28, 1878	412½	900		
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		

[1] Discontinued by act of Apr. 11, 1930.
[2] Discontinued by act of Sept. 26, 1890.
[3] Discontinued by act of Feb. 12, 1873.
[4] Silver-dollar coinage:

Act Apr. 2, 1792—		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
From 1839 to Feb. 12, 1873	6,590,721	
Act. Feb. 28, 1878		$8,031,238
Act July 14, 1890, to date of repeal of purchasing clause of Sherman Act, Oct. 31, 1893		378,166,793
Act Nov. 1, 1893, to June 12, 1898	36,087,285	
Act June 13, 1898, war revenue bill	42,139,872	
	108,800,188	
Act Mar. 3, 1891, trade-dollar conversion		187,027,345
Act Apr. 23, 1918, Pittman Act replacement—		5,078,472
Old design, since Feb. 21, 1921	86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
		848,536,570

NOTE.—Silver-dollar coinage suspended 1806 to 1835 and 1874 to 1877. The bullion value of the dollar was greater than its coin value prior to 1878.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31,1930	
		Grains	*Thousandths*	*Pieces*	*Value*
Trade dollar [5]	Feb. 12, 1873 [6]	420	900	35,965,924	$35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	452,830,512	226,415,256.00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[7] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition.	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims Tercentennial.	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1925	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Oregon Trail	May 17, 1926	192.9	900	198,113	99,056.50
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900	653,080,341	163,270,085.25
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[8] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents	Mar. 3, 1875 [9]	[10] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900	1,390,783,797	139,078,379.70
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[11] 38.58	900		
Half dime	Apr. 2, 1792 [12]	20.8	892.4		
Do	Jan. 18, 1837 [12]	20⅝	900	97,604,388	4,880,219.40
Do	Feb. 21, 1853 [12]	19.2	900		
3 cents	Mar. 3, 1851 [12]	12⅜	750	42,736,240	1,282,087.20
Do	Mar. 3, 1853 [12]	11.52	900		
Total silver				3,533,057,216	1,424,796,750.80

[5] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face value under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.
[6] Discontinued by act of Mar. 3, 1887.
[7] 12½ grams, or 192.9 grains.
[8] 6¼ grams, or 96.45 grains.
[9] Discontinued by act of May 2, 1878.
[10] 5 grams, or 77.16 grains.
[11] 2½ grams, or 38.58 grains.
[12] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denominations	Authorizing acts	Standard weight	Standard composition	Total coined to Dec. 31, 1930	
		Grains		*Pieces*	*Value*
5 cents (nickel)	May 16, 1866	77.16	[12]	1,564,780,762	$78,239,038.10
Do	Feb. 12, 1873				
3 cents (nickel)	Mar. 3, 1865 [2]	30	[13]	31,378,316	941,349.48
Do	Feb. 12, 1873 [2]	30	[13]		
2 cents (bronze)	Apr. 22, 1864 [12]	96	[14]	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208	[15]	156,288,744	1,562,887.44
Do	Jan. 26, 1796 [16]	168			
Do	Jan. 18, 1837 [17]	168			[20]
Cent (nickel)	Feb. 21, 1857 [18]	72	[19]	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	[14]	5,702,669,683	57,026,696.83
Do	Feb. 12, 1873	48	[14]		
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104	[15]	7,985,222	39,926.11
Do	Jan. 25, 1796 [16]	84			
Do	Jan. 18, 1837 [17]	84			
Total minor				7,709,475,727	140,729,637.96
Total coinage				11,584,710,801	5,952,149,866.26

[2] Discontinued by act of Sept. 26, 1890.
[12] Discontinued by act of Feb. 12, 1873.
[13] Composed of 75 cer pent copper and 25 per cent nickel.
[14] Composed of 95 per cent copper and 5 per cent tin and zinc.
[15] All copper.
[16] Proclamation of the President in conformity with act of Mar. 3, 1795.
[17] Discontinued by act of Feb. 21, 1857.
[18] Discontinued by act of Apr. 22, 1864.
[19] Composed of 88 per cent copper and 12 per cent nickel.

Coinage of each mint, by value, with grand total pieces, since organization to close of business December 31, 1930

Denominations	Philadelphia, 1793–1930	San Francisco, 1854–1930	Denver 1906–1930	New Orleans, 1838–1861, 1879–1909
Gold:				
50 dollars		$150,950.00		
Double eagles	$1,333,892,540.00	1,762,690,520.00	$260,030,000.00	$16,375,500.00
Eagles	297,794,320.00	145,584,060.00	59,092,800.00	23,610,890.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00	4,618,625.00
3 dollars	1,357,716.00	186,300.00		72,000.00
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00	3,023,157.50
Dollars	18,573,821.00	115,266.00		1,004,000.00
Total gold	1,903,880,389.50	2,050,753,433.50	348,290,300.00	48,704,172.50
Silver:				
Dollars	421,228,065.00	180,529,073.00	45,836,600.00	187,111,529.00
Trade dollars	5,107,524.00	26,647,000.00		
Half dollars	125,879,055.00	49,120,587.00	13,681,160.00	40,117,338.00
Quarter dollars	108,315,308.75	21,483,534.25	15,816,300.00	15,085,750.00
20 cents	11,342.00	231,000.00		
Dimes	93,994,379.40	21,161,518.90	15,024,380.00	6,807,990.60
Half dimes	3,948,791.90	119,100.00		812,327.50
3 cents	1,260,487.20			21,600.00
Total silver	759,744,953.25	299,291,813.15	90,358,440.00	249,956,535.10
Minor:				
5 cents	68,191,573.10	4,329,450.00	5,718,015.00	
3 cents	941,349.48			
2 cents	912,020.00			
1 cent	50,701,384.27	4,816,720.00	5,079,200.00	
Half cent	39,926.11			
Total minor	120,786,252.96	9,146,170.00	10,797,215.00	
Total value	2,784,411,524.21	2,359,191,470.15	449,445,955.00	298,660,707.60
Total pieces	8,865,717,464	1,306,421,121	934,283,340	419,076,513

Denominations	Carson City, 1870–1893	Charlotte, 1838–1861	Dahlonega, 1838–1861	Total value	Total pieces
Gold:					
50 dollars				$150,950.00	3,019
Double eagles	$17,283,560.00			3,390,272,120.00	169,513,606
Eagles	2,997,780.00			529,079,850.00	52,907,985
Half eagles	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00	78,911,869
3 dollars			3,360.00	1,619,376.00	539,792
Quarter eagles		544,915.00	494,625.00	51,067,082.50	20,426,833
Dollars		109,138.00	72,529.00	19,874,754.00	19,874,754
Total gold	23,829,425.00	5,059,188.00	6,106,569.00	4,386,623,477.50	342,177,858
Silver:					
Dollars	13,881,329.00			848,586,596.00	848,586,596
Trade dollars	4,211,400.00			35,965,924.00	35,965,924
Half dollars	2,654,313.50			231,452,453.50	462,904,907
Quarter dollars	2,579,198.00			163,280,091.00	653,120,364
20 cents	28,658.00			271,000.00	1,355,000
Dimes	2,090,110.80			139,078,379.70	1,390,783,797
Half dimes				4,880,219.40	97,604,388
3 cents				1,282,087.20	42,736,240
Total silver	25,445,009.30			1,424,796,750.80	3,533,057,216
Minor:					
5 cents				78,239,038.10	1,564,780,762
3 cents				941,349.48	31,378,316
2 cents				912,020.00	45,601,000
1 cent				60,597,304.27	6,059,730,427
Half cent				39,926.11	7,985,222
Total minor				140,729,637.96	7,709,475,727
Total value	49,274,434.30	5,059,188.00	6,106,569.00	5,952,149,866.26	
Total pieces	56,636,119	1,208,131	1,378,710		11,584,710,801

Coinage of each mint during

BY VALUE AND

Mints	1921	1922	1923	1924	1925
PHILADELPHIA					
Gold: Double eagles	$10,570,000.00	$27,510,000.00	$11,320,000.00	$86,470,000.00	$56,635,000.00
Eagles					
Half eagles					
Quarter eagles					
Dollars		10,016.00			
Total gold	10,570,000.00	27,520,016.00	11,320,000.00	86,470,000.00	56,635,000.00
Silver: Dollars	45,696,473.00	51,737,000.00	30,800,000.00	11,811,000.00	10,198,000.00
Half dollars	233,062.50	50,030.50		71,040.00	1,238,404.00
Quarter dollars	479,000.00		2,429,000.00	2,730,000.00	3,070,000.00
Dimes	123,000.00		5,013,000.00	2,401,000.00	2,561,000.00
Total silver	46,531,535.50	51,787,030.50	38,242,000.00	17,013,040.00	17,067,404.00
Minor: 5 cents	533,150.00		1,785,750.00	1,081,000.00	1,778,255.00
1 cent	391,570.00		747,230.00	751,780.00	1,399,490.00
Total minor	924,720.00		2,532,980.00	1,832,780.00	3,177,745.00
Total value	58,026,255.50	79,307,046.50	52,094,980.00	105,315,820.00	76,880,149.00
SAN FRANCISCO					
Gold: Double eagles		53,160,000.00		58,550,000.00	75,530,000.00
Eagles					
Half eagles					
Quarter eagles					
Total gold		53,160,000.00		58,550,000.00	75,530,000.00
Silver: Dollars	21,695,000.00	17,475,000.00	19,020,000.00	1,728,000.00	1,610,000.00
Half dollars	274,000.00		1,220,038.50		100,114.00
Quarter dollars			340,000.00	715,000.00	
Dimes			644,000.00	712,000.00	585,000.00
Total silver	21,969,000.00	17,475,000.00	21,230,038.50	3,155,000.00	2,295,114.00
Minor: 5 cents	777,850.00		307,100.00	71,850.00	312,800.00
1 cent	152,740.00		87,000.00	116,960.00	263,800.00
Total minor	230,590.00		394,100.00	188,810.00	576,600.00
Total value	22,199,590.00	70,635,000.00	21,624,138.50	61,893,810.00	78,401,714.00
DENVER					
Gold: Double eagles			34,045,000.00	60,990,000.00	58,770,000.00
Eagles					
Half eagles					
Quarter eagles					1,445,000.00
Total gold			34,045,000.00	60,990,000.00	60,215,000.00
Silver: Dollars	20,345,000.00	15,063,000.00	6,811,000.00		
Half dollars	104,000.00				
Quarter dollars				778,000.00	
Dimes	108,000.00			681,000.00	511,700.00
Total silver	20,557,000.00	15,063,000.00	6,811,000.00	1,459,000.00	511,700.00
Minor: 5 cents				262,900.00	222,500.00
1 cent		71,600.00		25,200.00	225,800.00
Total minor		71,600.00		288,100.00	448,300.00
Total value	20,557,000.00	15,134,600.00	40,856,000.00	62,737,100.00	61,175,000.00
ALL MINTS					
Grand total value	100,782,845.50	165,076,646.50	114,575,118.50	229,946,730.00	216,456,863.00

the past 10 calendar years

DENOMINATION

1926	1927	1928	1929	1930	Total
$16,335,000.00	$58,935,000.00	$176,320,000.00	$35,595,000.00		$479,690,000.00
10,140,000.00					10,140,000.00
			3,310,000.00		3,310,000.00
1,615,565.00	970,000.00	1,040,000.00	1,330,000.00		4,955,565.00
					10,016.00
28,090,565.00	59,905,000.00	177,360,000.00	40,235,000.00		498,105,581.00
1,939,000.00	848,000.00	360,649.00			153,390,122.00
524,279.00	20,017.00	30,018.00			2,166,851.00
2,829,000.00	2,978,000.00	1,584,000.00	2,785,000.00	$1,408,000.00	20,292,000.00
3,216,000.00	2,808,000.00	1,948,000.00	2,597,000.00	677,000.00	21,344,000.00
8,508,279.00	6,654,017.00	3,922,667.00	5,382,000.00	2,085,000.00	197,192,973.00
2,234,650.00	1,899,050.00	1,170,550.00	1,822,300.00	1,142,450.00	13,447,155.00
1,570,880.00	1,444,400.00	1,341,160.00	1,852,620.00	1,574,150.00	11,073,280.00
3,805,530.00	3,343,450.00	2,511,710.00	3,674,920.00	2,716,600.00	24,520,435.00
40,404,374.00	69,902,467.00	183,794,377.00	49,291,920.00	4,801,600.00	719,818,989.00
40,830,000.00	62,140,000.00			1,480,000.00	291,690,000.00
				960,000.00	960,000.00
40,830,000.00	62,140,000.00			2,440,000.00	292,650,000.00
6,980,000.00	866,000.00	1,632,000.00			71,006,000.00
50,027.50	1,196,000.00	970,000.00	951,000.00		4,767,180.00
675,000.00	99,000.00	661,000.00	441,000.00	389,000.00	3,320,000.00
152,000.00	477,000.00	740,000.00	473,000.00	184,300.00	3,967,300.00
7,857,027.50	2,638,000.00	4,003,000.00	1,865,000.00	573,300.00	83,060,480.00
48,500.00	171,500.00	346,800.00	387,700.00	271,750.00	1,995,850.00
45,500.00	142,760.00	172,660.00	501,480.00	242,860.00	1,725,760.00
94,000.00	314,260.00	519,460.00	889,180.00	514,610.00	3,721,610.00
48,781,027.50	65,092,260.00	4,522,460.00	2,754,180.00	3,527,910.00	379,432,090.00
9,620,000.00	3,600,000.00				167,025,000.00
					1,445,000.00
9,620,000.00	3,600,000.00				168,470,000.00
2,348,700.00	1,268,900.00				45,836,600.00
			500,600.00		604,600.00
429,000.00	244,100.00	406,900.00	339,500.00		2,197,500.00
682,800.00	481,200.00	416,100.00	503,400.00		3,384,200.00
3,460,500.00	1,994,200.00	823,000.00	1,343,500.00		52,022,900.00
281,900.00	286,500.00	321,800.00	418,500.00		1,794,100.00
280,200.00	271,700.00	311,700.00	417,300.00	401,000.00	2,004,500.00
562,100.00	558,200.00	633,500.00	835,800.00	401,000.00	3,798,600.00
13,642,600.00	6,152,400.00	1,456,500.00	2,179,300.00	401,000.00	224,291,500.00
102,828,001.50	141,147,127.00	189,773,337.00	54,225,400.00	8,730,510.00	1,323,542,579.00

Coinage of each mint during the

BY NUMBER

Mints	1921	1922	1923	1924	1925
Philadelphia: Gold	528,500	1,365,516	506,000	4,223,500	2,831,750
Silver	49,308,598	51,837,061	90,646,000	46,883,080	50,564,528
Minor	49,820,000		110,438,000	96,798,000	175,514,100
Total	99,657,098	53,222,577	201,650,000	148,004,580	228,910,378
San Francisco: Gold		2,658,000		2,927,500	3,776,500
Silver	22,243,000	17,473,000	29,272,077	11,705,000	7,660,228
Minor	16,831,000		14,842,000	13,133,000	32,636,000
Total	39,074,000	20,133,000	44,114,077	27,765,500	44,072,728
Denver: Gold			1,702,250	3,049,500	3,516,500
Silver	21,633,000	15,063,000	6,811,000	9,922,000	5,117,000
Minor		7,160,000		7,778,000	27,030,000
Total	21,633,000	22,223,000	8,513,250	20,749,500	35,663,500
All mints: Grand total pieces	160,364,098	95,578,577	254,277,327	196,522,580	308,646,606

past 10 calendar years—Continued

OF PIECES

1926	1927	1928	1929	1930	Total
2,476,976	3,334,750	9,232,000	2,973,750	----------	27,652,742
46,463,558	40,880,034	26,236,685	37,110,000	12,402,000	452,331,824
201,781,000	182,421,000	157,527,000	221,708,000	180,264,000	1,376,271,100
250,721,534	226,635,784	192,995,685	261,791,750	192,666,000	1,856,255,666
2,041,500	3,107,000	----------	----------	170,000	14,680,500
11,300,055	8,424,000	13,616,000	8,396,000	3,399,000	133,493,360
5,520,000	17,706,000	24,202,000	57,902,000	29,721,000	212,493,000
18,861,555	29,237,000	37,818,000	66,298,000	33,290,000	360,666,860
481,000	180,000	----------	----------	----------	8,929,250
10,892,700	7,057,300	5,788,600	7,393,200	----------	89,677,800
33,658,000	32,900,000	37,606,000	50,100,000	40,100,000	236,332,000
45,031,700	40,137,300	43,394,600	57,493,200	40,100,000	334,939,050
314,614,789	296,010,084	274,208,285	385,582,950	266,056,000	2,551,861,57

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793–1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,360,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,680,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,384,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	294,950	60,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,502.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagle	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,030
1905		37,440,220	5,703,280	5,915,040		544,860.00	[3] 35,039
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		941,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	[3] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[3] 25,034
1916		15,920,000	1,385,000	1,200,000			[5] 20,026
1917							[5] 10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					[6] 10,016
1922		80,670,000					
1923		45,365,000					
1924		206,010,000					
1925		190,935,000				1,445,000.00	
1926		66,785,000	10,140,000			[7] 1,615,565.00	
1927		124,675,000				970,000.00	
1928		176,320,000				1,040,000.00	
1929		35,595,000		3,310,000		1,330,000.00	
1930		1,480,000	960,000				
Total: 1874–1930	150,950	2,709,806,120	473,422,910	325,669,960	449,493	24,316,780.00	692,827
1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,760,302.50	19,181,927
Grand total	150,950	3,390,272,120	529,079,850	394,559,345	1,619,376	51,067,082.50	19,874,754

[1] Louisiana Purchase Exposition.
[2] Lewis and Clark Exposition.
[3] Panama–Pacific International Exposition coins (octagonal, $75,450; round, $75,500).
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Grant memorial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence.

NOTE.—Coinage during the early years not susceptible of exact statement by years of actual date on coin, the registry of annual coinage being of coin delivered by the coining departments of mints within the given year, and these deliveries not having been invariably completed within the year of the date of coin, as now required.

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793–1795		$204,791	$161,572.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,900.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,650.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	45,250.00	
1833			2,603,000.00	39,000.00	485,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	133,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,146,555.00	327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	324,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		798,830	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,178.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873	$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

See footnotes at end of table and general note at foot of p. 97.

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4, 910, 000		$1, 406, 650. 00	$215, 975. 00	$319, 151. 70		
1875[1]	6, 279, 600		5, 117, 750. 00	1, 278, 375. 00	2, 406, 570. 00		
1876[1]	6, 192, 150		7, 451, 575. 00	7, 839, 287. 50	3, 015, 115. 00		
1877[1]	13, 092, 710		7, 540, 255. 00	6, 024, 927. 50	1, 735, 051. 00		
1878[1]	4, 259, 900	$22, 495, 550	726, 200. 00	849, 200. 00	187, 880. 00		
1879	1, 541	27, 560, 100	2, 950. 00	3, 675. 00	1, 510. 00		
1880	1, 987	27, 397, 355	4, 877. 50	3, 738. 75	3, 735. 50		
1881	960	27, 627, 975	5, 487. 50	3, 243. 75	3, 497. 50		
1882	1, 097	27, 574, 100	2, 750. 00	4, 075. 00	391, 110. 00		
1883	979	28, 470, 039	4, 519. 50	3, 859. 75	767, 571. 20		
1884		28, 136, 875	2, 637. 50	2, 218. 75	393, 134. 90		
1885		28, 697, 767	3, 065. 00	3, 632. 50	257, 711. 70		
1886		31, 423, 886	2, 943. 00	1, 471. 50	658, 409. 40		
1887		33, 611, 710	2, 855. 00	2, 677. 50	1, 573, 838. 90		
1888		31, 990, 833	6, 416. 50	306, 708. 25	721, 648. 70		
1889		34, 651, 811	6, 355. 50	3, 177. 75	835, 338. 90		
1890		38, 043, 004	6, 295. 00	20, 147. 50	1, 133, 461. 70		
1891		23, 562, 735	10, 300. 00	1, 551, 150. 00	2, 304, 671. 60		
1892		6, 353, 245	[2] 1, 652, 136. 50	2, 991, 331. 00	1, 695, 365. 50		
1893		1, 455, 792	[3] 4, 003, 948. 50	[4] 2, 583, 843. 25	759, 219. 30		
1894		3, 093, 972	3, 667, 331. 00	2, 223, 448. 25	205, 099. 60		
1895		862, 880	2, 354, 652. 00	2, 255, 390. 25	225, 088. 00		
1896		19, 876, 762	1, 507, 855. 00	1, 386, 700. 25	318, 581. 80		
1897		12, 651, 731	2, 023, 315. 50	2, 524, 440. 00	1, 287, 810. 80		
1898		14, 426, 735	3, 094, 642. 50	3, 497, 331. 75	2, 015, 324. 20		
1899		15, 182, 846	4, 474, 628. 50	3, 994, 211. 50	2, 409, 833. 90		
1900		[4] 25, 010, 938	5, 033, 617. 00	3, 822, 874. 25	2, 477, 918. 20		
1901		22, 566, 813	3, 119, 928. 50	2, 644, 369. 25	2, 507, 350. 00		
1902		18, 160, 777	4, 454, 723. 50	4, 617, 389. 00	2, 795, 077. 70		
1903		10, 343, 755	3, 149, 763. 50	3, 551, 516. 00	2, 829, 405. 50		
1904		8, 812, 650	2, 331, 654. 00	3, 011, 203. 25	1, 540, 102. 70		
1905			1, 830, 863. 50	2, 020, 562. 50	2, 480, 754. 90		
1906			5, 426, 414. 50	2, 248, 108. 75	2, 976, 504. 60		
1907			5, 825, 587. 50	3, 899, 143. 75	3, 453, 704. 50		
1908			5, 819, 686. 50	4, 262, 136. 25	2, 309, 954. 50		
1909			2, 529, 025. 00	4, 110, 662. 50	1, 448, 165. 00		
1910			1, 183, 275. 50	936, 137. 75	1, 625, 055. 10		
1911			1, 686, 811. 50	1, 410, 535. 75	3, 359, 954. 30		
1912			2, 610, 750. 00	1, 277, 175. 00	3, 453, 070. 00		
1913			663, 313. 50	493, 853. 25	2, 027, 062. 20		
1914			558, 305. 00	2, 388, 652. 50	3, 136, 865. 50		
1915			[6] 1, 486, 425. 00	1, 969, 612. 50	658, 045. 00		
1916			1, 065, 200. 00	2, 095, 200. 00	5, 720, 400. 00		
1917			10, 751, 700. 00	9, 464, 400. 00	9, 196, 200. 00		
1918			[7] 10, 434, 549. 00	8, 173, 000. 00	6, 865, 480. 00		
1919			1, 859, 500. 00	3, 776, 000. 00	5, 452, 900. 00		
1920			[8] 6, 398, 570. 00	9, 456, 600. 00	9, 202, 100. 00		
1921		[9] 87, 736, 473	[10] 611, 062. 50	479, 000. 00	231, 000. 00		
1922		84, 275, 000	[11] 50, 030. 50				
1923		56, 631, 000	[12] 1, 226, 038. 50	2, 769, 000. 00	5, 657, 000. 00		
1924		13, 539, 000	[13] 71, 040. 00	4, 223, 000. 00	3, 794, 000. 00		
1925		11, 808, 000	[14] 1, 338, 518. 00	3, 070, 000. 00	3, 657, 700. 00		
1926		11, 267, 700	[15] 574, 306. 50	3, 933, 000. 00	4, 050, 800. 00		
1927		2, 962, 900	[16] 1, 216, 017. 00	3, 321, 100. 00	3, 766, 200. 00		
1928		1, 992, 640	[17] 1, 000, 018. 00	2, 651, 900. 00	3, 104, 100. 00		
1929			1, 451, 600. 00	3, 565, 500. 00	3, 573, 400. 00		
1930				1, 797, 000. 00	861, 300. 00		
Total:							
1874–1930	34, 740, 924	840, 555, 358	130, 911, 200. 50	140, 992, 069. 50	129, 836, 300. 50		
1793–1873	1, 225, 000	8, 031, 238	100, 541, 253. 00	22, 288, 021. 50	9, 242, 079. 20	4, 880, 219. 40	1, 282, 087. 20
Grand total	35, 965, 924	848, 586, 596	231, 452, 453. 50	163, 280, 091. 00	139, 078, 379. 70	4, 880, 219. 40	1, 282, 087. 20

[1] **20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total $271,000.**
[2] Includes $475,000 in Columbian coins.
[3] Includes $2,026,052.50 in Columbian coins.
[4] Includes $10,005.75 in Columbian coins.
[5] Includes $50,026 in Lafayette souvenir coins.
[6] Includes $30,015 in Panama Pacific International Exposition coins.
[7] Includes $50,029 Illinois Centennial coins.
[8] Includes $25,014 Maine Centennial and $100,056 Landing of Pilgrims coins.
[9] Includes $1,006,473 "Peace" coins.
[10] Includes $50,026.50 Landing of Pilgrims, $25,014 Missouri Centennial, and $35,022 Alabama Centennial coins.
[11] Grant Memorial coins.
[12] Includes $137,038.50 Monroe Doctrine commemorative coins.
[13] Huguenot-Walloon commemorative coins.
[14] Stone Mountain, $1,157,354.50; Lexington-Concord, $81,049.50; California Jubilee, $75,100; Vancouver, $25,014.
[15] National Sesquicentennial of signing Declaration of Independence, $500,264; Oregon Trail, $74,042.50.
[16] Includes commemorative coins Battle of Bennington, Vt., $20,017.
[17] Includes $25,014 Oregon Trail and $5,004 Hawaiian commemorative coins.

NOTE.—The silver dollar coins executed subsequent to 1920 represent an equivalent number of dollars converted to bullion under the act of Apr. 23, 1918—239,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793–1795					
1796				$10,660.33	$712.67
1797				9,747.00	577.40
1798				8,975.10	535.24
1799				9,797.00	
1800				9,045.85	60.83
1801				28,221.75	1,057.65
1802				13,628.37	
1803				34,351.00	71.53
1804				24,713.53	489.50
1805				7,568.38	5,276.56
1806				9,411.16	4,072.32
1807				3,480.00	1,780.00
1808				7,272.21	2,380.00
1809				11,090.00	2,000.00
1810				2,228.67	5,772.86
1811				14,585.00	1,075.00
1812				2,180.25	315.70
1813				10,755.00	
1814				4,180.00	
1815				3,578.30	
1816					
1817				28,209.82	
1818				39,484.00	
1819				31,670.00	
1820				26,710.00	
1821				44,075.50	
1822				3,890.00	
1823				20,723.39	
1824					
1825				12,620.00	
1826				14,611.00	315.00
1827				15,174.25	1,170.00
1828				23,577.32	
1829				22,606.24	3,030.00
1830				14,145.00	2,435.00
1831				17,115.00	
1832				33,592.00	11.00
1833				23,620.00	
1834				27,390.00	770.00
1835				18,551.00	600.00
1836				38,784.00	705.00
1837				21,110.00	1,990.00
1838				55,583.00	
1839				63,702.00	
1840				31,286.61	
1841				24,627.00	
1842				15,973.67	
1843				23,833.90	
1844				24,283.20	
1845				23,987.52	
1846				38,948.04	
1847				41,208.00	
1848				51,836.69	
1849				64,157.99	
1850				41,785.00	199.32
1851				44,268.44	199.06
1852				98,897.07	738.36
1853				50,630.94	
1854				66,411.31	648.47
1855				42,361.56	276.79
1856				15,748.29	282.50
1857				26,904.63	202.15
1858				177,834.56	175.90
1859				246,000.00	
1860				364,000.00	
1861				205,660.00	
1862				101,000.00	
1863				280,750.00	
1864				498,400.00	
1865			$396,950.00	529,737.14	
1866	$737,125.00	$341,460.00	272,800.00	354,292.86	
1867	1,545,475.00	144,030.00	63,540.00	98,205.00	
1868	1,440,850.00	117,450.00	58,775.00	98,210.00	
1869	819,750.00	97,560.00	56,075.00	102,665.00	
1870	240,300.00	48,120.00	30,930.00	64,200.00	
1871	28,050.00	40,050.00	17,225.00	52,750.00	
1872	301,800.00	18,120.00	14,425.00	39,295.00	
1873	227,500.00	25,860.00	1,300.00	40,420.00	
		35,190.00		116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,807.44	39,926.11

See general note, foot of p. 97.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,580.00	
1927	2,357,050.00			1,858,860.00	
1928	1,839,150.00			1,525,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
Total:					
1874–1930	72,898,188.10	73,509.48		55,667,496.83	
1793–1873	5,340,850.00	867,840.00	$912,020.00	4,929,807.44	$39,926.11
Grand total	78,239,038.10	941,349.48	912,020.00	60,597,304.27	39,926.11

Total gold, silver, and minor coinage of the United States, by calendar years

Calendar year	Gold	Silver	Minor	Total value
1793–1795	$71,485.00	$370,683.80	$11,373.80	$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,355,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.99	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,950.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	744,397.00	99,635.43	63,458,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,080.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	85,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	800,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,194,038.30	99,890.00	24,326,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years—Contd.

Calendar year	Gold	Silver	Minor	Total value
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800. 00	71, 293. 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29, 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542. 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 60	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1896	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626, 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 460. 75	2, 120, 122. 08	134, 693, 770. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 685, 880. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 607. 68
1904	233, 402, 430. 00	15, 695, 609. 95	1, 683, 529. 35	250, 781, 569. 30
1905	49, 638, 439. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 175. 33
1906	78, 793, 045. 00	10, 651, 027. 85	2, 890, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 126. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 920. 83	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 340, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 335. 47	33, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968. 401. 50	4, 114, 097. 50	2, 062, 839. 70	30, 145, 338. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 376. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 089. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 662. 04	31, 445, 691. 04
1919		11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 037, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	10, 570, 000. 00	89, 057, 535. 50	1, 155, 310. 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	45, 365, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	206, 010, 000. 00	21, 627, 040. 00	2, 309, 690. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	78, 540, 565. 00	19, 825, 806. 50	4, 461. 630. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	40, 235, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400 00
1930	2, 440, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
Total:				
1874–1930	3, 534, 509, 040. 00	1, 277, 306, 852. 50	128, 639, 194. 41	4, 940, 455, 086. 91
1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 386, 623, 477. 50	1, 424, 796, 750. 80	140, 729, 637. 96	5, 952, 149, 866. 26

Income and expenses of the United States mints and assay offices.

Item	Coinage mints		
	Philadelphia	San Francisco	Denver
INCOME			
Revenues:			
Melting charges	$8,979.00	$11,449.00	$3,139.87
Parting and refining charges		73,816.63	39,487.75
Alloy charges	265.83	4,697.49	949.28
Fine and unparted bar charges	208.57	157.24	11.83
Proceeds of medals sold	6,531.20		
Receipts for special assays of bullion and ores	99.00	271.00	16.00
Value of bullion recovered incident to receipt of deposits	1,879.39	1,785.69	2,425.94
Value of bullion recovered from refining and coining operations	22,266.83	18,333.17	184.17
Gain on lightweight and mutilated coins purchased for recoinage	122.56	17.02	67.54
Gain on bullion shipments to Government refineries			200.05
Receipts from sale of by-products (platinum, etc.)			
Receipts from sale of old materials	3,235.25	121.93	
Seigniorage on subsidiary silver coinage	6,600.58	121,737.06	
Seigniorage or minor coinage (nickel)	99,869.22	186,108.16	
Seigniorage on minor coinage (bronze)	544,700.97	33,655.49	146,026.81
Commission on telephone calls	47.56		15.25
Unclaimed funds			
Total revenue	694,805.96	452,149.88	192,524.49
Appropriation earnings:			
Charges for manufacture of foreign coin	19,388.49		
Charges for manufacture of special medals	26,787.41		
Charges for work and supplies for other institutions	11,858.70		
Interinstitution items not involving appropriation transfers	8,746.08		
Total earnings	66,780.68		
Total income	761,586.64	457,149.88	192,524.49
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	.13	10.11	1.85
Personnel	557,380.77	229,515.01	172,041.44
Other expenses, including supplies, materials, equipment, and miscellaneous items	81,390.47	28,148.93	22,844.57
Interinstitution items not involving appropriation transfers		357.50	790.34
Total	638,771.37	258,031.55	195,678.20
Payable from revenue:			
Expenses of distributing minor coin	18,024.24	2,063.81	5,755.04
Wastage of operative departments, minor metals	1,084.87	52.61	33.86
Total payable from revenue	19,109.11	2,116.42	5,788.90
Total expenses	657,880.48	260,147.97	201,467.10

also of the Mint Bureau, for the fiscal year ended June 30, 1931

Assay offices							Office of Director of the Mint	Total
New York	New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City		
$19,203.90	$357.00	$271.10	$296.00	$253.00	$1,585.80	$56.00		$45,590.67
128,127.42								241,431.80
6,894.66								12,807.26
16,237.49								16,615.13
								6,531.20
559.00	48.00	179.00	701.00	42.50	121.00	255.50		2,292.00
13,299.62	233.19	76.82	112.27	36.85	533.60			20,383.37
27,997.22								68,781.39
115.35								322.47
			125.13		79.44			204.57
8,778.36								8,978.41
10.00								3,367.18
								128,337.64
								285,977.38
								724,383.27
								62.81
					50			.50
221,223.02	638.19	526.92	1,234.40	332.35	2,320.34	311.50		1,566,067.05
								19,388.49
								26,787.41
								12,168.14
				309.44				8,746.08
				309.44				67,090.12
221,223.02	638.19	526.92	1,234.40	641.79	2,320.34	311.50		1,633,157.17
	274.18	38.27	81.13	19.25	2,657.25		$0.04	3,082.21
266,875.28	13,005.28	5,739.28	6,115.17	5,739.29	21,164.49	4,299.29	38,709.20	1,320,584.50
57,781.09	1,828.15	564.91	863.21	902.95	7,554.67	73.38	5,951.18	207,903.51
7,543.24	55.00							8,746.08
332,199.61	15,162.61	6,342.46	7,059.51	6,661.49	31,376.41	4,372.67	44,660.42	1,540,316.30
								25,843.09
								1,171.34
								27,014.43
332,199.61	15,162.61	6,342.46	7,059.51	6,661.49	31,376.41	4,372.67	44,660.42	1,567,330.73

Appropriations, reimbursements, expenses, and balances of all offices of the mint service, fiscal year ended June 30, 1931

Items	Salaries and wages	General expenses	Total personnel and general expenses	Transportation of bullion and coin	Total
Office of Director of the Mint:					
Appropriated	[1] $38,764.00	$6,500.00	$45,264.00	$10,000.00	$55,264.00
				(.04)	
Expended	38,709.20	5,951.18	44,660.38	[2] 3,082.21	47,742.59
Unexpended balance	54.80	548.82	603.62	6,917.79	7,521.41
Field service:					
Appropriated			[3] 1,633,896.00		1,633,896.00
Reimbursed—					
Philadelphia			58,034.60		58,034.60
Helena			309.44		309.44
Available for use			1,692,240.04		1,692,240.04
Expended—					
Philadelphia Mint	557,380.77	81,390.47	638,771.24	(.13)	638,771.24
San Francisco Mint	229,515.01	28,148.93	257,663.94	(10.11)	257,663.94
Denver Mint	172,041.44	22,844.57	194,886.01	(1.85)	194,886.01
New York assay office	266,875.28	57,781.09	324,656.37		324,656.37
New Orleans Mint	13,005.28	1,828.15	14,833.43	(274.18)	14,833.43
Carson City Mint	5,739.28	564.91	6,304.19	(38.27)	6,304.19
Boise assay office	6,115.17	863.21	6,978.38	(81.13)	6,978.38
Helena assay office	5,739.29	902.95	6,642.24	(19.25)	6,642.24
Seattle assay office	21,164.49	7,554.67	28,719.16	(2,657.25)	28,719.16
Salt Lake City assay office	4,299.29	73.38	4,372.67		4,372.67
Total expended	1,281,875.30	201,952.33	1,483,827.63		1,483,827.63
Unexpended balance			208,412.41		208,412.41
Total entire service:					
Appropriated			1,679,160.00	10,000.00	1,689,160.00
Reimbursed			58,344.04		58,344.04
Available			1,737,504.04	10,000.00	1,747,504.04
Expended			1,528,488.01	3,082.21	1,531,570.22
Unexpended balance			209,016.03	6,917.79	215,933.82

[1] Includes $584 personnel reallocation transfer from appropriation "Salaries and expenses, mints and assay offices, 1931."

[2] Chargeable, as indicated in parentheses, to the several offices.

[3] See note 1; amount appropriated was $1,634,480.

Cash assets and liabilities of the United States mints and assay offices, June 30, 1931

ASSETS

[On value basis, see p. 62]

Institutions	Gold bullion		Silver bullion		Gold coin
	Fine ounces	Value	Ounces	Value	
Coinage mints:					
Philadelphia	21,847,877.372	$451,635,707.84	7,374,511.63	$6,124,116.89	$134,785,805.00
San Francisco	34,222,303.333	707,437,794.80	1,748,245.61	1,068,397.05	311,043,695.00
Denver	6,965,464.849	143,988,937.41	4,107,412.60	2,786,081.40	263,922,415.00
Assay offices:					
New York	77,172,803.807	1,595,303,437.48	3,086,501.13	1,663,817.88	34,251,000.00
New Orleans	1,717.359	35,502.58	572.62	151.92	
Carson City	639.348	13,629.83	1,175.90	314.59	
Boise	998.151	20,633.55	348.18	117.90	
Helena	597.007	12,341.08	243.60	87.13	
Seattle	26,580.368	549,465.03	4,363.13	1,357.06	
Salt Lake City	998.605	20,642.75	329.10	131.03	
Total	140,240,000.199	[2] 2,899,018,092.35	16,323,703.50	11,644,572.85	744,002,915.00

[1] Constitutes, principally, reserves against outstanding currency, and holdings for account of Federal reserve banks. More than similar figure reported by Treasurer by $1,115,785 due to difference in accounting interpretation.

Cash assets and liabilities of the United States mints and assay offices, June 30, 1931—Continued

ASSETS

Institutions	Silver coin [2]	Minor coin	Paper currency	Minor coinage metal	Checking credit with United States Treasurer	Total
Coinage mints:						
Philadelphia	$236, 235, 997. 62	$2, 565, 048. 81	$633, 300. 00	$368, 899. 45	$98, 508. 10	$832, 447, 383. 71
San Francisco	86, 972, 399. 75	1, 114, 490. 90	38, 500. 00	36, 604. 99	62, 657. 51	1, 107, 774, 540. 00
Denver	57, 675, 035. 85	393, 832. 93	414, 547. 00	83, 643. 04	60, 445. 65	469, 324, 938. 28
Assay offices:						
New York	61, 664, 765. 85	----------	43, 827, 660. 00	----------	20, 041. 93	1, 736, 730, 723. 14
New Orleans	6, 878, 500. 00	----------	----------	----------	87. 84	6, 914, 242. 34
Carson City	----------	----------	----------	----------	51. 82	13, 996. 24
Boise	----------	----------	----------	----------	----------	20, 751. 45
Helena	----------	----------	----------	----------	116. 31	12, 544. 52
Seattle	----------	----------	----------	----------	3, 557. 31	554, 379. 40
Salt Lake City	----------	----------	----------	----------	----------	20, 773. 78
Total	449, 426, 699. 07	4, 073, 372. 64	44, 914, 007. 00	489, 147. 48	245, 466. 47	4, 153, 814, 272. 86

LIABILITIES

Institutions	Bullion fund	Minor coinage metal fund	Recoinage fund	Expense funds	Revenues	Total
Coinage mints:						
Philadelphia	$826, 523, 656. 26	$260, 000. 00	$5, 622, 040. 15	$38, 391. 71	$3, 295. 59	$832, 447, 383. 71
San Francisco	1, 107, 404, 176. 60	70, 000. 00	276, 374. 55	18, 465. 55	5, 523, 30	1, 107, 774, 540. 00
Denver	468, 226, 213. 29	70, 000. 00	1, 013, 939. 79	7, 570. 82	7, 214. 38	469, 324, 938. 28
Assay offices:						
New York	1, 736, 710, 681. 21	----------	----------	20, 041. 93	----------	1, 736, 730, 723. 14
New Orleans	6, 914, 154. 50	----------	----------	87. 84	----------	6, 914, 242. 34
Carson City	13, 944. 42	----------	----------	----------	51. 82	13, 996. 24
Boise	20, 751. 45	----------	----------	----------	----------	20, 751. 45
Helena	12, 428. 21	----------	----------	116. 31	----------	12, 544. 52
Seattle	550, 822. 09	----------	----------	3, 557. 31	----------	554, 379. 40
Salt Lake City	20, 773. 78	----------	----------	----------	----------	20, 773. 78
Total	4, 146, 397, 601. 81	400, 000. 00	6, 912, 354. 49	88, 231. 47	16, 085. 09	4, 153, 814, 272. 86

[2] Includes unclassified cash: Philadelphia, $2,477.02; San Francisco, $44,649.75; New York, $765.85.

Stock of domestic coin in the United States, June 30, 1931 [1]

On June 30, 1931, the stock of domestic coin in the United States was $2,673,898,415, as shown in the table below:

Item	Gold	Silver	Minor	Total
Estimated stock of coin in United States June 30, 1930	$1, 496, 305, 505	$850, 937, 895	$126, 001, 052	$2, 473, 244, 452
Coinage executed during fiscal year 1931	4, 570, 000	795, 300	1, 249, 810	6, 615, 110
Imports United States coin, fiscal year 1931	253, 371, 606	2, 478, 389	----------	255, 849, 995
Total	1, 754, 247, 111	854, 211, 584	127, 250, 862	2, 735, 709, 557
Less:				
Exports United States coin, fiscal year 1931	39, 629, 056	46, 424	----------	39, 675, 480
Earmarked for foreign account, fiscal year 1931 (net increase)	9, 300, 000	----------	----------	9, 300, 000
United States coin withdrawn from monetary use, face value, fiscal year 1931	3, 384, 365	5, 487, 468	363, 829	9, 235, 662
United States coin used in industrial arts, and general disappearance, estimated, fiscal year 1931	3, 500, 000	100, 000	----------	3, 600, 000
Total	55, 813, 421	5, 633, 892	363, 829	61, 811, 142
Estimated stock of coin in United States June 30, 1931	1, 698, 433, 690	848, 577, 692	126, 887, 033	2, 673, 898, 415

NOTE.—The number of standard silver dollars coined to June 30, 1931, was 840,505,332, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 841,652,191. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November, 1919, to July, 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of April 23, 1918, totaled 270,232,722, those melted otherwise (multilated, etc.), since 1883 numbered 223,671; and the number of Hawaiian dollars melted to June 30, 1931, was 455,329, a total disposition of 301,603,864, leaving in the United States on June 30, 1931, 539,958,327 standard silver dollars and 308,619,365 dollars in subsidiary silver coin.

[1] For method of estimating, see p. 62.

Location, ownership, and per capita circulation of United States money, June 30, 1931

Kind of money	Money held in the treasury				
	Total	Amount held in trust against gold and silver certificates (and Treasury notes of 1890)	Reserve against United States notes (and Treasury notes of 1890)	Held for Federal reserve banks and agents	All other money
Gold coin and bullion	$3,696,078,869	$1,701,514,389	$156,039,088	$1,776,690,378	$61,835,014
Standard silver dollars	498,497,281	494,588,776			3,908,505
Subsidiary silver	5,692,865				5,692,865
Minor coin	4,607,053				4,607,053
United States notes	3,523,480				3,523,480
Federal reserve notes	1,402,130				1,402,130
Federal reserve bank notes	42,487				42,487
National bank notes	17,890,685				17,890,685
Total June 30, 1931	[1] 4,227,734,850	2,196,103,165	156,039,088	1,776,690,378	[2] 98,902,219
Comparative totals:					
June 30, 1930	[1] 4,021,936,763	1,978,447,640	156,039,088	1,796,229,235	91,210,800
Oct. 31, 1920	[1] 2,436,864,530	718,674,378	152,979,026	1,212,360,791	352,850,336
Mar. 31, 1917	[1] 2,952,020,313	2,681,691,072	152,979,026		117,350,216
June 30, 1914	[1] 1,845,575,888	1,507,178,879	150,000,000		188,397,009
Jan. 1, 1879	[1] 212,420,402	21,602,640	100,000,000		90,817,762

Kind of money	Money outside of the treasury				
	Total	Held by Federal reserve banks and agents [3]	In circulation		Total amount [4]
			Amount	Per capita [5]	
Gold coin and bullion	$1,259,842,230	$896,822,030	$363,020,200	$2.93	[6] $4,955,921,099
Gold certificates	1,701,514,389	705,004,841	996,509,548	8.03	([7] 1,701,514,389)
Standard silver dollars	41,461,045	7,135,008	34,326,038	.28	539,958,327
Silver certificates	493,349,026	116,200,102	377,148,924	3.04	([7] 493,349,026)
Treasury notes of 1890	1,239,750		1,239,750	.01	([7] 1,239,750)
Subsidiary silver	302,926,500	29,779,482	273,147,018	2.20	308,619,365
Minor coin	122,279,980	4,886,964	117,393,016	.95	126,887,033
United States notes	343,157,539	43,730,245	299,427,291	2.41	346,681,016
Federal reserve notes	2,100,176,320	391,747,538	1,708,428,782	13.77	2,101,578,450
Federal reserve bank notes	2,931,475	2,067	2,929,378	.02	2,973,962
National bank notes	679,113,761	30,750,408	648,363,353	5.22	697,004,446
Total June 30, 1931	7,047,992,013	2,226,058,715	4,821,933,298	38.80	9,079,623,698
Comparative totals:					
June 30, 1930	6,263,074,941	1,741,086,979	4,521,987,962	36.71	8,306,564,064
Oct. 31, 1920	6,761,430,672	1,063,216,060	5,698,214,612	53.21	8,479,620,824
Mar. 31, 1917	5,126,267,436	953,321,522	4,172,945,914	40.23	5,396,596,677
June 30, 1914	3,458,059,755		3,458,059,755	34.92	3,796,456,764
Jan. 1, 1879	816,266,721		816,266,721	16.92	1,007,084,483

[1] The amount of money held in trust against gold and silver certificates and Treasury notes of 1890 should be deducted from this total before combining it with total money outside of the Treasury to arrive at the stock of money in the United States.

[2] This total includes $30,166,138 gold deposited for the redemption of Federal reserve notes ($1,139,730 in process of redemption), $29,415,523 lawful money deposited for the redemption of National bank notes ($17,839,975 in process of redemption, including notes chargeable to the retirement fund), $1,350 lawful money deposited for the retirement of additional circulation (act of May 30, 1908), and $11,826,948 lawful money deposited as a reserve for postal savings deposits.

[3] Includes money held by the Cuban agency of the Federal Reserve Bank of Atlanta.

[4] Includes any paper currency held outside the continental limits of the United States.

[5] Population of continental United States (estimated) June 30, 1931, 124,076,000; June 30, 1930, 123,191,000; Oct. 31, 1920, 107,006,005; Mar. 31, 1917; 103,716,000; June 30, 1914, 99,027,000; Jan. 1, 1879, 48,231,000.

[6] Does not include gold bullion or foreign coin other than that held by the Treasury. Federal reserve banks, and Federal reserve agents. Gold held by Federal reserve banks under earmark for foreign account is excluded, and gold held abroad for Federal reserve banks is included.

[7] These amounts are not included in the total since the money held in trust against gold and silver certificates and Treasury notes of 1890 is included under gold coin and bullion and standard silver dollars, respectively.

NOTE.—Gold certificates are secured dollar for dollar by gold held in the Treasury for their redemption; silver certificates are secured dollar for dollar by standard silver dollars held in the Treasury for their redemption; United States notes are secured by a gold reserve of $156,039,088 held in the Treasury. This reserve fund may also be used for the redemption of Treasury notes of 1890, which are also secured dollar for dollar by standard silver dollars held in the Treasury; these notes are being canceled and retired on receipt. Federal reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal reserve bank. Federal reserve notes are secured by the deposit with Federal reserve agents of a like amount of gold or of gold and such discounted or purchased paper as is eligible under the terms of the Federal reserve act. Federal reserve banks must maintain a gold reserve of at least 40 per cent, including the gold redemption fund which must be deposited with the United States Treasurer, against Federal reserve notes in actual circulation. Lawful money has been deposited with the United States Treasurer, against Federal States for retirement of all outstanding Federal reserve bank notes. National bank notes are secured by United States bonds except where lawful money has been deposited with the Treasurer of the United for their retirement. A 5 per cent fund is also maintained in lawful money with the Treasurer of the United States for the redemption of National bank notes secured by Government bonds.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin [1] (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,589	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,233	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	636,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,554	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,863,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,720	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	672,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,524,851	844,148	35.60	6.95	42.55
1930	123,191	4,534,806	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78

[1] Harmonized with revised data appearing in the annual report of the Secretary of the Treasury for the fiscal year 1931. Tables 51 and 52.

Cash assets and liabilities of the United States mints and assay offices, December 31, 1930

ASSETS

[On value basis, see p. 62]

Institutions	Gold bullion		Silver bullion	
	Ounces, fine	Value	Ounces	Value
Coinage mints:				
Philadelphia	21,700,311.277	$448,585,245.93	4,873,300.73	$2,708,347.53
San Francisco	32,214,033.345	665,923,169.75	1,443,046.16	771,683.17
Denver	6,729,449.393	139,110,064.93	3,704,523.40	2,355,182.17
Assay offices:				
New York	74,002,607.205	1,529,769,657.59	2,807,598.06	1,585,472.28
New Orleans	1,178.301	24,360.28	516.62	166.50
Carson City	469.979	9,715.24	438.80	154.43
Boise	515.123	10,648.52	255.11	100.79
Helena	263.723	5,451.54	153.74	73.97
Seattle	36,352.160	751,465.90	5,387.87	1,934.75
Salt Lake City	562.955	11,637.11	198.44	89.15
Total	134,685,743.461	[1] 2,784,201,416.79	12,835,418.93	7,423,204.74

Institutions	Gold coin	Silver coin [2]	Minor coin	Paper currency
Coinage mints:				
Philadelphia	$134,791,830.00	$237,488,436.24	$2,384,028.32	$356,150.00
San Francisco	311,072,670.00	85,512,293.19	1,105,460.00	19,000.00
Denver	251,597,052.50	54,552,054.00	359,683.00	389,877.00
Assay offices:				
New York	34,253,000.00	61,665,535.18		18,511,521.00
New Orleans		6,878,500.00		
Seattle		1,706.90		
Salt Lake City		25.00		
Total	731,714,552.50	446,098,550.51	3,849,171.32	19,276,548.00

Institutions	Minor coinage metals	Checking credit with United States Treasury	Reimbursable loss on recoinage	Total
Coinage mints:				
Philadelphia	$213,287.03	$85,604.88	$2,463.92	$826,615,393.85
San Francisco	32,412.66	56,238.22	8,381.48	1,064,501,308.47
Denver	74,275.89	54,738.77	31,342.22	448,524,270.48
Assay offices:				
New York		4,863.31		1,645,790,049.36
New Orleans		270.92		6,903,297.70
Carson City		125.72		9,995.39
Boise		283.73		11,033.04
Helena		66.96		5,592.47
Seattle		2,498.54		757,606.09
Salt Lake City		123.97		11,875.23
Total	319,975.58	204,815.02	42,187.62	3,993,130,422.08

LIABILITIES

Institutions	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Expense funds	Revenues	Total
Coinage mints:							
Philadelphia	$823,267,643.60	$260,000.00	$3,048,858.34		$33,990.57	$4,901.34	$826,615,393.85
San Francisco	1,064,271,898.85	70,000.00	8,381.48	$48,735.64	14,726.44	87,566.06	1,064,501,308.47
Denver	447,810,521.01	70,000.00	630,428.57		6,072.57	7,248.33	448,524,270.48
Assay offices:							
New York	1,645,784,966.65						1,645,790,049.36
New Orleans	6,903,026.78			219.40	4,863.31		6,903,297.70
Carson City	9,869.67				189.25	81.67	9,995.39
Boise	10,749.31				96.68	29.14	11,033.04
Helena	5,525.51				257.22	26.51	5,592.47
Seattle	753,400.65				49.18	17.78	757,606.09
Salt Lake City	11,726.26				2,171.81	2,033.63	11,875.23
Total	3,988,829,328.29	400,000.00	3,687,668.39	48,955.04	62,540.90	101,929.46	3,993,130,422.08

[1] Constitutes, principally, reserves against outstanding currency, and holdings for account of Federal reserve banks. More than similar figure reported by Treasurer by $564,469 due to differences in accounting interpretation.

[2] Includes unclassified cash: Philadelphia, $7,139.59; San Francisco, $4,895.99; New York, $535.18; Seattle, $1,706.90; Salt Lake City, $25.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal reserve banks	Bullion in Federal reserve banks	Coin in national banks, comptroller's report	Other coin [2]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670			3,818	30,000	105,007
1874	60,972	9,540			5,536	39,607	115,655
1875	45,382	8,259			3,711	31,696	89,048
1876	41,912	9,589			3,226	44,533	99,260
1877	76,662	10,962			5,306	39,059	131,989
1878	122,137	6,323			8,192	39,768	176,420
1879	129,920	5,317			21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000			98,105	46,844	302,739
1880	61,481	93,790			92,185	150,086	397,542
1881	84,640	88,726			101,115	210,776	485,257
1882	119,523	51,501			75,326	234,206	480,556
1883	152,608	65,667			73,447	228,297	520,019
1884	171,553	63,163			76,171	215,813	526,700
1885	75,435	72,938			96,742	313,346	558,461
1886	187,197	81,431			97,781	223,200	589,609
1887	182,619	123,145			99,162	245,146	650,072
1888	227,854	97,457			78,224	246,218	649,753
1889	246,402	67,266			84,416	235,435	633,519
1890	226,220	67,646			80,362	274,056	648,284
1891	196,634	83,576			91,890	253,765	625,865
1892	156,662	81,827			100,991	242,622	582,102
1893	73,624	84,632			151,234	281,940	591,430
1894	91,781	47,107			151,117	248,788	538,793
1895	83,187	29,444			147,308	242,645	502,584
1896	121,746	54,648			161,828	251,011	589,233
1897	152,488	45,279			187,609	252,419	637,795
1898	141,070	140,049			263,889	286,892	831,900
1899	257,306	143,078			203,701	293,388	897,473
1900	328,453	153,093			199,350	307,870	988,768
1901	417,343	125,736			190,172	318,389	1,049,640
1902	458,160	159,971			178,147	324,253	1,120,531
1903	478,970	209,437			170,547	332,731	1,191,685
1904	647,262	49,187			195,111	325,262	1,216,822
1905	662,154	101,184			196,681	327,549	1,287,568
1906	737,677	156,543			188,096	376,007	1,458,323
1907	788,468	162,937			203,289	457,995	1,612,689
1908	924,317	111,041			209,186	411,606	1,656,150
1909	934,803	97,347			213,991	392,508	1,638,649
1910	982,586	120,726			227,978	378,745	1,710,035
1911	1,001,413	183,089			235,185	379,941	1,799,628
1912	995,209	258,858			240,452	385,718	1,880,237
1913	987,678	303,585			232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450		118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928		120,396	520,251	2,842,804
1917	670,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,750
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,956	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488

[1] Previous to 1914 (year Federal reserve system established) figures are unrevised. Gold in the Treasury is principally held against outstanding currency and (since 1916) for the account of Federal reserve banks.
[2] Includes coin in State and private banks as well as coin in tills and the hands of the public.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900	$51, 870, 790	$5, 629, 436	$813, 929	$58, 314, 155
1901	44, 732, 679	4, 507, 540	2, 022, 053	51, 262, 272
1902	33, 775, 693	7, 465, 728	3, 908, 906	45, 150, 327
1903	32, 809, 430	1, 654, 052	4, 202, 030	38, 665, 512
1904	39, 314, 272	4, 627, 162	1, 826, 785	45, 768, 219
1905	42, 680, 190	6, 244, 301	1, 698, 489	50, 622, 980
1906	44, 034, 990	4, 210, 717	1, 325, 087	49, 570, 794
1907	42, 692, 769	3, 003, 325	5, 798, 577	51, 494, 671
1908	40, 030, 888	5, 811, 684	5, 206, 406	51, 048, 978
1909	44, 093, 497	7, 963, 217	4, 046, 639	56, 103, 353
1910	45, 270, 823	7, 495, 997	3, 434, 677	56, 201, 497
1911	51, 143, 245	9, 370, 356	4, 019, 825	64, 533, 426
1912	51, 388, 352	11, 413, 021	7, 959, 870	70, 761, 243
1913	41, 299. 073	12, 696, 925	7, 813, 558	61, 809, 556
1914	35, 421, 165	6, 142, 090	7, 626, 125	49, 189, 380
1915	38, 564, 526	8, 361, 692	2, 971, 471	49, 897, 689
1916	52, 210, 988	12, 019, 899	2, 742, 312	66, 973, 199
1917	27, 090, 143	50, 023, 842	2, 656, 203	79, 770, 188
1918	31, 322, 709	202, 503, 389	8, 601, 568	242, 427, 666
1919	14, 440, 703	181, 671, 933	14, 066, 084	210, 178, 720
1920	4, 902, 478	83, 438, 040	5, 970, 531	94, 311, 049
1921	11, 843, 103	29, 916, 641	2, 942, 981	44, 702, 725
1922	10, 682, 662	45, 097, 143	1, 001, 128	56, 780, 933
1923	6, 315, 293	62, 066, 275	681, 762	69, 063, 330
1924	23, 418 769	79, 593, 505	2, 064, 232	105, 076, 506
1925	8, 371, 476	79, 782, 973	6, 454, 557	94, 609, 006
1926	3, 799, 262	80, 853, 036	3, 891, 161	88, 543, 459
1927	2, 399, 847	54, 748, 487	2, 699, 776	59, 848, 110
1928	544, 052	80, 092, 220	4, 036, 456	84, 672, 728
1929	83, 562	60, 150, 728	2, 554, 128	62, 788, 418
1930	2, 053, 773	47, 320, 561	1, 521, 589	50, 895, 923
Total	878, 601, 202	1, 255, 875, 915	126, 558, 895	2, 261, 036, 012

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881	$12, 375, 612	$3, 898, 860	$3, 577, 729	$19, 852, 201
1882	18, 604, 945	1, 584, 318	7, 354, 255	27, 543, 518
1883	18, 040, 140	4, 212, 574	11, 189, 631	33, 442, 345
1884	26, 073, 909	5, 018, 714	8, 136, 097	39, 228, 720
1885	30, 913, 667	3, 160, 315	3, 108, 146	37, 182, 128
1886	21, 159, 591	1, 769, 425	2, 892, 064	25, 821, 080
1887	19, 798, 328	1, 427, 179	2, 766, 946	23, 992, 453
1888	21, 162, 116	1, 153, 002	3, 219, 321	25, 534, 439
1889	28, 392, 786	2, 731, 861	8, 181, 141	39, 305, 788
1890	35, 673, 177	1, 284, 498	4, 441, 197	41, 398, 872
1891	21, 717, 992	1, 177, 620	10, 754, 800	33, 650, 412
1892	35, 180, 897	719, 668	18, 622, 825	54, 523, 390
1893	34, 319, 877	11, 635, 650	7, 847, 295	53, 802, 822
1894	24, 391, 351	13, 279, 564	6, 002, 565	43, 673, 480
1895	17, 638, 610	8, 042, 003	3, 668, 772	29, 349, 385
1896	23, 874, 942	3, 602, 597	4, 025, 257	31, 502, 796
1897	28, 250, 305	2, 721, 522	3, 597, 331	34, 569, 158
1898	20, 984, 625	3, 721, 656	1, 971, 443	26, 677, 724
1899	25, 597, 912	6, 929, 117	1, 396, 223	33, 923, 252
1900	37, 916, 065	11, 252, 496	3, 922, 477	53, 091, 038
1901	36, 987, 395	4, 101, 764	3, 150, 630	44, 239, 789
1902	30, 987, 195	991, 793	5, 363, 710	37, 342, 698
1903	36, 125, 636	1, 508, 907	3, 999, 674	41, 634, 217
1904	46, 366, 153	2, 495, 502	385, 758	49, 247, 413
1905	36, 754, 830	4, 315, 841	186, 382	41, 257, 053
1906	73, 997, 060	2, 096, 002	8, 516	76, 101, 578
1907	51, 935, 064	2, 420, 354	3, 448, 645	57, 804, 063
1908	45, 133, 819	3, 608, 023	802, 413	49, 544, 255
1909	32, 477, 074	9, 538, 340	557, 701	42, 573, 115
1910	35, 090, 872	7, 100, 223	4, 380	42, 195, 475
1911	43, 131, 303	5, 208, 615	----------	48, 339, 918
1912	58, 181, 441	9, 329, 080	----------	67, 510, 521
1913	47, 793, 897	3, 674, 207	9, 295	51, 477, 399
1914	27, 554, 123	243, 325	1, 216	27, 798, 664
1915	18, 454, 444	24, 332	32, 435	18, 511, 211
1916–1918 [1]	----------	----------	----------	----------
1919	1, 546, 832	2, 766, 240	----------	4, 313, 072
1920	18, 662, 366	24, 727, 149	----------	43, 389, 515
1921	30, 756, 772	16, 789, 537	----------	47, 546, 309
1922	34, 480, 053	16, 457, 043	----------	50, 937, 096
1923	42, 617, 483	10, 115, 264	----------	52, 732, 747
1924	21, 651, 852	1, 791, 582	138, 744	23, 582, 178
1925	24, 391, 638	3, 945, 189	3, 261	28, 340, 088
1926	37, 277, 181	1, 736, 732	1, 325, 776	40, 339, 689
1927	23, 430, 762	694, 776	10, 504	24, 136, 342
1928	19, 756, 973	11, 262, 890	963, 718	31, 983, 581
1929	19, 215, 677	5, 648, 167	----------	24, 863, 844
1930	27, 487, 140	6, 634, 738	145, 854	34, 267, 732

[1] No information available.

year have shown an increase of £1,665,538, when compared with the return issued at the commencement of 1930.

A feature of the past year has been the entire absence, so far as London is concerned, of any movements of gold either to or from New York.

Owing to the heavy drain of gold from London during 1929, the reserves of the metal held by the central institution had become much reduced. The return issued on the 1st of January, 1930, showed that the stocks amounted to £145,960,084, representing a net efflux of £7,946,231 since the return to gold standard became effective in April, 1925.

In spite of a moderate demand in January from France and later in the month from Germany, the Bank of England was able to secure a part of the open-market gold, in addition to substantial amounts of sovereigns from South America, South Africa, and Australia, with the result that the reserves increased to slightly over £150,000,000 (the theoretical minimum laid down by the Cunliffe Committee), for the first time since July, 1929. Earmarking operations to the extent of rather more than £1,000,000, which were believed to be on account of the Argentine against the issue of notes in that country, took place towards the end of the month.

Although the depreciation of the franc in terms of sterling rendered unprofitable further shipments to that quarter, the weakening in the London-Berlin rate enabled Germany to continue to bid for and to secure the greater part of the weekly arrivals of gold throughout February, which were augmented by the sale of some £3,000,000 gold on account of Spain. The total amount received from this quarter at that time amounted to £4,000,000, of which £1,000,000 was secured by the Bank of England direct.

During March and April the adverse trend of certain foreign exchanges induced competition for the open-market gold, and in addition to a continued demand from Germany, purchases were also made for account of Switzerland and Belgium.

The importation of further substantial amounts of sovereigns, together with the release of £1,000,000 previously set aside, further increased the stocks of the metal in London, during this period, to slightly over £163,000,000, representing a net influx of rather more than £18,000,000 since the commencement of the year. This proved to be the highest point reached and it is interesting to note that the Bank of England simultaneously reduced the bank rate to 3 per cent, where it has remained ever since.

With the exception of two comparatively unimportant amounts, no withdrawals were made from the bank during the first four months of the year, the continental demand being supplied by purchases in the open market.

May witnessed a renewal of the French demand for gold, which was believed to be chiefly due to preparations for the issue of the French allotment of shares in the bank for international settlements. Owing to competition from Germany and Belgium, the requirements for Paris were largely satisfied by substantial withdrawals from the Bank of England.

Further quantities of sovereigns continued to arrive, but the increased continental demand encroached upon the reserves of the metal in London, which began to depreciate substantially.

With the cessation of the exports to Germany and Belgium during the early days of June, France was able to secure the greater part of the weekly arrivals for the remainder of the month and also during July. In addition, substantial amounts of gold were withdrawn from the Bank of England for shipment to Paris, to which center large consignments of the metal were also made from New York during the latter part of July.

In the middle of June a somewhat interesting position was created by the decision of the Bank of England to issue bar gold of the fineness of 0.9166 only instead of the customary bars assaying approximately 0.9950. Under the gold standard act of 1925 the central institution is under no obligation to sell gold of any specific fineness. As the stock of fine bars had become very much depleted and had been replaced to a large extent by the importation of sovereigns, it was decided to conserve the former and only to deliver bars manufactured from melted sovereigns. The Bank of France will not accept as good delivery gold of a lower fineness than 0.9950, and it was therefore necessary that all bars withdrawn from the Bank of England for that destination should be refined. The immediate result was the temporary alteration in the London-Paris gold export point commensurate with the cost of refining the bars in London.

The withdrawals from the bank for Paris from now onwards being limited to the refining capacity of the refiners, approximately £300,000 per day, had the effect of raising the price for the gold arriving from South Africa and elsewhere

for disposal in the open market, thus enabling producers to secure rates above the Bank of England statutory selling price of 84s. 11½d. per ounce fine, the highest price quoted being 85s. 2d. per ounce fine on December 2.

During August, September, and October, owing to a temporary improvement in the sterling rate in terms of the franc, only quite unimportant amounts were withdrawn for Paris from the central institution. France, however, continued to secure the greater part of the weekly arrivals from the Cape, moderate quantities of which were actually purchased by that quarter while still in transit, reducing to a corresponding extent the amounts offered for sale in the open market. This practice was continued throughout the remaining months of the year, when on several later occasions almost the entire shipment was disposed of in this manner before arrival.

The reserves of gold, which had become reduced approximately to £152,000,000 by the recent exports to the Continent, began once more to appreciate and by the beginning of November had reached just over £160,000,000, the receipt of large amounts of sovereigns being chiefly responsible for the improvement referred to.

With a weakening in the London-Paris exchange rate in November, France resumed the withdrawal of gold from the Bank of England in addition to the weekly purchases in the open market, which continued until the end of the year. During December, amounts were also purchased from the central institution for Germany. The result of this increase in the continental demand for gold was reflected in the depreciation once again of the reserves of the metal in London, which by the end of the year became reduced to £147,625,622. About £3,000,000 of gold from Brazil arrived in London during the latter part of the year, of which a part was secured by Paris.

In addition to the receipt of about £37,000,000 in gold coin during 1930, which was secured by the central institution, gold bullion to the unusually high total of approximately £49,000,000 arrived in London for disposal. Of the gold offered for sale in the open market, the Bank of England secured under £2,000,000 compared with some £18,000,000 in 1929, when chiefly by bidding above the statutory buying price it was able to obtain substantial amounts of the metal.

The total exports of gold bullion from London to France and Germany during 1930 were as follows:

France	£55, 279, 402
Germany	15, 857, 074

Of the above, France purchased about £20,000,000 from the open market and Germany £10,000,000.

* * * * * * *

SILVER

The chief feature of the silver market during the period under review is undoubtedly to be found in the further substantial decline in rates. Following upon a depreciation of approximately 5d. in the previous year, the fall during 1930 has further reduced the price of the metal by nearly 7d. to the level of 14 7/16d., the lowest point ever yet recorded. Whereas the fall in 1929 was comparatively gradual, the market during the past year was subject at times to violent fluctuations, which were especially pronounced during the first half of the year.

As in 1929, the highest and lowest quotations occurred in the first and last months of the year respectively, 21⅛d. per ounce standard being quoted on January 2, and 14d. per ounce standard on the 31st of December. This represents a range in prices of 7 3/16d., which is the widest recorded since the year 1926, as will be seen from the following table:

	1930	1929	1928	1927	1926	1925	1924
	d.	d.	d.	d.	d.	d.	d.
Highest quotation	21⅛	26 7/16	28 7/8	28	31 13/16	33 7/16	36 1/16
Lowest quotation	14 7/16	21 5/16	26 1/16	24 3/4	24 1/8	31 1/16	31½
Average quotation	17 13/16	24 7/16	26 3/4	26 15/32	28 11/16	32 1/8	34
Range in prices	7 3/16	5 1/8	2 13/16	3 1/4	7 13/16	2 3/8	4 9/16

In so far as the various movements in price are concerned, the past year can be divided into the following three periods: January to June, during which the rate

depreciated 6 3/16d.; July to November, when steadier conditions prevailed to the accompaniment of a moderate recovery; December, when fresh weakness set in, depressing the price to 14 7/16d., or 1d. lower than the reduced level previously reached in June.

In 1929, owing to the existence of a large Chinese bull position and the abnormal increase in stocks during certain times of the year, the cash price was only quoted at a premium on two occasions. In the past year, however, with the exception of two days in September and three in December, the rate for prompt silver has ruled either the same as, or at a premium over, forward throughout the year, with the latter predominating. This is explained by the fact that the lack of confidence in silver has induced both India and China to maintain an oversold position, which at times reached quite substantial proportions. Holders of silver, therefore, experienced little difficulty in obtaining a premium for immediate delivery when the adjustment or prolongation of these contracts took place.

At the end of 1929 the quotations were 21 7/16d. per ounce standard for cash and forward deliveries, with the opening price for 1930 1/16d. higher. During January the market experienced somewhat violent fluctuations, the rate falling sharply to 20 5/16d., recovering temporarily to 21 1/16d. when further weakness set in, resulting in a depreciation in price to 20d. These movements were almost entirely due to purchases or sales on a large scale by Chinese operators in this market, influenced by variations in the tael rate in Shanghai. Throughout the month India was a persistent buyer of silver for shipment to both Bombay and Calcutta, the seasonal demand being intensified by the increased number of marriages which were in course of celebration upcountry in order to forestall the alteration in the marriage laws due to become effective shortly. In addition, the possibility of a duty being levied upon silver imported into India, which was regarded more seriously by the bazaar dealers than in recent years, acted as a stimulant to the demand for immediate shipment from this quarter.

The effect of these purchases was to a great extent offset by forward sales made simultaneously and the continuation of selling on continental account chiefly as the result of the disposal of demonetized coins from Paris, which constituted an important market feature in 1929. The large demand for shipment purposes produced a premium on silver for cash delivery, which at one time amounted to ½d., representing the widest difference between the two quotations since the early part of 1924.

As a result of the depreciation in the price of silver the Finance Minister of the Chinese Government decided on January 15 that, from February 1, the customs duties upon imports from abroad should be collected on a gold basis, other duties and charges, however, being treated as before. The Haikwan tael was to be discontinued as the unit of calculation and a new gold unit used equivalent to 19.7265 pence sterling. This alteration in the existing method of procedure was rendered necessary to safeguard the Government finances, which were being adversely affected by the depreciation in the value of the customs receipts.

Rather more stable conditions existed throughout the first three weeks of February, with rates ruling at the level of about 20d. Shanghai operators dealt both ways, although to a less active extent. The Indian demand for shipment continued, but, as before, these operations were chiefly in the form of "budla." At this time important purchases of silver were made on account of Hong Kong, partly for minting into dollars in London and later in Bombay and partly in the form of ordinary forward contracts. America was a free seller, and the continental supplies were further augmented by the disposal of large quantities of French francs previously held in Switzerland, which realized some 9,000,000 ounces of silver.

The decision on the part of the Indian Government to levy an import duty on silver of 4 annas per fine ounce, or about 20 per cent at the rates ruling at that time, announced on February 28, induced pronounced weakness, in both India and China, to the accompaniment of heavy forward selling from both quarters, which, together with large offerings from America, caused a sharp decline in price to 18 3/16d., the quotation on March 4. The placing of a duty on silver imported into India engendered the fear that the Chinese authorities might decide to adopt a similar course, which tended to increase the general nervousness which was apparent in the market at that time. The fact that no move in this direction appeared to be made by China materially assisted a return of confidence, and from this point a gradual improvement took place, the lower level reached inducing the covering of bear sales by India and some repurchases

by Chinese operators, in addition to a continuation of the demand from Hong Kong. As the result, 20d. was again reached on March 20.

This improvement was, however, not entirely maintained, but prices remained steady at a slightly lower level throughout the remainder of the month and during April. Extremely quiet conditions prevailed in the silver market during this period, with business much restricted.

The forward purchases on Hong Kong account, which had been more or less continuous since the beginning of February, ceased during the early part of April, and by the end of the month the continental sales which had constituted an important factor in the market throughout had practically ceased. A moderate demand from India continued for shipment, but again almost entirely in the form of "budla."

During the first part of May rates ruled steady at the level of about 19½d. Although China was inclined to sell, purchases by the Indian bazaars proved sufficient to absorb the amounts on offer. On the 16th of May a report was received that the Chinese customs authorities had decided to prohibit the exportation of bar gold and the importation of foreign coins. The effect of this announcement was a weakening in the tael rate and an increase in the selling by China. After a slight check, sales became more pronounced and general, both India and America being free sellers. Advices received from China at this time indicated the existence of a completely demoralized market in Shanghai, the position being further aggravated by the political troubles in India. With moderate bear covering constituting the only form of support, a sharp break in prices took place to the level of 15 13/16d., the quotation on June 4.

The lower level reached induced covering operations on a larger scale and with a temporary cessation of selling, the price recovered sharply to 16⅞d. by June 10.

A resumption of selling by Chinese operators, together with increased offerings from America, induced by the improvement in price again depressed rates, until 15 15/16d. was reached on June 24. From this point, although comparatively minor fluctuations occurred, the rate recovered once more to 16 5/16d., the quotation on the 26th of July.

The decision in July on the part of the Bombay Bullion Exchange to boycott the London market as from the September settlement date at first caused a fair demand for shipment in order that the silver might arrive in Bombay before the boycott became effective, but later business with the bazaars was much restricted.

In the early part of August quotations again fell to slightly below 16d., but recovered to 16⅛d. by the 21st of August. The market at this time was entirely dominated by China, dealings from that quarter being responsible for the various movements which took place. During the latter part of the month the report that a large amount of silver had been sold by the Indian Government direct to China had the habitual effect of inducing speculative selling with a consequent depression in price to 16 3/16d., but from this point a steady recovery took place to the level of 17d. by the 18th of September. Although this improvement was not entirely maintained, prices ruled in the neighborhood of 16½d. throughout the remainder of the month and during October and November.

Quiet conditions existed throughout this period. Chinese operators dealt both ways to a limited extent, these transactions being chiefly influenced by the adjustment of speculative positions in Shanghai. October witnessed the revival of the demand from the Indian bazaars both for shipment and to cover existing sales, showing that the boycott of the London market by the Bombay Bullion Exchange was not being so strictly enforced. There was also a distinct improvement in the consumption of silver on continental account, which during the early part of the year had been largely satisfied by the sales of demonatized coins. With America a free seller whenever any improvement in price took place, little difficulty was experienced in meeting the demand without materially affecting the level of prices. The available supplies at this time were augmented by the disposal of some 3,000,000 ounces of Indian Government silver and certain sales as the result of shipments to London of Persian krans.

The comparatively steady tone in existence during the last two months had done much toward restoring confidence in the market on the basis of the lower level then ruling, but this improvement in sentiment was only temporary, as a further sharp break in prices took place during December. Following weak advices from Shanghai, partly attributable to the importation of large quantities of commodities, which was brought about by the decision to increase the import duties from January 1, 1931, China became a persistent seller in an unwilling market, with the result that the price was driven down to 14½d., the quotation

2,100 bars of silver, as compared with 85,500,000 taels of sycee, 126,000,000 dollars, and 7,620 bars of silver at the end of 1929.

India.—In spite of the disturbed political conditions which have existed in India throughout the greater part of the past year, shipments to that country have amounted to nearly 90,000,000 ounces, which actually shows an increase of some 15,000,000 ounces when compared with 1929, for which the depreciation in price is largely responsible.

Silver used in trade.—The consumption of silver for trade requirements, both at home and abroad, has been affected by the general world depression. In America and Canada alone the estimated amount of 30,000,000 ounces of silver utilized for this purpose during 1930 shows a reduction of 25 per cent when compared with 1929.

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NOTE.—British import and export figures may be found elsewhere in this volume.

Price of silver in London and in New York, calendar year 1930

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price		Average monthly New York price of fine bar silver per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average		At current rate of exchange	At par $4.8665 to the pound	
	Pence	*Pence*	*Pence*				
January	21⅝	20	20. 8481	$4. 8686	$0. 45723	$0. 45702	$0. 45331
February	20 5/16	19⅛	20. 0078	4. 8618	. 43800	. 43859	. 43505
March	20	18⅜	19. 2981	4. 8631	. 42274	. 42303	. 41959
April	19 13/16	19 3/16	19. 5543	4. 8631	. 42837	. 42865	. 42740
May	19 9/16	17 7/16	18. 8998	4. 8597	. 41371	. 41427	. 41036
June	17 15/16	15¼	16. 0495	4. 8587	. 35128	. 35183	. 34910
July	16 1/16	15 9/16	15. 9399	4. 8657	. 34936	. 34942	. 34656
August	16⅝	15⅞	16. 2825	4. 8707	. 35724	. 35693	. 35504
September	17	16 5/16	16. 7260	4. 8611	. 36650	. 36665	. 36632
October	16¾	16⅜	16. 5602	4. 8590	. 36230	. 36302	. 36158
November	16 13/16	16 1/16	16. 6276	4. 8564	. 36358	. 36450	. 36220
December	16¼	14 5/16	15. 2005	4. 8566	. 33262	. 33321	. 32945
Average			17. 6662	4. 8620	. 38690	. 38724	. 38466

Price of silver in London and in New York, fiscal year 1931

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price		Average monthly New York price of fine bar silver per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average		At current rate of exchange	At par $4.8665 to the pound	
1930	*Pence*	*Pence*	*Pence*				
July	16 3/16	15 9/16	15.9399	4.8657	$0.34936	$0.34942	$0.34656
August	16 1/8	15 5/8	16.2825	4.8707	.35724	.35693	.35504
September	17	16 1/16	16.7260	4.8611	.36650	.36665	.36432
October	16 3/4	16 3/16	16.5602	4.8590	.36230	.36302	.36158
November	16 13/16	16 5/16	16.6276	4.8564	.36358	.36450	.36220
December	16 1/4	14 7/16	15.2005	4.8566	.33252	.33321	.32945
1931							
January	14 1/2	13 3/16	13.7861	4.8547	.30147	.30221	.29736
February	13 1/4	12	12.4206	4.8584	.27175	.27252	.27085
March	14 1/2	12 5/8	13.5240	4.8583	.29596	.29647	.29504
April	13 1/2	12 3/8	13.2070	4.8599	.28717	.28760	.28589
May	13 1/4	12 1/8	12.8575	4.8640	.28232	.28185	.27962
June	13 3/16	12 1/16	12.7067	4.8649	.27845	.27854	.27562
Average				14.6532	4.8608	.32072	.32108	.31879

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1903	$0.62375	$0.47500	$0.54208
1875	1.26125	1.21000	1.23883	1904	.62500	.53375	.57843
1876	1.26000	1.03500	1.14950	1905	.66500	.55625	.61008
1877	1.26000	1.16000	1.19408	1906	.72375	.63125	.67379
1878	1.20750	1.08500	1.15429	1907	.71000	.52750	.65978
1879	1.16750	1.06500	1.12088	1908	.58875	.48250	.53496
1880	1.15000	1.11250	1.13931	1909	.54500	.50750	.52163
1881	1.14500	1.11000	1.12823	1910	.57625	.50750	.54245
1882	1.15000	1.09000	1.13855	1911	.57500	.52125	.54002
1883	1.11750	1.09500	1.10874	1912	.65625	.55250	.62006
1884	1.13250	1.08000	1.11161	1913	.65125	.58000	.61241
1885	1.09500	1.02750	1.06428	1914	.60875	.49000	.56331
1886	1.03500	.92500	.99880	1915	.58000	.47750	.51062
1887	1.03500	.95000	.97899	1916	.79125	.57250	.67151
1888	.97750	.92000	.94300	1917	1.16500	.73125	.84000
1889	.97250	.92500	.93634	1918	1.01937	.88937	.98445
1890	1.20500	.95750	1.05329	1919	1.38250	1.01375	1.12087
1891	1.07500	.94750	.99033	1920	1.37875	.60375	1.01940
1892	.95250	.83000	.87552	1921	.73813	.53188	.63096
1893	.85000	.65000	.78219	1922	.74188	.62875	.67934
1894	.70000	.59500	.64043	1923	.69000	.62875	.65239
1895	.69000	.60000	.66268	1924	.72375	.63000	.67111
1896	.70250	.65625	.68195	1925	.73187	.66812	.69406
1897	.66125	.52750	.60774	1926	.68937	.51812	.62428
1898	.62250	.55125	.59064	1927	.60312	.54187	.56680
1899	.64750	.58625	.60507	1928	.63937	.56812	.58488
1900	.65750	.59750	.62063	1929	.57812	.46812	.53306
1901	.64500	.54750	.59703	1930	.47187	.31062	.38466
1902	.56875	.47375	.52815				

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold coin, of an ounce 1,000 fine, taken at the average price and par of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 5/16	58 3/4	59 1/16	1.297	1882	52 3/16	50	51 1/16	1.13562
1834	60 1/4	59 3/4	59 15/16	1.313	1883	51 3/16	50 1/16	50 9/16	1.10874
1835	60	59 1/4	59 11/16	1.308	1884	51 3/8	49 1/2	50 1/16	1.11068
1836	60 3/4	59 1/8	60	1.315	1885	50	48 7/8	48 15/16	1.06510
1837	60 3/8	59	59 9/16	1.305	1886	47	42	45 1/8	.99467
1838	60 1/8	59 1/2	59 1/2	1.304	1887	47 1/8	43 1/4	44 1/16	.97946
1839	60 1/8	60	60 1/16	1.323	1888	44 9/16	41 3/8	42 7/8	.93974
1840	60 3/4	60 1/8	60 1/8	1.323	1889	44 3/8	41 13/16	42 5/16	.93511
1841	60 1/8	59 3/4	60 1/16	1.316	1890	54 1/8	43 3/8	47 3/4	1.04634
1842	60	59 1/4	59 7/16	1.303	1891	48 3/4	43 1/2	45 1/16	.98800
1843	59 5/8	59	59 1/16	1.297	1892	43 3/4	37 7/8	39 1/4	.87145
1844	59 3/4	59 1/4	59 1/2	1.304	1893	38 3/4	30 1/2	35 9/16	.78030
1845	59 7/8	58 7/8	59 1/4	1.298	1894	31 3/4	27	28 15/16	.63479
1846	60 1/16	59	59 5/16	1.300	1895	31 3/8	27 5/16	29 1/16	.65406
1847	60 3/8	58 7/8	59 11/16	1.308	1896	31 13/16	29 3/4	30 3/16	.67565
1848	60	58 1/2	59 1/2	1.304	1897	29 15/16	28 5/8	29 1/16	.64938
1849	60	59 1/2	59 3/4	1.309	1898	29 3/8	25	26 15/16	.59010
1850	61 1/2	59 1/2	60 1/16	1.316	1899	29	26 5/8	27 7/16	.60154
1851	61 5/8	60	61	1.337	1900	30 1/4	27	28 5/16	.62007
1852	61 7/8	59 7/8	60 1/2	1.326	1901	29 1/16	24 15/16	27 1/16	.59595
1853	61 7/8	60 1/8	61 1/2	1.348	1902	26 1/16	21 11/16	24 1/16	.52795
1854	61 5/8	60 1/8	61 1/8	1.348	1903	25 1/2	21 15/16	24 3/4	.54257
1855	61 5/8	60	61 5/16	1.344	1904	26 9/16	24 5/16	26 13/32	.57876
1856	62 1/4	60 1/2	61 5/16	1.344	1905	30 3/16	25 5/16	27 13/16	.61027
1857	62 1/4	61	61 3/4	1.353	1906	33 1/4	29	30 5/8	.67089
1858	61 7/8	60 3/4	61 5/16	1.344	1907	32 5/16	24 3/4	30 5/16	.66152
1859	62 3/4	61 3/4	62 5/16	1.360	1908	27	22	24 15/16	.53460
1860	62 5/8	61 1/4	61 11/16	1.352	1909	24 7/8	23 1/16	23 15/16	.52016
1861	61 5/8	60 3/8	60 31/32	1.333	1910	26 1/4	23 1/16	24 7/32	.54077
1862	62 1/16	61	61 7/16	1.346	1911	26 1/4	23 1/16	24 1/32	.53928
1863	61 3/4	61	61 3/8	1.345	1912	29 1/16	25 1/4	26 1/16	.61470
1864	62 1/2	60 3/4	61 3/8	1.345	1913	29 5/8	26 1/16	27 9/16	.60438
1865	61 3/4	60 1/2	61 1/16	1.338	1914	27 1/4	22 1/4	25 1/4	.55312
1866	62 1/4	60 3/4	61 1/16	1.339	1915	27 1/4	22 9/16	23 5/8	.53592
1867	61 3/4	60 3/4	60 15/16	1.326	1916	37 1/8	26 13/16	31 3/8	.68647
1868	61 3/8	60 1/4	60 1/2	1.326	1917	55	35 1/16	46 31/32	.89835
1869	61	60	60 5/16	1.325	1918	49 1/2	42 1/2	47 7/32	1.04171
1870	60 3/4	60 1/4	60 5/16	1.325	1919	79 1/8	47 3/4	57 1/32	1.25047
1871	61	60 1/16	60 1/2	1.326	1920	89 1/2	38 7/8	61 13/32	1.34649
1872	61 1/16	59 1/4	60 5/16	1.322	1921	43 3/4	30 1/2	36 7/32	.80232
1873	59 15/16	57 5/8	59 1/16	1.29769	1922	37 3/8	30 3/4	34 1/32	.76403
1874	59 1/2	57 1/4	58 5/16	1.27883	1923	36 1/16	30 1/2	31 15/16	.70028
1875	57 5/8	55 1/2	56 11/16	1.24233	1924	36 1/16	31 1/2	33 9/16	.74456
1876	58 1/4	48 3/4	52 3/4	1.16414	1925	33 7/16	31 7/16	32 5/16	.71046
1877	58 1/4	52 1/4	54 13/16	1.20189	1926	31 13/16	24 1/16	28 7/16	.62873
1878	55 1/4	49 1/2	52 13/16	1.15335	1927	28	24 3/4	26 1/16	.57070
1879	53 3/4	48 7/8	51 1/4	1.12322	1928	28 7/8	26 1/16	26 3/4	.58827
1880	52 13/16	51 1/2	52 1/4	1.14367	1929	26 7/16	21 3/16	24 15/32	.53631
1881	52 1/8	50 3/8	51 13/16	1.13229	1930	21 3/8	14 7/16	17 25/32	.38724

Average price of an ounce of gold in London and United States equivalent since 1870

Calendar year	Average London price per standard ounce to 1918, inclusive, and per fine ounce thereafter [1]			Equivalent in United States value of London price [2]—		Per cent premium of average price above Bank of England's minimum buying rate
				For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£	s.	d.			
1870	3	17	9.01	$18.9190	$20.6389	0.00107
1871	3	17	9.01	18.9190	20.6389	.00107
1872	3	17	9.24	18.9237	20.6440	.02572
1873	3	17	9.28	18.9245	20.6449	.03001
1874	3	17	9.00	18.9188	20.6387	----------
1875	3	17	9.23	18.9235	20.6438	.02465
1876	3	17	9.30	18.9249	20.6453	.03215
1877	3	17	9.42	18.9273	20.6480	.04502
1878	3	17	9.41	18.9271	20.6477	.04394
1879	3	17	9.11	18.9210	20.6411	.01179
1880	3	17	9.15	18.9218	20.6420	.01608
1881	3	17	9.35	18.9259	20.6464	.03751
1882	3	17	9.43	18.9275	20.6482	.04609
1883	3	17	9.18	18.9224	20.6426	.01929
1884	3	17	9.32	18.9253	20.6458	.03480
1885	3	17	9.17	18.9222	20.6424	.01822
1886	3	17	9.10	18.9208	20.6409	.01072
1887	3	17	9.01	18.9190	20.6389	.00107
1888	3	17	9.21	18.9231	20.6434	.02251
1889	3	17	9.04	18.9196	20.6396	.00429
1890	3	17	9.44	18.9277	20.6484	.04716
1891	3	17	10.29	18.9450	20.6673	.13826
1892	3	17	10.17	18.9425	20.6645	.12540
1893	3	17	10.57	18.9506	20.6734	.16827
1894	3	17	9.33	18.9255	20.6460	.03537
1895	3	17	9.03	18.9194	20.6393	.00322
1896	3	17	10.16	18.9423	20.6643	.12433
1897	3	17	11.23	18.9640	20.6880	.23901
1898	3	17	10.46	18.9484	20.6710	.15648
1899	3	17	9.27	18.9243	20.6447	.02894
1900	3	17	9.91	18.9373	20.6589	.09753
1901	3	17	9.83	18.9356	20.6570	.08896
1902	3	17	9.55	18.9300	20.6509	.05895
1903	3	17	10.06	18.9403	20.6621	.11361
1904	3	17	9.94	18.9379	20.6595	.10075
1905	3	17	9.42	18.9273	20.6480	.04502
1906	3	17	9.82	18.9354	20.6568	.08789
1907	3	17	9.95	18.9381	20.6597	.10182
1908	3	17	10.19	18.9429	20.6650	.12755
1909	3	17	9.18	18.9224	20.6426	.01929
1910	3	17	9.03	18.9194	20.6393	.00322
1911	3	17	9.00	18.9188	20.6387	----------
1912	3	17	9.00	18.9188	20.6387	----------
1913	3	17	9.00	18.9188	20.6387	----------
1914	3	17	9.04	18.9196	20.6396	.00429
1915	3	17	9.00	18.9188	20.6387	----------
1916	3	17	9.00	18.9188	20.6387	----------
1917	3	17	9.00	18.9188	20.6387	----------
1918	3	17	9.00	18.9188	20.6387	----------
1919	4	10	1.03	20.0937	21.9204	6.21033
1920	5	12	11.52	25.1958	27.4863	33.17875
1921	5	7	.50	23.8758	26.0463	26.20109
1922	4	13	3.80	20.8144	22.7066	10.01952
1923	4	10	2.90	20.1284	21.9583	6.39381
1924	4	13	8.3	20.8980	22.7978	10.46141
1925	4	5	5.6	19.0634	20.7964	.76410
1926	4	4	11.1	18.9426	20.6646	.12549
1927	4	4	11.2	18.9444	20.6667	.13561
1928	4	4	11.2	18.9444	20.6667	.13561
1929	4	4	11.35	18.9472	20.6697	.15020
1930	4	4	11.93	18.9579	20.6814	.20689
Mint price per standard ounce (0.916⅔)	3	17	10.50	18.9492	----------	.16077
Equivalent per fine ounce	4	4	11.45+	----------	20.6718	.16077
Bank rate per standard ounce (0.916⅔)	3	17	9.00	18.9188	----------	----------
Equivalent per fine ounce	4	4	9.82—	----------	20.6387	----------

[1] London quotations on gold were changed in September, 1919, from the standard ounce to a fine ounce basis.

[2] Conversions on basis of legal monetary parity; exchange not a factor.

Average commercial ratio of silver to gold each calendar year since 1687, with gold considered as of legal monetary value

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1728	15.11	1769	14.72	1810	15.77	1851	15.46	1892	23.72
1688	14.94	1729	14.92	1770	14.62	1811	15.53	1852	15.59	1893	26.49
1689	15.02	1730	14.81	1771	14.66	1812	16.11	1853	15.33	1894	32.56
1690	15.02	1731	14.94	1772	14.52	1813	16.25	1854	15.33	1895	31.60
1691	14.98	1732	15.09	1773	14.62	1814	15.04	1855	15.38	1896	30.59
1692	14.92	1733	15.18	1774	14.62	1815	15.26	1856	15.38	1897	34.20
1693	14.83	1734	15.39	1775	14.72	1816	15.28	1857	15.27	1898	35.03
1694	14.87	1735	15.41	1776	14.55	1817	15.11	1858	15.38	1899	34.36
1695	15.02	1736	15.18	1777	14.54	1818	15.35	1859	15.19	1900	33.33
1696	15.00	1737	15.02	1778	14.68	1819	15.33	1860	15.29	1901	34.68
1697	15.20	1738	14.91	1779	14.80	1820	15.62	1861	15.50	1902	39.15
1698	15.07	1739	14.91	1780	14.72	1821	15.95	1862	15.35	1903	38.10
1699	14.94	1740	14.94	1781	14.78	1822	15.80	1863	15.37	1904	35.70
1700	14.81	1741	14.92	1782	14.42	1823	15.84	1864	15.37	1905	33.87
1701	15.07	1742	14.85	1783	14.48	1824	15.82	1865	15.44	1906	30.54
1702	15.52	1743	14.85	1784	14.70	1825	15.70	1866	15.43	1907	31.24
1703	15.17	1744	14.87	1785	14.92	1826	15.76	1867	15.57	1908	38.64
1704	15.22	1745	14.98	1786	14.96	1827	15.74	1868	15.59	1909	39.74
1705	15.11	1746	15.13	1787	14.92	1828	15.78	1869	15.60	1910	38.22
1706	15.27	1747	15.26	1788	14.65	1829	15.78	1870	15.57	1911	38.33
1707	15.44	1748	15.11	1789	14.75	1830	15.82	1871	15.57	1912	33.62
1708	15.41	1749	14.80	1790	15.04	1831	15.72	1872	15.63	1913	34.19
1709	15.31	1750	14.55	1791	15.03	1832	15.73	1873	15.93	1914	37.37
1710	15.22	1751	14.39	1792	15.17	1833	15.93	1874	16.16	1915	39.84
1711	15.29	1752	14.60	1793	15.00	1834	15.73	1875	16.64	1916	30.11
1712	15.31	1753	14.54	1794	15.37	1835	15.80	1876	17.75	1917	23.09
1713	15.24	1754	14.48	1795	15.55	1836	15.72	1877	17.20	1918	19.84
1714	15.13	1755	14.68	1796	15.65	1837	15.83	1878	17.92	1919	16.53
1715	15.11	1756	14.94	1797	15.41	1838	15.85	1879	18.39	1920	15.31
1716	15.09	1757	14.87	1798	15.59	1839	15.62	1880	18.05	1921	25.60
1717	15.13	1758	14.85	1799	15.74	1840	15.62	1881	18.25	1922	27.41
1718	15.11	1759	14.15	1800	15.68	1841	15.70	1882	18.20	1923	29.52
1719	15.09	1760	14.14	1801	15.46	1842	15.87	1883	18.64	1924	27.76
1720	15.04	1761	14.54	1802	15.26	1843	15.93	1884	18.61	1925	29.38
1721	15.05	1762	15.27	1803	15.41	1844	15.85	1885	19.41	1926	32.83
1722	15.17	1763	14.99	1804	15.41	1845	15.92	1886	20.78	1927	36.22
1723	15.20	1764	14.70	1805	15.79	1846	15.90	1887	21.10	1928	35.26
1724	15.11	1765	14.83	1806	15.52	1847	15.80	1888	22.00	1929	38.54
1725	15.11	1766	14.80	1807	15.43	1848	15.85	1889	22.10	1930	53.38
1726	15.16	1767	14.85	1808	16.08	1849	15.78	1890	19.75		
1727	15.24	1768	14.80	1809	15.96	1850	15.70	1891	20.92		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, and since from daily London quotations.

Ratio of Silver to Gold, as Affected by World War

During the period December, 1916, to June, 1920, it is probable that the world's basic silver price was that of New York rather than that of London. The normal relationship between the two prices—New York a fraction of a cent below the London quotation with exchange considered—did not prevail during this period, when the average monthly New York price varied between approximately 3 cents above and 6 cents below the London price. This period appears to have been initiated by enormous coinages to meet wartime needs, and large silver shipments from the United States to the Orient. Its close was coincident with the removal of the product of United States mines from the world market, purchases under the Pittman Act of April 23, 1918, having begun in June, 1920.

The ratio of silver to gold, based on the New York price, was for this period: Calendar year 1917, 24.85; 1918, 21; 1919, 18.44; 1920, 20.27.

With the partial release during the first half of 1919 of British governmental control of gold export, the London price of exportable gold advanced above its monetary par. The ratio of silver to this

gold, based on the average London price of both metals, follows: 1919, 17.53; 1920, 20.41; 1921, 32.34; 1922, 30.11; 1923, 31.35; 1924, 30.62.

Final release of British governmental control of gold export became effective April 28, 1925, when the Chancellor of the Exchequer of Great Britain announced that the restrictions authorized by the gold and silver (export control) act of 1920 on export of gold would be discontinued from that date. This had the effect of restoring the gold standard to the United Kingdom. The example of Great Britain was followed by Australia, New Zealand, Netherlands, and the Dutch East Indies, and on June 1 by South Africa. On April 29, 1925, the London quotation on gold dropped more than 1 shilling to 84s. 11d. per fine ounce, as compared with 84s. 11.45d., mint par.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1856	$1.039	1875	$0.96086	1894	$0.49097	1913	$0.46760
1838	1.008	1857	1.046	1876	.90039	1895	.50587	1914	.42780
1839	1.023	1858	1.039	1877	.92958	1896	.52257	1915	.40135
1840	1.023	1859	1.052	1878	.89222	1897	.46745	1916	.53094
1841	1.018	1860	1.045	1879	.86928	1898	.45640	1917	.69242
1842	1.007	1861	1.031	1880	.88564	1899	.46525	1918	.76142
1843	1.003	1862	1.041	1881	.87575	1900	.47958	1919	.86692
1844	1.008	1863	1.040	1882	.87833	1901	.46093	1920	.78844
1845	1.004	1864	1.040	1883	.85754	1902	.40835	1921	.48801
1846	1.005	1865	1.035	1884	.85904	1903	.41960	1922	.52543
1847	1.011	1866	1.036	1885	.82379	1904	.44763	1923	.50458
1848	1.008	1867	1.027	1886	.76931	1905	.47200	1924	.51906
1849	1.013	1868	1.025	1887	.75755	1906	.52353	1925	.53681
1850	1.018	1869	1.024	1888	.72683	1907	.51164	1926	.48284
1851	1.034	1870	1.027	1889	.72325	1908	.41371	1927	.43838
1852	1.025	1871	1.025	1890	.80927	1909	.40231	1928	.45237
1853	1.042	1872	1.022	1891	.76416	1910	.41825	1929	.41229
1854	1.042	1873	1.00368	1892	.67401	1911	.41709	1930	.29751
1855	1.039	1874	.98909	1893	.60351	1912	.47543		

Values of foreign moneys, October 1, 1931 [1]

Pursuant to section 522, Title IV, of the tariff act of 1930, reenacting section 25 of the act of August 27, 1894, as amended, the following estimates by the Director of the Mint of the values of foreign monetary units are hereby proclaimed to be the values of such units in terms of the money of account of the United States that are to be followed in estimating the value of all foreign merchandise exported to the United States during the quarter beginning October 1, 1931, expressed in any such foreign monetary units: *Provided, however*, That if no such value has been proclaimed, or if the value so proclaimed varies by five per centum or more from a value measured by the buying rate in the New York market at noon on the day of exportation, conversion shall be made at a value measured by such buying rate, as determined and certified by the Federal Reserve Bank of New York and published by the Secretary of the Treasury pursuant to the provisions of section 522, Title IV, of the tariff act of 1930.

A. W. MELLON,
Secretary of the Treasury.

[1] Department circular No. 1, published quarterly.

Values of foreign moneys

Country	Legal standard	Monetary unit		Value in terms of United States money	Remarks
Argentine Republic	Gold	Peso		$0.9648	Currency: Paper normally convertible at 44 per cent of face value.
Austria	do	Schilling		.1407	
Belgium	do	Belga		.1390	1 belga equals 5 Belgian paper francs.
Bolivia	do	Boliviano		.3650	13⅓ bolivianos equal 1 pound sterling.
Brazil	do	Milreis		.5462	Currency: Government paper convertible at 4.567 paper milreis to the gold milreis ($0.1196), by decree of May 23, 1928.
British Colonies in Australasia and Africa	do	Pound sterling		4.8665	
British Honduras	do	Dollar		1.0000	
Bulgaria	do	Lev		.0072	
Canada	do	Dollar		1.0000	
Chile	do	Peso		.1217	
China	Silver [1]	Haikwan Tael [2]		.3511	A unit of account, used only for customs purposes.
			Amoy	.3450	China's import duties are levied on a gold basis, the gold unit being defined as 60.1866 centigrams pure gold (equal 40 cents U. S.). China's export duties remain on a silver basis.
			Canton	.3440	
			Chefoo	.3300	
			Chin Kiang	.3370	
			Foochow	.3191	
			Hankow	.3228	
			Kiaochow	.3343	
			Nanking	.3414	
			Newchwang	.3236	
			Ningpo	.3317	
			Peiping	.3364	
			Shanghai	.3151	
			Swatow	.3187	
			Takow	.3472	
			Tientsin	.3343	
		Yuan		.2236	The Yuan silver dollar of 100 cents is the monetary unit minted by the Central Government of the Republic.
		Dollar	Hong Kong	.2269	
			British		
			Mexican	.2286	Old Mexican dollars only, issued prior to 1918.
Colombia	Gold	Peso		.9733	Currency: Government paper and silver.
Costa Rica	do	Colon		.4653	Law establishing conversion office fixes ratio 4 colons (nongold) = $1 U. S.
Cuba	do	Peso		1.0000	
Czechoslovakia	do	Krone		.0296	
Denmark	do	do		.2680	
Dominican Republic	do	Dollar		1.0000	United States money is principal circulating medium.
Ecuador	do	Sucre		.2000	
Egypt	do	Pound (100 piasters)		4.9431	
Estonia	do	Kroon		.2680	
Finland	do	Markka		.0252	
France	do	Franc		.0392	
Germany	do	Reichsmark		.2382	
Great Britain	do	Pound sterling		4.8665	Obligation to sell gold at legal monetary par suspended, effective Sept. 21, 1931.
Greece	do	Drachma		.0130	
Guatemala	do	Quetzal		1.0000	
Haiti	do	Gourde		.2000	Currency: National bank notes redeemable on demand in American dollars.
Honduras	do	Lempira		.5000	
Hungary	do	Pengö		.1749	
India (British)	do	Rupee		.3650	
Indo-China	do	Piaster		.3918	By decree of May 1, 1930.
Italy	do	Lira		.0526	
Japan	do	Yen		.4985	
Latvia	do	Lat		.1930	
Liberia	do	Dollar		1.0000	Currency: Depreciated silver token coins.
Lithuania	do	Litas		.1000	Currency: Notes of the Bank of Lithuania.

[1] Stated values are estimated market values, in gold, of silver content of units.
[2] A unit of value as here used; not a coin.

Values of foreign moneys—Continued

Country	Legal standard	Monetary unit	Value in terms of United States money	Remarks
Mexico	Gold	Peso	$0.4985	By law of July 25, 1931, gold has no legal tender status but it may be held as monetary reserve for use in foreign exchange operations.
Netherlands	do	Guilder (florin)	.4020	
Newfoundland	do	Dollar	1.0000	
Nicaragua	do	Cordoba	1.0000	
Norway	do	Krone	.2680	
Panama	do	Balboa	1.0000	
Paraguay	do	Peso (Argentine)	.9648	Currency: Depreciated Paraguayan paper currency.
Persia	do	Reyal	.2433	Gold standard established by law of Mar. 18, 1930. Old kran system still operating; foreign exchange controlled; kran=about 5.4 U. S. cents.
Peru	do	Sol	.2800	Established by decree of Apr. 18, 1931.
Philippine Islands	do	Peso	.5000	
Poland	do	Zloty	.1122	
Portugal	do	Escudo	.0442	By decree of June 6, 1931, effective July 1, 1931.
Rumania	do	Leu	.0060	
Russia	do	Ruble	.5146	Pre-war unit. (One Soviet chervonetz=10 gold rubles.)
Salvador	do	Colon	.5000	
Siam	do	Baht (Tical)	.4424	
Spain	do	Peseta	.1930	Valuation is for gold peseta; currency is notes of the Bank of Spain.
Straits Settlements	do	Dollar	.5678	
Sweden	do	Krona	.2680	
Switzerland	do	Franc	.1930	
Turkey	do	Piaster	.0440	(100 piasters equal to the Turkish £.)
Uruguay	do	Peso	1.0342	Currency: Inconvertible paper.
Venezuela	do	Bolivar	.1930	
Yugoslavia	do	Dinar	.0176	By law of May 11, 1931, effective June 28, 1931.

Quarterly changes in value of foreign moneys during 1931, in Department Circular No. 1

Country	Monetary unit	Value, 1931			
		Jan. 1	Apr. 1	July 1	Oct. 1
China	Silver tael, Haikwan (customs)	$0.4275	$0.3507	$0.3399	$0.3511
Do	Silver tael, Amoy	.4201	.3447	.3341	.3450
Do	Silver tael, Canton	.4189	.3437	.3331	.3440
Do	Silver tael, Chefoo	.4018	.3297	.3195	.3300
Do	Silver tael, Chinkiang	.4104	.3367	.3264	.3370
Do	Silver tael, Fuchau	.3886	.3189	.3090	.3191
Do	Silver tael, Hankow	.3931	.3225	.3126	.3228
Do	Silver tael, Kiaochow	.4071	.3340	.3238	.3343
Do	Silver tael, Nanking	.4158	.3411	.3306	.3414
Do	Silver tael, Niuchwang	.3940	.3233	.3133	.3236
Do	Silver tael, Ningpo	.4040	.3314	.3212	.3317
Do	Silver tael, Peiping	.4096	.3361	.3257	.3364
Do	Silver tael, Shanghai	.3838	.3149	.3052	.3151
Do	Silver tael, Swatow	.3881	.3184	.3086	.3187
Do	Silver tael, Tsingtau	.4228	.3469	.3362	.3472
Do	Silver tael, Tientsin	.4071	.3340	.3238	.3343
Do	Silver dollar (Yuan)	.2723	.2234	.2165	.2236
Do	Silver dollar, Hong Kong	.2763	.2267	.2197	.2269
Do	Silver dollar, British				
Do	Silver dollar, Mexican	.2784	.2284	.2214	.2286
Peru	Gold, sol	.4000	.4000	.4000	.2800
Portugal	Gold, escudo	1.0805	1.0805	.0442	.0442
Yugoslavia	Gold, dinar	.1930	.1930	.0176	.0176

The statistics of foreign countries on production, import, export, and coinage of gold and silver, and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the Governments of such countries by the representatives of the United States accredited to them.

A list of interrogatories covering the points on which information is sought is sent yearly to the United States ambassadors and ministers through the Department of State, and the replies in the form of reports, are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission and the available data for the calendar year under review are usually incomplete.

In the absence of official returns from foreign countries the most reliable data available are used in compiling world statistics. Where data other than from the interrogatory replies are published the source of the information is stated. Conversions of foreign moneys or values into United States equivalents have been made at the legal par rates unless otherwise stated (in the text).

Revised world tables for 1929 and tables for 1930, subject to revision, are printed at the end of this volume. Detailed data, arranged by continents and countries, follow herewith; they form the basis of the tables.

NORTH AMERICA

CANADA

Domestic silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value
25 cents	961,174	$240.294
10 cents	1,827,071	182,707
Total	2,788,245	423,001

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was $401,865.

The amount of gold and silver, in the form of jewelry, dental scrap, etc., returned to monetary use during 1930 was as follows: Gold, 14,626 fine ounces, valued at $302,341; Silver, 4,351 fine ounces, valued at $1,682.

Production of gold and silver during 1930 [1]

Source of production	Gold		Silver	
	Quantity	Value	Quantity	Value
	Ounces, fine	*Dollars*	*Ounces, fine*	*Dollars*
From deep mines	[2] 1,878,830	38,838,862	[3] 13,415,575	5,118,579
From placer mining	42,608	880,786	9,587	3,658
From lead ore	16,292	336,785	10,701,471	4,083,039
From copper ore	[4] 169,343	3,500,630	[5] 2,309,302	881,091
Total	2,107,073	43,557,063	26,435,935	10,086,367

[1] Preliminary; subject to revision.
[2] Includes all gold from auriferous quartz mining and 86,757 fine ounces, recovered from silicious lead-bearing ore, in British Columbia.
[3] Includes silver recovered from cobalt-silver ore, gold quartz ore, and silicious lead-gold bearing ore of British Columbia.
[4] Includes gold recovered from nickel-copper ore.
[5] Includes silver recovered from nickel-copper ore.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Held abroad	In circulation	Total used for monetary purposes
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Gold coin	62, 115, 293			2, 135, 270	
Gold bullion	34, 096, 809				
Total gold	96, 212, 102			2, 135, 270	
Silver coin	412, 197			27, 945, 744	
Silver bullion	[1] 522, 774				
Total silver	934, 971				
Total gold and silver		[2] 61, 033, 474	[3] 36, 635, 999		
Government notes	778, 438, 547			[4] 175, 413, 997	175, 413, 997
Notes of bank of issue				148, 017, 056	148, 017, 056
Total notes				323, 431, 053	323, 431, 053

[1] 1,350,000 fine ounces, approximately valued.
[2] Includes $52,447,520 United States gold coin.
[3] Understood to be deposits or credits abroad.
[4] Includes $126,888,728 assets of chartered banks, and $18,950,000 in central gold reserves.

Imports into and exports from Canada of gold and silver during 1930

Countries	Imports			Exports				
	Gold		Silver bullion	Gold		Silver		
	Coin	Bullion		Coin	Ore	Coin	Bullion	Ore
Great Britain	$5, 236	$1, 294	$16, 065			$160		
United States	38, 353, 981	649, 910	583, 215	$18, 004, 410	$22, 304, 139	2, 371, 070	$1, 238, 698	$3, 388, 517
Alaska	448	39, 210				402		
France		2, 676	267				44, 200	
Germany			11, 087			46, 220		
Newfoundland	8, 754			500				
St. Pierre and Miquelon	600						2, 618, 000	
British India							246, 426	
Hong Kong								12, 823
Belgium					8, 466		2, 033, 088	
Chile								
Total	38, 369, 019	693, 090	610, 634	18, 004, 910	22, 312, 605	2, 417, 852	6, 180, 412	3, 401, 340

Gold assets of chartered banks on December 31, 1930

[From Canada Year Book, 1931, p. 908]

Current gold and subsidiary coin ($36,635,999 held abroad)	$84, 038, 609
Deposit in Central Gold Reserve (gold coin, $13,630,866, and Dominion notes, $18,950,000)	32, 580, 866

MEXICO

Domestic gold and silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Pesos	*U.S. Dollars*
Gold, 50 pesos	371, 600	18, 580, 000	9, 262, 130
Silver:			
20 centavos	1, 000, 000	200, 000	99, 700
10 centavos	2, 000, 000	200, 000	99, 700
Total silver	3, 000, 000	400, 000	199, 400

Gold and silver coin withdrawn from monetary use for recoinage during 1930

Items	Gold		Silver	
	Value in monetary unit named	Value in U. S. dollars	Value in monetary unit named	Value in U. S. dollars
Domestic coin, Mexican pesos	253,542	126,391	142	71
Foreign coin:				
German marks	111	26		
Argentinos	1	1		
Australian pounds	3	15		
Austrian francs	20	4		
Austro-Hungarian madyares	100	20		
Belgian francs	120	23		
Transvaal pound	1	5		
Colombian pesos	5	5		
Cuban pesos	63	63		
Cuban dollars	70	70		
Chilean pesos	25	7		
Spanish pesetas	4,245	819		
Spanish reals	1,920	96		
Spanish escudos	9½	22		
French francs	3,530	681		
Guatemalan quetzals	100	100		
Swiss francs	120	23		
Hungarian crowns	10	2		
English pounds	355	1,728		
Italian lira	321	62		
Peruvian pounds	4½	22		
Russian rubles	15	8		
Turkish pounds	2,160	9,504		
Turkish piasters	6			
Venezuelan bolivars	1	1		
Total foreign		13,307		

The estimated quantity of new gold and silver bullion used in the industrial arts during 1930 was as follows: Gold, 150 fine kilos (4,822 ounces), valued at 200,000 pesos ($99,700); silver, 1,500 fine kilos (48,225 ounces).

The total import of United States gold coin and bullion during 1930 was as follows: Coin, 111 fine kilos (3,569 ounces), valued at 148,330 pesos ($73,943); bullion, 674 fine kilos (21,669 ounces), valued at 898,946 pesos ($448,125).

The quantity of gold and silver produced from deep mines during 1930 was as follows: Gold, 20,855 fine kilos (670,488 ounces), valued at 27,806,518 pesos ($13,861,549); silver, 3,278,722 fine kilos (105,410,912 ounces), valued at 88,931,818 pesos ($44,332,511).

Approximate stock of gold and silver coin, also of bank notes, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home bank	Held abroad [1]	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Gold coin	226,329	35,947,000	29,583,000		
United States equivalent	$112,825	$17,919,579	$14,747,125		
Silver coin	7,218,124	46,298,000			
United States equivalent	$3,598,235	$23,079,553		220,000,000	220,000,000
Notes of banks of issue		1,080,000		$109,670,000	$109,670,000
				2,834,000	2,834,000

[1] Understood to be deposits or credits abroad.

Production of gold and silver from deep mines during 1929

Items	Quantity		Value	
	Kilos, fine	*Ounces, fine*	*Pesos*	*U. S. dollars*
Gold	20,367	654,799	27,156,424	13,537,477
Silver	3,386,359	108,871,442	121,796,915	60,715,762

Approximate stock of gold and silver coins, also of paper money, used for monetary purposes, on December 31, 1929

Character of stock	In home government treasuries	In home bank	Held abroad [1]	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Gold coin	4,959,476	44,717,000	18,507,000		
United States equivalent	$2,472,299	$22,291,424	$9,225,739		
Silver coin	13,817,490	33,272,000		220,000,000	220,000,000
United States equivalent	$6,888,019	$16,586,092		$109,670,000	$109,670,000
Notes of banks of issue		539,000		2,721,000	2,721,000

[1] Understood to be deposits or credits abroad.

Metallic stock and note circulation of the Bank of Mexico on December, 31, 1930

[From consolidated statement of the Bank of Mexico]

Character of stock	Pesos	U. S. dollars
Gold	8,887,119	4,430,229
Silver	11,819,704	5,892,122
Gold and silver bullion	5,941,518	2,961,847
Note circulation	2,833,455	

BRITISH HONDURAS

The estimated quantity of gold used in the industrial arts during 1930 was $500.

The amount of government notes in circulation on December 31, 1930, was $482,518.[1]

COSTA RICA

The estimated quantity of gold, in the form of old jewelry, plate, etc., used in the industrial arts during 1930 was $2,000.

The quantity of gold produced from deep mines during 1930 was $38,699.

Approximate stock of gold and silver coin and bank notes used for monetary purposes on December, 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation
	Colons	*Colons*	*Colons*
Gold coin		56,605	
United States equivalent [1]		$26,321	
Silver coin	625,000		
United States equivalent [2]	$156,250		
Notes of banks of issue		852,195	15,347,854

[1] Face value, $0.465 per colon.

[2] Face value, $0.25 per colon.

Exports of gold and silver during 1930

Countries	Gold		Silver coin
	Coin	Bullion	
United States	$2,000	$38,699	$5,200
Panama			8,700
Total	2,000	38,699	13,900

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1929

Character of stock		In home government treasuries	In home banks	In circulation
Gold bullion	Colons		54,510	
United States equivalent			$13,627	
Silver coin	Colons	625,000		
United States equivalent		$156,250		
Notes of banks of issue	Colons		692,869	17,572,076

CUBA

Gold and silver produced from copper ores during 1930: Gold, 263 fine ounces, valued at $5,264; silver, 272 fine ounces, valued at $113.

Approximate stock of gold and silver coin, also of United States bank notes, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
	Pesos or U.S. dollars	*Pesos or U.S. dollars*	*Pesos or U.S. dollars*	*Pesos or U.S. dollars*
Gold coin	3,925,000	2,650,456	17,211,294	23,786,750
Silver coin	2,982,500	1,946,395	3,484,245	8,413,140
United States bank notes	8,000	33,723,433	33,723,433	67,454,866

Exports of gold and silver during 1930

Countries	Gold		Silver bullion
	Coin	Bullion	
United States	*U. S. dollars* 1,650,000	*U. S. dollars* 64,662	*U. S. dollars* 234
Spain		4,000	300
Total	1,650,000	68,662	534

DOMINICAN REPUBLIC

Approximate stock of gold and silver coin and United States Government notes in home banks on December 31, 1930: Gold coin, $129,706; United States silver coin, $165,821; Dominican silver coin, $122,548; notes, $1,372,925.

Imports of gold and silver coin from United States during 1930: Gold, $250; silver, $24,000.

Exports of gold and silver coin to United States during 1930: Gold, $103,100; silver, $69,000.

GUATEMALA

Metallic stock and note circulation of the Central Bank on December 31, 1930

[From annual report of the bank]

	Quetzals or U. S. dollars
Gold coin	2, 673, 857
Subsidiary coin	309, 117
Notes:	
Central Bank	5, 445, 435
Old banks	1, 095, 262
Total notes	6, 540, 697

HAITI

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	U. S. dollars	U. S. dollars	U. S. dollars
Gold coin	156, 518		156, 518
Silver coin	13, 014		13, 014
United States Government notes	394, 981	[1] 800, 000	1, 194, 981
Notes of banks of issue	2, 025, 601	1, 681, 750	3, 707, 351
Total notes [2]	2, 420, 582	2, 481, 750	4, 902, 332

[1] Estimated. [2] Of which 1,940,500 is held as reserve.

Exports of silver coin to the United States during 1930, $9,564.

Note circulation on September 30, 1930

[From annual report of the financial adviser-general receiver for the year October, 1929–September, 1930]

National bank notes, 8,126,253 gourdes; United States bills, 4,000,000 gourdes (estimated).

HONDURAS

The amount of damaged and obsolete coins used for bullion in 1930 was $180.

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold			Silver		
	Quantity		Value	Quantity		Value
	Kilos, fine	Ounces, fine	U. S. dollar	Kilos, fine	Ounces, fine	U. S. dollar
New bullion	20	643	13, 250	50	1, 607	500
Domestic coin						200
Total	20	643	13, 250			700

The total import of United States gold coin during 1930 was $50,000.

The quantity of gold and silver produced from deep mines and exported to the United States during 1930 was as follows: Gold, 422 fine kilos (13,567 ounces), valued at $280,241; silver, 91,978 fine kilos (2,957,093 ounces), valued at $1,093,440.

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
Gold coin	$20,000		$20,000
Silver coin	750,000	$500,000	1,250,000
Notes of banks of issue		460,000	460,000

Premium on gold: Highest, 8 per cent; lowest, ½ per cent; average, 5 per cent. Legal rate, 2 pesos=$1 United States currency; commercial rate, 2.01—2.16 pesos =$1 United States currency.

Imports of gold coin from Salvador reexported in part to the United States during 1930, from $30,000 to $50,000.

Exports of gold and silver bullion to the United States during 1930: Gold, $280,241; silver, $1,093,440.

Laws Affecting the Currency

The following silver coins were established by decree No. 169 of March, 1930, and decree No. 114 of March 11, 1931:

Denomination	Fineness, thousandths	Weight, grams	United States equivalent
1 lempira	900	12.50	$0.50
50 centavos		6.25	.25
20 centavos			.10

NEWFOUNDLAND

The silver coinage executed in England for Newfoundland during 1930 consisted of 5, 10, 20, and 50 cent pieces, and amounted to $15,000.

The amount of Newfoundland bank notes in circulation on December 31, 1930, was $80,373.

Imports of silver coin during 1930: Returned Newfoundland currency, $47,103 from Canada and $4,300 from St. Pierre; new coin from England, $15,000.

NICARAGUA

Silver coinage executed at the Philadelphia Mint during 1930

Denominations	Pieces	Value
		Cordobas or U. S. dollars
25 centavos	20,000	5,000
10 centavos	150,000	15,000
Total	170,000	20,000

PANAMA

Domestic silver coinage executed at the Philadelphia Mint for Panama during the year ended December 31, 1930

Denomination	Pieces	Value
		Balboas or U. S. dollars
0.10 balboas	500,000	50,000
0.25 balboas	400,000	100,000
0.50 balboas	300,000	150,000
Total	1,200,000	300,000

Practically all silver coins of a previous issue disappeared when the price of silver was high during the World War. However, silver coins of this previous issue with a face value of $136,000 and a fine silver content of 194,685 ounces (troy) were in the hands of the Government. These coins were melted and the silver therein used in the new issue of silver coins.

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold	Silver
Dentists' material	$1,200	$2,000
Old jewelry, plate, etc	2,000	
Foreign coin	2,000	
Total	5,200	2,000

United States gold and silver coins and currency circulate freely and are legal tender in Panama. The fact that the Panama Canal uses United States coins and currency and that American tourists and travelers make purchases with United States coins and currency make it unnecessary to import coins and currency into Panama.

The total amount of silver coin used for monetary purposes on December 31, 1930, was $300,000.

Laws Affecting the Currency

According to law No. 73, of December 19, 1930, the silver coins of Panama must be of the same value and size as the corresponding United States coins; the silver balboa shall weigh 26.73 grams and be equivalent to the gold balboa described in article 324 of the Fiscal Code; article 2 of law No. 62 of 1917 and articles 327 and 328 of the Fiscal Code are repealed.

SALVADOR

Note circulation and gold reserve on December 31, 1929 and 1930

[From Memoria de Hacienda, Crédito Público, Industria y Comercio, 1930, p. 15]

Items	1929	1930
	Colones	*Colones*
Gold reserve	9,967,382	6,403,172
United States equivalent	$4,983,691	$3,201,586
Note circulation	14,509,611	10,716,061

VIRGIN ISLANDS

Amount of gold and silver coin withdrawn from monetary use for industrial purposes during 1930: Domestic silver coin, 800 West Indian dollars ($772); domestic gold coin, 800 West Indian dollars ($772); French gold coin, 200 West Indian dollars ($193); United States gold coin, 200 West Indian dollars ($193).

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold	Silver
	West Indian dollars	*West Indian dollars*
Old jewelry, plate, etc	500	500
Domestic coin	500	250
Foreign coin	200	
Total	1,200	750
United States equivalent [1]	$1,158	$724

[1] Conversion rate, 1 West Indian dollar=$0.9648.

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	West Indian dollars	*West Indian dollars*	*West Indian dollars*
Gold coin	84,303	2,000	86,303
United States equivalent	$81,335	$1,930	$83,265
Silver coin	46,260	22,000	68,260
United States equivalent	$44,632	$21,226	$65,858
Notes of banks of issue	[1] 308,133	191,867	500,000

[1] All held as active cash.

WEST INDIES—BRITISH

BARBADOS

The amount of worn domestic silver coin sent to England in May, 1930, for recoinage was £462 ($2,248).

The Government does not stock gold and silver nor does it issue notes. Its transactions are handled through its bankers, from whom it receives cash for over-counter business.

JAMAICA

Approximate stock of silver coin and paper money used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
Silver coin			£165,000	
United States equivalent			$802,972	
Government notes	£63,499		81,420	£144,919
Notes of banks of issue		£192,529	307,471	500,000
Total notes			388,891	644,919

Imports into and exports from Jamaica of silver during 1930

Countries	Imports, silver		Exports, silver coin
	Coin	Bullion	
Great Britain	£1,430	£528	
United States	550		£565
Total	1,980	528	565
United States equivalent	$9,636	$2,529	$2,750

TRINIDAD AND TOBAGO

Estimated quantity of gold and silver used in the industrial arts during 1929: British sovereigns and half-sovereigns, 2,000 Trinidad dollars ($2,027); United States gold coin, 20,000 Trinidad dollars ($20,276); Mexican silver dollars and Venezuelan silver coins, 50,000 Trinidad dollars ($50,690).

The total import of United States gold coin during 1929 was 13,142 Trinidad dollars ($13,323).

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1929

Character of stock	In home government treasuries	In home banks	In circulation
	Trinidad dollars	*Trinidad dollars*	*Trinidad dollars*
Gold coin	----------	5,632	10,000
United States equivalent [1]	----------	$5,710	$10,138
Silver coin	195,840	234,370	600,000
United States equivalent [1]	$198,543	$237,604	$608,280
Government notes	2,397,000	199,306	587,040
Notes of banks of issue	----------	1,452,695	1,478,470
Total notes	2,397,000	1,652,001	2,065,510

[1] Conversion rate, 1 Trinidad dollar=4s. 2d. ($1.0138). British gold is at par.

Imports into and exports from Trinidad of gold and silver during 1929

Countries	Imports		Exports		
	Gold coin	Silver coin	Gold		Silver coin
			Coin	Bullion	
	Trinidad dollars	*Trinidad dollars*	*Trinidad dollars*	*Trinidad dollars*	*Trinidad dollars*
Great Britain	240	12,000	----------	4,281	1,152
United States	13,142	33,043	----------	8,200	----------
British West Indies	----------	16,320	----------	----------	----------
Venezuela	----------	25,000	----------	----------	----------
British Guiana	----------	----------	800	----------	----------
Canada	----------	----------	----------	----------	960
Total	13,382	86,363	800	12,481	2,112
United States equivalent	$13,567	$87,555	$811	$12,653	$2,141

WEST INDIES—FRENCH

GUADELOUPE

[From Supplement Colonial de l'Economiste Européen, August 21, 1931]

Metallic stock and note circulation of the Bank of Guadeloupe on June 30, 1930: Metallic stock, 8,800,000 francs ($344,960); note circulation, 44,900,000 francs.

MARTINIQUE

[From Supplement Colonial de l'Economiste Européen, August 21, 1931]

Metallic stock and note circulation of the Bank of Martinique on June 30, 1930: Metallic stock, 12,400,000 francs ($486,080); note circulation, 47,600,000 francs.

WEST INDIES—NETHERLAND

Approximate stock of gold and silver coin and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
	Florins	*Florins*	*Florins*	*Florins*
Gold coin	----------	4,365,000	----------	----------
United States equivalent	----------	$1,753,926	----------	----------
Silver coin	----------	599,800	----------	----------
United States equivalent	----------	$241,120	----------	----------
Notes of banks of issue	256,000	1,884,000	3,354,955	5,495,955

There is no premium on gold.

By decree No. 22 of March 4, 1930, the prohibition on import of silver coin was rescinded.

SOUTH AMERICA

ARGENTINA

The total import of United States gold coin and bullion during 1930 was as follows: Coin, $50,000; bullion, 13.5 fine kilos (434 ounces), valued at 5,962 gold pesos ($5,752).

Stock of gold in home Government treasuries and in home banks December 31, 1930: 425,773,917 gold pesos ($410,786,675) and 9,621,920 gold pesos ($9,283,228), respectively.

Imports into and exports from Argentina of gold and silver during 1930

Countries	Imports			Exports, gold coin
	Gold		Silver bullion	
	Bullion	Leaf		
	Gold pesos	*Gold pesos*	*Gold pesos*	*Gold pesos*
Germany	350	32,720		
United States	5,962	440	26,416	21,007,654
France	280			
Great Britain	324	1,440		1,048,320
Italy		560	1,460	3,109,200
Total	6,916	35,160	27,876	25,165,174
United States equivalent	$6,673	$33,922	$26,895	$24,279,360

Gold stock and note circulation on December 31, 1930

[From economic review of the bank of the Argentine Nation, January, 1931]

Character of stock	Paper pesos	United States equivalent
Gold:		
Caja de conversion	967,700,000	$410,800,262
Bank of the Argentine Nation	2,900,000	1,231,085
Other banks	19,000,000	8,065,728
Total gold	989,600,000	420,097,075
Notes of the caja de conversion	1,260,700,000	

BOLIVIA

Estimated quantity of gold and silver used in industrial arts during 1930: Gold, 136 kilos (4,372 ounces); silver, 2,000 kilos (64,300 ounces).

Production of gold and silver during 1930: Gold (estimated), £70,000 ($340,655); silver, 220,563 fine kilos (7,091,100 ounces), valued at 5,752,688 bolivianos ($2,099,771).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Bolivianos	*Bolivianos*	*Bolivianos*
Gold coin	6,258,768		6,258,768
Gold bullion	120,686		120,686
Total gold	6,379,454		6,379,454
United States equivalent	$2,328,501		$2,328,501
Silver coin	66,808		66,808
United States equivalent	$24,385		$24,385
Notes of (3) banks of issue		32,227,266	32,227,266

The actual currency consists of notes, a small amount of fiduciary silver, and 5,800,000 bolivianos, issued in 10 and 5 centavo nickel coins.

Outstanding notes on December 31, 1929, of the Banco National de Bolivia and Banco Mercantile, 490,175 bolivianos.

Premium on gold in 1930: Highest, 13.52 bolivianos on sight sterling; lowest, 13.50; average, 13.507. (Par about 13⅓.)

Exports of gold coin and silver bullion during 1930

Countries	Gold coin	Silver bullion
	Bolivianos	*Bolivianos*
United States	[1] 7,460,040	3,175,746
Great Britian	----------	2,433,793
Germany	----------	93,295
Belgium	----------	49,854
Total	7,460,040	5,752,688
United States equivalent	$2,722,915	$2,099,731

[1] British gold sovereigns exported by the Central Bank of Bolivia to the Federal Reserve Bank of New York.

Metallic stock and note circulation of the Central Bank of Bolivia on December 31, 1930

[From monthly bulletin of the bank, December, 1930, to January, 1931]

Character of stock	Bolivianos	U.S. dollars
Gold bullion	120,686	44,050
Gold coin	2,658,392	970,313
Silver coin, Bolivia	39,941	14,578
Note circulation	31,794,887	----------

BRAZIL

The domestic silver coinage executed in home mints during the year ended December 31, 1930, consisted of 1,240,000 two-milreis pieces, having a face value of 2,480,000 milreis ($296,608).

The amount of domestic silver coins withdrawn from monetary use for recoinage during 1930 was 537,359 paper milreis ($64,268).

The estimated quantity of gold produced during 1930 is valued at $2,000,000.

Notes in circulation on December 31, 1930

	Paper milreis
Notes of National Treasury	1,951,575,172
Notes of Bank of Brazil	592,000,000
Notes (authorized by decree No. 19,372 of Oct. 17, 1930)	170,000,000
Notes of Caixa de Estabilizacão	130,131,280
Total	2,843,706,452

The actual currency consists of paper.

The average premium on gold in 1930 was 376.1.

Imports into and exports from Brazil of gold and silver during 1930

Countries	Imports		Exports	
	Gold bars, powder, sheets, etc.	Silver bars and sheets	Gold coin	Gold bullion
	Paper milreis	*Paper milreis*		
United States	10,792	28,376	£15,582,724	£898,862
Germany	29,727	40,626	20,000	
France	5,478	3,617		
Great Britain		33,600	4,750,734	5,396,667
Holland		91	2,000	
Uruguay		7,077		
Italy			224,800	
Total	45,997	113,387	20,580,258	6,295,529
United States equivalent	$5,501	$13,561	$100,153,826	$30,637,192

Gold reserve and note circulation of the Bank of Brazil on December 31, 1930

[From monthly bulletin of League of Nations, July, 1931]

Items	Paper milreis	U. S. dollars
Gold, stabilization office	129,000,000	15,428,400
Notes—		
State	1,972,000,000	
Bank	170,000,000	
Stabilization office	129,000,000	
Total notes	2,271,000,000	

[From Federal Reserve Bulletin, July, 1931, p. 394]

Gold at the stabilization office, end of 1931, $10,531,000.

Stabilization Office Abolished

[From U. S. Department of Commerce Foreign Financial News, March 25, 1931]

By decree No. 19,423 of November 22, 1930, the Chief of the Provisional Government of Brazil decreed that (1) in view of the virtual suspension of exchange or emission of notes of the stabilization office, that office should cease to exist and its functions should be transferred to the Bank of Brazil; (2) that the gold existing in the office should be transferred to London to the credit of the representative of the Brazilian National Treasury there, where it would be utilized only for making payment on Brazil's external debt. (Ambassador Edwin V. Morgan, Rio de Janeiro, December 29, 1930.)

CHILE

The domestic silver coinage executed in home mints during 1930 consisted of 480,000 one-peso pieces ($58,416).

The amount of gold and silver coins withdrawn from monetary use during 1930 was as follows: Domestic silver coin for recoinage, 480,000 pesos ($58,416); domestic gold coin for industrial purposes, 500,000 pesos ($60,650); Peruvian gold coin for industrial purposes, 40,000 pesos ($4,868).

Estimated quantity of gold and silver used in the industrial arts during 1930: Domestic gold coin, 500,000 pesos ($60,850); foreign gold coin, 40,000 pesos ($4,868); new silver bullion, 200,484 pesos ($24,399).

Production of gold and silver during 1930

Source of production	Gold		Silver	
	Quantity	Value	Quantity	Value
	Kilos, fine	*Pesos*	*Kilos, fine*	*Pesos*
From deep mines	18	98,690	467	4,107
From placer mining	28	155,579		
From dry or silicious ores	121	660,133	1,272	11,193
From lead ores	2	1,014	322	2,835
From copper ores	350	1,916,049	20,721	182,349
Total	519	2,825,465	22,782	200,484
United States equivalent	[1] 16,686	$343,859	[1] 732,441	$24,399

[1] Ounces, troy.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Held abroad [1]	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Gold coin		72,979,931	279,202,220	4,000,000	356,182,151
Gold bullion		204,376			204,376
Total gold		73,184,307	279,202,220	4,000,000	356,386,527
United States equivalent		$8,906,530	$33,978,910	$486,800	$43,372,240
Silver coin		6,577,072		12,478,824	19,055,896
Silver bullion	4,059,089				4,059,089
Total silver	4,059,089	6,577,072		12,478,824	23,114,985
United States equivalent	$493,991	$800,430		$1,518,673	$2,813,094
Government notes		56,024		12,114,122	12,170,146
Notes of bank of issue		63,687,576		242,149,654	305,837,230
Total notes		63,743,600		254,263,776	318,007,376

[1] Understood to be deposits or credits abroad.

Imports of silver during 1930: Coin from Germany, 310 pesos ($38); bullion from Germany, 36 pesos ($4); bullion from England, 6,310 pesos ($768).

Exports of gold bullion during 1930, 2,726,778 pesos ($331,849).

The amount of gold coin withdrawn from monetary use for industrial purposes during 1929 was as follows: Domestic, 1,000,000 Chilean pesos ($121,700); foreign (Peruvian), 15,000 Chilean pesos ($1,825).

Production of gold and silver during 1929

Source of production	Gold—value		Silver—value	
	Pesos	*U. S. dollars*	*Pesos*	*U. S. dollars*
From deep mines, From placer mining, From siliceous and lead ores	873,253	106,275	1,187,356	144,501
From copper ores	950,000	115,615	260,000	31,642
Total	1,823,253	221,890	1,447,356	176,143

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1929

Character of stock	In home banks	Held abroad [1]	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*
Gold coin	75, 229, 883	406, 462, 675	1, 000, 000	482, 692, 558
United States equivalent	$9, 155, 477	$49, 466, 507	$121, 700	$58, 743, 684
Silver coin	6, 755, 969		12, 299, 927	19, 055, 896
Silver bullion	4, 059, 089			4, 059, 089
Total silver	10, 815, 058		12, 299, 927	23, 114, 985
United States equivalent	$1, 316, 193		$1, 496, 901	$2, 813, 094
Government notes			14, 185, 701	14, 185, 701
Notes of banks of issue			351, 620, 450	351, 620, 450
Total notes			365, 806, 151	365, 806, 151

[1] Understood to be deposits or credits abroad.

Imports into and exports from Chile of gold and silver during 1929

Countries	Imports				Exports	
	Gold		Silver		Gold ore	Silver ore
	Coin	Bullion	Coin	Bullion		
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Germany	500	11, 850		1, 653	84, 111	746, 044
United States		15, 382		1, 246	963, 434	427, 769
Italy		124	1, 734			
Argentina		985				
Great Britain		1, 866			150, 000	263, 543
Switzerland		1, 000				
Peru	200, 000		263, 400			
Belgium			611			10, 000
France				37		
Total	200, 500	31, 207	265, 745	3, 936	1, 197, 545	1, 447, 356
United States equivalent	$24, 401	$3, 798	$32, 341	$479	$145, 741	$176, 143

Gold reserve and note circulation of the Central Bank at the close of 1930

[From fifth annual report of the Bank, December, 1930]

Items	Pesos	U. S. dollars
Gold	61, 586, 504	7, 495, 077
Silver and nickel	11, 148, 377	1, 356, 757
Note circulation	305, 837, 230	

COLOMBIA

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1929

Character of stock	In Bank of the Republic	In home banks	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*
Gold coin	15,645,000	2,218,000		17,863,000
Gold bullion	6,726,000			6,726,000
Total gold	22,371,000	2,218,000		24,589,000
United States equivalent	$21,773,694	$2,158,779		$23,932,473
Silver and nickel coin	686,000	584,000	10,831,000	12,101,000
United States equivalent	$662,817	$568,407	$10,541,812	$11,773,036
Government notes	258,000	333,000	7,340,000	7,931,000
Notes of banks of issue		3,618,000	35,456,000	39,074,000
Total notes	258,000	3,951,000	42,796,000	47,005,000

Gold stock and note circulation of the Bank of the Republic of Colombia on December 31, 1930

[From Revista del Banco de la Republica, February, 1931]

Character of stock	Pesos	U. S. dollars
Gold coin:		
Banco de la Republica	17,436,000	16,970,459
Private banks	2,003,000	1,949,520
Gold bullion:		
Banco de la Republica	45,000	43,798
Private banks	4,000	3,893
Total gold	19,488,000	18,967,670
Silver and nickel:		
In circulation	9,477,000	9,223,964
Banco de la Republica	1,488,000	1,448,270
Private banks	716,000	696,883
Total silver	11,681,000	11,369,117
Notes:		
Banco de la Republica	27,357,000	
National	7,931,000	
Treasury bonds	45,000	
Total notes	35,333,000	

ECUADOR

Domestic silver coinage executed at the Philadelphia mint for Ecuador during the year ended December 31, 1930

Denomination	Pieces	Value	
		Sucres	*U. S. dollars*
2 sucres	100,000	200,000	40,000
1 sucre	400,000	400,000	80,000
½ sucre	155,060	77,530	15,506
Total	655,060	677,530	135,506

The quantity of gold contained in the (cyanide) ore extracted during 1930 and exported to the United States is valued at $1,447,000.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Held abroad [1]	In circulation	Total used for monetary purposes
Gold coin	----------	$1,049,576	$5,200,352	$7,847	$6,257,775
Gold bullion	----------	6,521	----------	----------	6,521
Total gold	----------	1,056,097	5,200,352	7,847	6,264,296
Silver coin	$6,256	160,556	----------	862,671	1,029,483
Notes of banks of issue [2]	44,494	4,017,897	----------	3,887,241	7,949,632

[1] Understood to be deposits or credits abroad.
[2] Of which 16,508,555 sucres = $3,262,560 (at the rate of 5.06 sucres to the dollar) is held as reserve.

Premium on gold in 1930: Highest, 5.06 sucres to the dollar; lowest, 5.05 Legal rate, 5 sucres to the dollar; actual rate, 5.06.

Imports of silver coin from United States of America during 1930, $133,899.

Production of gold and silver during 1929 and 1930

[Exported product of one concern]

Year	Gold	Silver
	Fine ounces	*Fine ounces*
1929	66,364	93,079
1930	69,482	106,127

Gold reserve and note circulation of Central Bank on December 31, 1930

[From monthly bulletin of the bank, March, 1931]

Items	Sucres	U. S. dollars
Gold in vault	5,654,440	1,130,888
Silver, nickel	2,284,209	456,842
Note circulation	23,491,445	----------

GUIANA—BRITISH

The quantity of gold produced from placer mining during 1930 was 6,933 ounces.

Approximate stock of paper money on December 31, 1930: Government notes, 500,000 British Guiana dollars; notes of banks of issue, 844,460 British Guiana dollars.

Gold is at a discount—4.92 British Guiana dollars to 5 gold dollars.

Imports into and exports from British Guiana of gold and silver during 1930

Countries	Imports			Exports, gold	
	Gold bullion	Silver		Coin	Bullion
		Coin	Ore		
	British Guiana dollars	*British Guiana dollars*	*British Guiana dollars*	*British Guiana dollars*	*British Guiana dollars*
Venezuela	369	----------	----------	----------	----------
Brazil	50	----------	----------	----------	----------
Great Britain	----------	----------	----------	----------	89,255
United States	----------	----------	26	----------	----------
British West Indies	----------	----------	487	1,650	----------
Holland	----------	519	----------	----------	326
Total	419	519	513	1,650	89,581
United States equivalent	$425	$526	$520	$1,673	$90,817

GUIANA—DUTCH (SURINAM)

Production of gold in 1930

[Courtesy, U. S. Bureau of Mines]

Quantity:	
Kilos	148
Ounces	4,758
Value:	
Florins	203,034
United States dollars	81,620

GUIANA—FRENCH

The quantity of gold produced from placer mining during 1929 was 1,522 kilos (48,932 ounces), valued at 21,692,676 francs ($850,353).

Approximate stock of gold coin and paper money used for monetary purposes on June 30, 1930

Character of stock	In home banks	Held abroad [1]	In circulation	Total used for monetary purposes
	Francs	*Francs*	*Francs*	*Francs*
Gold coin	193,363	294,534		
United States equivalent	$7,580	$11,546		
Notes of banks of issue			11,120,115	11,120,115

[1] Understood to be deposits abroad.

Premium on gold in 1929: Highest, 14.25; lowest, 13.99.

Exports of gold bullion during 1929: To Switzerland, 6,917,801 francs ($271,178); to France, 14,774,875 francs ($579,175).

Gold reserve and note circulation of the Bank of Guiana on December 31, 1929, and on June 30, 1930

[From Supplement Colonial de l'Economiste Européen, Paris, Jan. 16, 1931]

Items	Dec. 31, 1929	June 30, 1930
	Francs	*Francs*
Gold in bank	2,379,642	2,379,642
United States equivalent	$93,282	$93,282
Gold deposited with the Bank of France	121,121	294,534
United States equivalent	$4,748	$11,547
Total gold	2,500,763	2,674,176
United States equivalent	$98,030	$104,828
Notes in circulation	11,271,725	11,120,115

PERU

Domestic gold and silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Peruvian pounds	*U. S. dollars*
Gold:			
Pound	1,050	1,050	5,110
½ pound	6,325	1,265	6,156
		Soles [1]	
50 soles	5,584	279,200	111,680
Total gold	12,959		122,946
Silver, sol	1,366,000	1,366,000	546,400

[1] Per law of Feb. 10, 1930, equivalent to 40 cents United States.

Gold and silver coin withdrawn from monetary use for recoinage during 1930: Domestic silver coin, 806,683 soles ($322,673); foreign gold coin, 8,888 soles ($3,555).

The amount of gold in the form of gold plate, jewelry, etc., returned from industry to monetary use during 1930 was 232 kilos (7,459 ounces), valued at 275,014 soles ($110,000).

Gold and silver produced during 1930: Gold, 2,801 kilos (90,052 ounces); silver, 482,126 kilos (15,500,351 ounces).

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	Held abroad	Total used for monetary purposes
	Soles	*Soles*	*Soles*
Gold coin	43,917,140	7,158,461	51,075,601
United States equivalent	$17,566,856	$2,863,384	$20,430,240
Silver coin			17,743,416
United States equivalent			$7,097,366
Notes of banks of issue			64,694,680

Premium on gold in 1930: Highest, 70 per cent; lowest, 60 per cent; average, 65 per cent.

Laws Affecting the Currency

Law No. 6746, of February 10, 1930, established a new monetary unit, the sol, containing 0.601853 grams of pure gold and hence equivalent to $0.40 United States currency.

Exports of gold and silver during 1929

Countries	Gold bullion	Silver		
		Bullion	Ore	Concentrate
	Peruvian pounds	*Peruvian pounds*	*Peruvian pounds*	*Peruvian pounds*
United States	121,347	3,309	19,730	266,320
Great Britain				188
Belgium				736
Germany				467
Total	121,347	3,309	19,730	267,911
United States equivalent	$590,535	$16,103	$96,016	$1,741,774

Domestic gold and silver coinage executed in home mints during 1929

(From British mint report for 1929)

Denomination	Pieces	Value	
		Pounds	*U. S. dollars*
Gold:			
1 pound	3,119	3,119	15,179
½ pound	11,394	2,279	11,090
Total gold	14,513	5,398	26,268
Silver: ½ sol	3,068,000	153,400	746,321

Gold reserve and note circulation of the Reserve Bank of Peru on December 31, 1930

[From annual report of the bank]

Items	Soles	U. S. dollars
Gold:		
Mobilized	9,063	3,625
Against notes	40,773,179	16,309,272
Against demand deposits	3,134,898	1,253,959
Total gold	43,917,140	17,566,856
Silver coin	17,743,416	7,097,366
Notes:		
Circular checks	5,504,050	
Bank notes	58,521,615	
Notes against mobilized gold	9,015	
Total notes	64,034,680	

URUGUAY

In the year 1930 there were coined at the Paris mint the following gold and silver coins in commemoration of the centennary of 1830, in accordance with the law of November 26, 1929: Gold, 100,000 5-peso pieces, having a face value of 500,000 pesos ($517,100); silver, 2,500,000 20-centesimo pieces, having a face value of 500,000 pesos ($517,100).

Approximate stock of gold and silver coin, also of Government notes, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Held abroad[1]	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Gold coin	58,447,854	39,445	1,059,201		59,546,500
United States equivalent	$60,446,771	$40,794	$1,095,426		$61,582,991
Silver coin	3,891,174			1,608,826	5,500,000
United states equivalent	$4,024,252			$1,663,848	$5,688,100
Government notes	[2]22,069,921	21,005,252		53,110,827	96,186,000

[1] Understood to be deposits or credits abroad.
[2] Held as reserves.

VENEZUELA

Gold and silver coinage executed at the Philadelphia Mint during 1930

Denominations	Pieces	Value	
		Bolivars	*U. S. dollars*
Gold, 10 bolivars	500,000	5,000,000	965,000
Silver, 2 bolivars	425,000	850,000	164,050

Exports of gold produced in 1930

[Courtesy U. S. Bureau of Mines]

Quantity:	
Kilos	1,827
Ounces	58,738
Value:	
Bolivars	5,992,198
United States dollars	1,156,494

Gold stock and note circulation of the Bank of Venezuela on December 31, 1929

[From Commerce Yearbook, 1930, vol. II, p. 601]

Items	Bolivars	U. S. dollars
Gold	61,777,000	11,922,961
Notes	43,200,000	

EUROPE

ALBANIA

Approximate stock of gold and silver, also of notes of banks of issue, used for monetary purposes on December 31, 1930

Character of stock	In National Bank of Albania	Held abroad	In circulation	Total used for monetary purposes
	Albanian francs	*Albanian francs*	*Albanian francs*	*Albanian francs*
Gold coin	646,000	435,000	968,000	2,049,000
Gold bullion		864,000		864,000
Total gold	646,000	1,299,000	968,000	2,913,000
United States equivalent	$124,678	$250,707	$186,824	$562,209
Silver coin	32,000			32,000
United States equivalent	$6,176			$6,176
Notes of banks of issue			12,925,000	12,925,000

There is no premium on gold, the Albanian franc being fully exchangeable with gold.

AUSTRIA

Domestic gold and silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Schillings	*U. S. dollars*
Gold:			
100 schillings	24,849	2,484,900	349,625
25 schillings	129,395	3,239,875	455,850
4 ducats	16,258	1,036,770	148,687
1 ducat	32,139	322,259	73,482
Total gold	202,841	7,303,804	1,027,644
Silver:			
2 schillings	500,000	1,000,000	140,700
Maria Theresa thaler [1]	2,313,700	4,788,202	673,700
Total silver	2,813,700	5,788,202	814,400

[1] Conversion rate, at the 1930 average price of silver in London, $0.38724 per fine ounce, gives 1 Maria Theresa thaler = 2.0695 schillings = $0.29119.

Amount of gold and silver coin withdrawn from monetary use for recoinage during 1930

Items	Gold		Silver	
	Value in unit named	Value in United States dollars	Value in unit named	Value in United States dollars
Domestic:				
Crowns	1,705,219	345,477	657,197	133,148
Ducats	93	213		
Florins			53,815	21,806
Schillings			119,451	16,807
Total domestic		345,690		171,761
Foreign:				
Marks (German)	1,400	333		
Pound sterling	81	394		
5-franc piece (French)			7,208,546	1,391,249
Total foreign		727		1,391,249

Quantity of gold and silver used in the industrial arts during 1930, as given in the returns of the bureau for stamping precious metal

Material used	Gold		Silver	
	Quantity	Value	Quantity	Value
Stamped:	*Kilos, fine*	*Schillings*	*Kilos, fine*	*Schillings*
New bullion	1,499	7,082,231	16,951	1,222,981
Old jewelry, plate, coin	555	2,619,458	2,991	215,767
Unstamped [1]	411	1,940,338	3,988	287,690
Total	2,465	11,642,027	23,930	1,726,138
United States equivalent	[2] 79,250	$1,638,033	[2] 769,349	$242,868

[1] Estimated. [2] Ounces, troy.

The amount of gold and silver in the form of old plate, jewelry, etc., returned from industry to monetary use during 1930 was as follows: Gold, 52 fine kilos (167,180 ounces), valued at 246,970 schillings ($34,749); silver, 123 fine kilos (3,954 ounces), valued at 8,853 schillings ($1,246).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on Dec. 31, 1930: Gold in national bank, 214,414,653 schillings ($30,168,142); silver coins in circulation, 78,782,239 schillings ($11,084,661); silver coin in banks, 6,789,068 schillings ($955,222); national bank notes, 1,090,070,467 schillings.

Imports into and exports from Austria of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
	Schill.	Schill.	Schill.	Schill.	Schill.	Schill.	Schill.	Schill.
Germany		7,095,000	810,000	3,093,000	74,000	37,000	107,000	17,000
Italy		29,000			67,000	370,000	144,000	
Poland					107,000	576,000	284,000	409,000
Rumania				329,000		5,000		
Switzerland	127,000	374,000	3,263,000				14,000	
Yugoslavia				10,000	476,000	19,000		1,000
Czechoslovakia	23,000				60,000	5,155,000	159,000	421,000
Hungary					698,000	2,788,000	515,000	263,000
Bulgaria			116,000	10,000				
Belgium						47,000		
France	95,000	353,000		20,000		5,000		
Great Britain		19,086,000		1,896,000	4,000			
Egypt		1,722,000						
Albania	2,000				45,000			
Greece								
Palestine	189,000			2,000				
Syria	15,000						80,000	
Canada					2,000			
Abyssinia								
Arabia							1,116,000	
Trieste							1,992,000	
Latvia							3,145,000	
Reimports	1,000						2,000	159,000
Total	452,000	28,660,000	4,189,000	5,360,000	1,533,000	9,002,000	7,508,000	1,300,000
United States equivalent	$63,596	$4,032,462	$589,392	$754,182	$215,693	$1,266,581	$1,056,376	$182,910

Production of silver in 1930

[Courtesy U. S. Bureau of Mines]

Quantity:	
Kilos	318
Ounces	10,224
Value:	
Schillings	39,694
United States dollars	5,585

Gold reserve and note circulation of the national bank on December 31, 1930

[From bank's balance sheet]

Items	Schillings	U. S. dollars
Gold	214,414,653	30,168,142
Subsidiary coin	2,736,995	385,095
Notes	1,090,070,467	

BELGIUM

The silver coinage executed in Belgium for Poland during the year ended December 31, 1930, consisted of 4,510,000 5-zloty pieces, having a face value of 22,550,000 zlotys ($2,531,120).

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 10,394,000 francs ($2,006,042).

The total import of United States gold bullion during 1930 was 7,660 francs ($213).

Production of gold and silver during 1930

Source of production	Gold		Silver	
	Kilos, fine	Ounces, fine	Kilos, fine	Ounces, fine
Domestic [1]	6,241	200,648	89,735	2,884,980
Colonies [2]	5,958	191,550		

[1] From imported ores.

[2] Largely alluvial.

Approximate stock of gold in national bank and note circulation on December 31, 1930: Gold, 1,354,545,000 belgas ($188,281,755); Government notes, 142,866,000 belgas; national bank notes, 3,163,556,000 belgas.

Although the Belgian gold coins have not been demonetized de facto, they no longer circulate, owing to the fact that their face value no longer corresponds to the legal intrinsic value resulting from the new basis established since the monetary stabilization of October 25, 1926.

Laws affecting the currency

The law of June 12, 1930, authorized the issue of subsidiary coins in the amount of 1,200,000,000 francs.

In execution of this law, the royal decree of June 27, 1930, authorized the coinage of 10 and 5 franc coins, made of pure nickel, and weighing 17½ and 14 grams, respectively.

Imports into and exports from Belgium of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold bullion	Silver		
	Coin	Bullion	Bullion	Ore		Coin	Bullion	Ore
	Francs	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*
Belgian Congo		110,489,238	500				5,230	
Germany		292,419	501,798	3,147	10,720,534		10,599,585	
Denmark		35,000			7,035			
United States		7,660	3,932				3,465	
France		1,111,911	45,549		1,680,824		5,244,386	
Italy			911		17,000		40,932	
Netherlands		5,885,499	29,039		157,393		7,663,912	
Great Britain	14,000	314,502	59,905		211,000		13,819,850	
Switzerland		500,320	9,943				80	
Morocco								750
New Zealand							32,880	
Poland						41,000,000		
Tunis					300		5,000	
Total	14,000	118,636,549	651,577	3,147	12,794,086	41,000,000	37,415,320	750
United States equivalent	$389	$3,298,096	$18,114	$87	$355,676	$1,139,800	$1,040,146	$21

Gold reserve and note circulation of the national bank on December 31, 1930

[From annual report of the bank]

Items	Francs	United States dollars
Gold	6,861,648,000	190,753,814
Note circulation	16,418,871,000	

New Coins in Belgium

[From Commerce Reports, January 13, 1930]

The coin commission has adopted a proposition of the mint to modify the composition of the 5, 10, and 25 centime coins, since those now used have a metallic content of greater value than the face value of the coins and consequently are melted down and disappear from circulation. The new coins will contain 10 per cent nickel and 90 per cent copper, whereas the present percentages are 25 and 75, respectively.

Imports into and exports from Denmark of gold and silver during 1930

Countries	Imports		Exports, silver	
	Gold bullion	Silver bullion	Coin	Bullion
	Kroner	*Kroner*	*Kroner*	*Kroner*
Germany	50,000	1,045,000	2,523,000	
Great Britain	55,000	557,000		
Sweden		4,000		3,000
Holland		529,000		
Norway				20,000
Finland				71,000
Estonia				8,000
Other countries				1,000
Total	105,000	2,135,000	2,523,000	103,000
United States equivalent	$28,140	$572,180	$676,164	$27,604

The amount of foreign (German) gold coin withdrawn from monetary use during 1929 for industrial purposes was 450,000 marks ($107,190).

The estimated quantity of gold and silver used in industry during 1929 was as follows: Gold, 400 fine kilos (12,860 ounces), valued at 9,091,680 kroner ($2,436,570); silver, 45,000 fine kilos (1,446,750 ounces), valued at 2,925,000 kroner ($783,900).

Metallic stock and note circulation of the Bank of Denmark on December 31, 1929

[From Interrogatory Replies]

Character of stock	Kroner	U. S. dollars
Gold coin	169,714,000	45,483,352
Gold bullion	2,558,170	685,590
Silver coin	3,930,460	1,053,363

[From bank's balance sheet]

Gold	172,403,857	46,204,234
Silver and minor coin	6,115,626	1,638,988
Note circulation	367,455,610	

Gold reserve and note circulation of the Bank of Denmark on December 31, 1930

[From Bulletin de Statistique, Paris, January 1931]

Character of stock	Kroner	U. S. dollars
Gold	172,000,000	46,096,000
Silver	5,400,000	1,447,200
Notes	360,200,000	

ESTONIA

The domestic silver coinage executed in home mints during the year ended December 31, 1930, consisted of 1,276,455 2-crown pieces, having a face value of 2,552,910 Estonian crowns ($684,180).

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 95 fine kilos (3,054 ounces); silver, 3,036 fine kilos (97,607 ounces).

Gold held abroad and in home banks, and bank note circulation on December 31, 1930: Gold, 6,558,380 Estonian crowns ($1,757,646); notes, 32,234,251 Estonian crowns.

Imports into and exports from Estonia of gold and silver during 1930

Countries	Imports					Exports, silver coin
	Gold		Silver			
	Coin	Leaf	Coin	Bullion	Leaf	
	Estonian crown	*Estonian crown*	*Estonian crown*	*Estonian crown*	*Estonian crown*	*Estonian crown*
Denmark	20		480	8,837	100	
Latvia				3,308		
Germany		43,806		52,919	1,779	
Switzerland		1,372				
Czechoslovakia		735				
England						13,161
Total	20	45,913	480	65,064	1,879	13,161
United States equivalent	$5	$12,305	$129	$17,437	$504	$3,527

Metallic stock and note circulation of the Bank of Estonia on December 31, 1930

[From bank's annual report]

Items	Estonian crowns	U. S. dollars
Gold	6,558,381	1,757,646
Subsidiary coin	1,731,406	464,017
Notes in circulation	32,234,251	

FINLAND

Estimated quantity of gold and silver used in the industrial arts during 1930: Gold, 430 fine kilos (13,824 ounces); silver, 12,600 fine kilos (405,090 ounces).

Approximate stock of gold and paper money used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Finnish marks	*Finnish marks*	*Finnish marks*
Gold coin	[1] 239,008,450	[2] 890,500	239,898,950
Gold bullion	62,236,293		62,236,293
Total gold	301,244,743	890,500	302,135,243
United States equivalent	$7,591,367	$22,441	$7,613,808
Notes of banks of issue		1,279,351,419	1,279,351,419

[1] Of which 14,209,500 Finnish marks were Finnish coin actually valid as legal currency, the remaining amount consisting of old Finnish and foreign gold coin.
[2] This amount, although withdrawn from the Bank of Finland, does not appear in actual circulation.

Imports of gold and silver during 1930

	Finnish marks
Gold:	
Unmanufactured and in grains	21,348,103
Wire and sheets	166,840
Articles not specially mentioned	2,215,681
Total gold	23,730,624
United States equivalent	$598,012
Silver:	
Unmanufactured and in grains	6,430,799
Not shaped, also sheets	150,282
Shaped, gilt	3,313
Articles not specially mentioned	4,807,380
Total silver	11,391,774
United States equivalent	$287,073

FRANCE

Metallic stock and note circulation of the Bank of France on January 2, 1931

[From weekly statement of the bank]

	Francs
Gold coin and bullion	53, 736, 958, 427
United States equivalent	$2, 105, 362, 675
Silver and minor coin	587, 600, 225
United States equivalent	$23, 033, 929
Notes in circulation	78, 937, 582, 475

Coinage

[From Bulletin de Statistique, Paris, February, 1931]

The domestic silver coinage executed in home mints during 1930 consisted of 36,986,163 10-franc pieces, having a face value of 369,861,630 francs ($14,498,570).

GERMANY

Domestic silver coinage executed in home mints during the year ended December 31 1930

Denomination	Pieces	Value	
		Reichsmarks	*U. S. dollars*
3 reichsmark	4, 300, 000	12, 900, 000	3, 072, 780
5 reichsmark	7, 487, 019	37, 435, 095	8, 917, 040
Total	11, 787, 019	50, 335, 095	11, 989, 820

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 894,649 reichsmarks ($213,105).

The amount of demonetized silver coin returned to the mints for recoinage by the Reichsbank during 1930 was 43,526 fine kilos (1,399,361 ounces).

The amount of gold delivered by the Reichsbank during 1930 for industrial purposes was 6,900,000 reichsmarks ($1,643,580).

Production of gold and silver during 1930: Gold, 189 fine kilos (6,076 ounces); silver, 170,620 fine kilos (5,485,433 ounces).

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In Reichsbank	Held abroad by Reichsbank	In circulation
	Reichsmarks	*Reichsmarks*	*Reichsmarks*
Gold coin	650, 546, 000	20, 000, 000	
Gold bullion	1, 343, 005, 000	202, 230, 000	
Total gold	1, 993, 551, 000	222, 230, 000	
United States equivalent	$474, 863, 848	$52, 935, 186	
Silver coin	129, 517, 000		835, 056, 000
Silver bullion	344, 000		
Total silver	129, 861, 000		835, 056, 000
United States equivalent	$30, 932, 890		$198, 916, 339
Reichsbank notes			4, 778, 259, 000
Private bank notes	3, 990, 000		182, 425, 000
Rentenbank notes	7, 356, 000		439, 130, 000
Total notes	11, 346, 000		5, 399, 814, 000

There was no premium on gold in 1930.

Imports into and exports from Germany of gold and silver during 1930

Countries	Imports						Exports			
	Gold			Silver			Gold		Silver	
	Bullion	Coin	Scrap and ore	Bullion	Coin	Scrap and ore	Bullion	Coin	Bullion	Coin
	Kilos	*Kilos*	*Kilos*	*Kilos*	*Kilos*	*Kilos*	*Kilos*	*Kilos*	*Kilos*	*Kilos*
Saar region	2	1		10	130	100			1, 154	683
Belgian	1, 260		11	19, 349	19	10, 400	88		23, 076	
Denmark	6	59	1		24, 407	17, 900	86		2, 314	183
Danzig	36	1	1	2, 159	477	200	25	39	6, 478	335
Poland		7, 000	4			21, 700	4	13	9, 599	53
Finland	3		69			15, 100	5		1, 004	
France	36, 760	461	1	42	54, 007	10, 900	164, 745	17		
Greece	1							4	80, 456	890
Great Britain	100, 830	2, 238	[1] 500	63, 124	79	[2] 13, 900		9	62, 680	42
Italy	251	1	13	1, 118	37	10, 200	1, 284	1	1, 937	20
Latvia	6		10			3, 100	9		304	
Lithuania	5	9	1	16	499	500	3		9, 067	883
Netherlands	555	56	55	3, 344	602	43, 400	19, 332		9, 345	
Norway	5		2				76		37, 702	9, 377
Austria	71	17	275		81	8, 700	1, 548		30, 526	130
Sweden	151	216	102			36, 700	97		59, 034	551
Switzerland	2, 185	196	122	1, 318	161	27, 900	401	16		11
Spain				2, 150	91, 676	53, 900			2, 903	68
Czechoslovakia	33		199		3	200	170		6, 414	136
Hungary	1	1		18	2, 971	18, 400				
Russia		22			161					9
Egypt	103			36						
British South Africa	12, 714	24				21, 400				
Canary Islands		1	1		21	1, 700				7
British India										
Dutch India	7									517
Palestine		2						1		8
United States	275	190		78, 474	19	2, 500			336	
Argentine		244	2			1, 100				9
Brazil			17			1, 900			35	
Chile			[3] 141	1, 182		800	1			
Colombia	34						1		10	8
Uruguay	5						1	2		12
Venezuela	1		4			100		1		21
Helgoland					7					9
Luxemburg					6					
Bulgaria				245						
Upper Silesia				16, 343						
Estonia						1, 500	6		1, 157	
Portugal				754	2, 146	91, 200				
British West Africa					85					
China						[4] 400				2
Japan					1					
Honduras				63						
Mexico				44, 562		[5] 17, 400				4
Peru						700				399
Iceland								18		
Rumania									13	24
Canada										
Total	155, 300	10, 739	1, 531	234, 307	177, 595	433, 900	187, 882	121	345, 544	14, 391
United States equivalent [6]	4, 992, 895	345, 259	49, 222	7, 532, 970	5, 709, 679	13, 949, 885	6, 040, 406	3, 890	11, 109, 240	462, 671

[1] Of which 497 kilos is ore.
[2] Of which 7,300 kilos is ore.
[3] Of which 131 kilos is ore.
[4] Ore.
[5] Of which 16,800 is ore.
[6] Ounces, troy.

Metallic stock and note circulation of the Reichsbank on December 31, 1930

From The Economist, London, Jan. 17, 1931]

Items	Reichsmark	U. S. dollars
Gold	2,215,781,000	527,799,034
Of which deposited abroad	222,230,000	52,935,186
Silver and other coin	136,868,000	32,601,958
Notes in circulation	4,778,259,000	

[From Bulletin de Statistique, Paris, January, 1931]

Gold in private banks, 65,900,000 reichsmark ($15,694,760).

GREAT BRITAIN

Silver domestic coinage executed at the Royal Mint, London, during the year ended December 31, 1930

Denomination	Pieces	Value	
		Pounds sterling	*U. S. dollars*
Crown	4,847	1,212	5,898
Half-crown	809,051	101,131	492,154
Florin	5,753,368	575,357	2,799,975
Shilling	3,137,092	156,855	763,335
Six-pence	16,990,289	424,757	2,067,080
Three-pence	1,319,412	16,493	80,263
Maundy:			
Fourpence	1,744	29	141
Threepence	1,948	24	117
Twopence	1,901	16	78
Penny	1,724	7	34
Total	28,021,576	1,275,881	6,209,075

Gold and silver coinage executed at the Royal Mint, London, for colonial and foreign governments during 1930

Denomination	Value	
For Hong Kong: Silver, British dollars	*Dollar* 10,401,032	*U. S. dollar* [1] 3,141,528
For Irish Free State:		
Silver—	*Pounds*	
Half-crown	44,000	214,126
Florin	33,000	160,594
Shilling	23,000	111,929
Total	100,000	486,649
For Egypt:		
Gold—	*Egyptian pounds*	
100 piasters	6,000	29,659
50 piasters	5,000	24,715
20 piasters	6,000	29,659
Total	17,000	84,033

Denomination	Value	
For Greece:		
Silver—	*Drachmas*	*U. S. dollars* [1]
20 drachmas	230,000,000	2,990,000
10 drachmas	75,000,000	975,000
Total	305,000,000	3,965,000
For Hedjaz:		
Silver—	*Reals*	
Reals	400,000	194,660
Half-reals	50,000	24,332
Quarter-reals	50,000	24,332
Total	500,000	243,324

[1] Conversion rate, 1 British dollar = $0.30204; 1 real = $0.4866, at the 1930 average price of silver in London, $0.38724 per fine ounce.

Silver coinage executed at the mint, Birmingham (Ltd.), for Travancore, during the year 1930

Denomination	Pieces	Value	
		Rupees	*U. S. dollars*
One-half rupee	100,000	50,000	18,250
One-fourth rupee	200,000	50,000	18,250
Fanam	700,000	87,500	31,937
Total	1,000,000	187,500	68,437

The amount of British gold coin (including light-weight coin) received in the Royal Mint, London, in 1930 for conversion into bullion was £33,426,000 ($162,667,629). The amount of foreign (Greek and other Latin Unions) silver coin received for recoinage was 665,489 fine ounces.

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
New metal	350,000	1,487,500	7,238,919	6,500,000	517,877	2,520,248
Old plate, etc	150,000	637,500	3,102,394	2,000,000	159,347	775,462
Total	500,000	2,125,000	10,341,313	8,500,000	677,224	3,295,710

The quantity of silver produced during 1930 was 1,274 fine kilos (40,959 ounces), valued at £3,018 ($14,687).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In Bank of England (issue department)	In other banks	Elsewhere	Total used for monetary purposes
Gold coin [1] and bullion	£147,626,000			
United States equivalent	$718,421,929			
Silver coin		[2] £14,495,517		[3] £49,000,000
United States equivalent		$70,542,433		$238,458,500
Bank of England notes	£38,824,000		£368,801,000	£407,625,000

[1] Gold coin held by banks (including Bank of England) in Great Britain and Ireland (including the Irish Free State) on June 30, 1929, amounted to £119,640,871.

[2] On June 30, 1929, in banks (excluding the silver coin held in the issue department of the Bank of England) of Great Britain and Ireland (including the Irish Free State).

[3] At the end of 1929, estimated total silver coin in circulation in Great Britain and Northern Ireland (including banks but excluding the amount held in the issue department of the Bank of England).

NOTE.—The Irish Free State has issued its own currency; British currency still circulates there largely, for the present. It has not been possible to exclude in the above figures bank holdings of coin in the Irish Free State.

Price of gold in 1930: Highest, 85s. 2d.; lowest, 84s. 10d.; average, 84s. 11.93d.

Imports of gold and silver into Great Britain and Northern Ireland during 1930

Countries	Gold				Silver		
	Bullion	Coin	Ore	Leaf	Bullion	Coin	Ore
Russia				£1,108			
Finland			£90				£90
Estonia						£380	
Latvia			21				8
Sweden			501				1 20
Norway			578				1, 624
Denmark and Faroe Islands			199				178
Poland and Danzig			40				
Germany		£1, 300	250	185, 908	£226, 331	8, 051	181
Netherlands		3, 904	1, 325		57, 125	620	1, 900
Netherland East Indies			2, 558		42, 210		15
Belgium	£941		998		65, 735	85, 077	347
France	291, 068	10, 982	24, 519		1, 005, 468	700, 271	7, 180
Algeria			282				8
Syria			90			1, 411	29
Switzerland			120	3, 000		194, 216	9
Portugal			424				32
Portugese East Africa			407				76
Spain	5, 000, 463	1, 003, 141	670				2, 071
Canary Islands		2, 631	77			460	20
Italy			5, 324	4		580	7, 131
Austria				150			
Czechoslovakia				150		51	
Greece			12			76, 535	53
Egypt			2, 334			21, 833	164
Arabia		60, 141					
China		178			88, 425		
United States		58, 203	60, 574	282	1, 347, 280		2, 739
Cuba			250				3
Mexico					2, 573, 767		
Columbia	263		72		1, 085		3
Panama						62	
Venezuela	75, 842		2, 632				
Peru			804			75	38, 995
Chile			243				11
Brazil	5, 283, 900	3, 859, 530	667				16
Uruguay		97, 743	320				5
Argentina		2, 579, 428	194				4
Irish Free State		68, 000	91			132, 400	65
Channel Islands						12, 200	
Gibraltar						9, 214	
Malta and Gozo						73	
Cyprus		300				20	
Gambia						414	
Sierra Leone	146					18, 203	
Gold Coast	1, 042, 679		288			39, 393	38
Nigeria	85					79, 698	
Union of South Africa	35, 688, 701	6, 130, 808	16, 633				4, 536
Southern Rhodesia	1, 067, 999		85, 922				338
Kenya	7, 857					443	
Nyasaland						3, 200	
Anglo-Egyptian Sudan	5, 286						
British India		200	2, 494		968, 424		679
Straits Settlements	324, 896	348					
Hong Kong		11, 215					
Australia	65, 255	23, 850, 933	7, 763		695	105, 262	1, 335
New Zealand	24, 807	1, 327	1, 535				102
Fiji Islands						20, 000	
Canada			5, 242		837, 346		435
British West Indies	3, 875	740				26, 763	
British Guiana	17, 784					20, 000	
Total	48, 911, 735	87, 747, 079	226, 857	190, 309	6, 944, 141	1, 574, 212	71, 938
United States equivalent	$238, 028, 908	$183, 696, 160	$1, 104, 000	$927, 550	$33, 793, 062	$7, 660, 908	$350, 088

Exports of gold and silver from Great Britain and Northern Ireland during 1930

Countries	Gold			Silver	
	Bullion	Coin	Leaf	Bullion	Coin
Russia				£98, 736	
Finland	£110, 000			405	
Latvia				840	£80, 000
Sweden				16, 010	
Norway	2, 133			19, 021	
Iceland	210			366	
Denmark and Faroe Islands	3, 847			36, 283	100
Poland and Danzig	115, 139	£100			
Germany	15, 862, 674	343, 810		179, 027	
Netherlands	62, 161	143, 360		195, 602	268
Belgium	1, 868, 666	230		1, 216	
France	55, 279, 402	263, 850		224, 526	
Algeria				1, 077	
Tunis	41	2, 201			
French Africa	16				
Syria				4, 932	
French India				900	
Switzerland	4, 763, 130	2, 000		121	
Portugal				21, 119	
Portuguese India				19, 986	
Spain	3, 829	327, 100		4, 003	
Italy	261, 790	2, 000			125
Libya	137				
Austria	552, 866	2, 000		39, 400	1, 000
Hungary	19, 475			710	
Yugoslavia	3, 435				
Greece					83, 600
Egypt	285	19, 000		81, 764	4, 946
Morocco		20, 000			
Arabia					31, 500
China				125, 234	
United States					820
Cuba			£16		
Chile			35	431	
Brazil			11	617	
Uruguay			33		
Argentina		10, 000	516	500	
Paraguay			2		
Irish Free State		799	146	116	31, 000
Channel Islands			1		3, 300
Gibraltar	100		3		
Sierra Leone			4		
Nigeria	2, 228			415	55
Union of South Africa		18	170		2, 482
Kenya	45, 570	300		80	
Anglo-Egyptian Sudan	100			1, 398	
Aden				985	
British India	1, 620, 378	60, 000	911	5, 501, 209	147, 027
Straits Settlement		11, 650	79	12, 289	
Federated Malay States			9	215	
Ceylon		11, 000	19	17, 467	
Hong Kong				495, 103	743, 012
Australia	463		163	1, 415	1, 702
New Zealand			88		110, 000
Canada			1, 012	2, 100	950
Bermudas					1, 500
British West Indies			9	526	4, 400
British Guiana			11		
Total	80, 578, 075	1, 219, 418	3, 238	7, 106, 144	1, 247, 787
United States equivalent	$392, 133, 202	$5, 934, 298	$15, 758	$34, 582, 050	$6, 072, 355

Metallic stock and note circulation of the Bank of England on December 31, 1930

[From the Statist, London, January 3, 1931]

Items	Pounds	U. S. dollars
Issue department:		
Notes in circulation	368, 801, 566	
Silver coin	4, 369, 416	21, 263, 763
Gold coin and bullion	147, 625, 622	718, 420, 089
Banking department, gold and silver coin	645, 749	3, 142, 537

Note circulation of Scotch and Irish banks on December 31, 1930

[From the Statist, London, May 23, 1931]

Scotch banks	£21, 405, 000
Irish banks	[1] 9, 358, 000

Gold and silver coin withdrawn during 1928 and 1929

[From British mint report for 1929]

Items	1928	1929
Gold	£245, 603	£342, 689
Silver (0.925 fine)	5, 467, 820	5, 365, 168

GREECE

Domestic silver coinage executed at the royal mint, London, during 1930

Denomination	Pieces	Value	
		Drachmas	U. S. dollars
20 drachmas	11, 500, 000	230, 000, 000	2, 990, 000
10 drachmas	7, 500, 000	75, 000, 000	975, 000
Total	19, 000, 000	305, 000, 000	3, 965, 000

Gold reserve and note circulation of the Bank of Greece Dec. 31, 1930

[From the Economist, London, March 21, 1931]

Items	Drachmas	U. S. dollars
Gold	[1] 510, 033, 050	6, 630, 430
Note circulation	4, 802, 907, 375	

[1] Including 371,700,000 drachmas held abroad (Monthly Bulletin of League of Nations, February, 1931).

Coins of Greece, per report of Acting Commercial Attaché R. B. Curren, to United States Commerce Department, March 4, 1931

Denomination	Composition	Weight
		Grams
20 drachmas	50 per cent silver, 40 per cent copper, 5 per cent nickel, 5 per cent zinc	11. 33
10 drachmas		7. 00
5 drachmas	99.1 nickel 0.9 per cent other	10. 00
2 drachmas	75 per cent copper, 25 per cent nickel	7. 50
1 drachma		5. 00
50 leptas	do	3. 00
20 leptas		1. 80
10 leptas	90 per cent aluminum, 9 per cent zinc, 1 per cent copper	1. 50

HUNGARY

The domestic silver coinage executed in home mints during the year ended December 31, 1930, consisted of 3,650,000 5-pengö pieces, having a face value of 18,250,000 pengö ($3,191,925).

[1] Of which £3,586,797 pertain to Northern Ireland, per London Economist supplement of May 9, 1931.

Silver coinage executed for Egypt during 1930

Denomination	Pieces	Value	
		£E	U. S. dollars
20 piasters	50,000	10,000	49,431
10 piasters	400,000	40,000	197,724
5 piasters	800,000	40,000	197,724
2 piasters	500,000	10,000	49,431
Total	1,750,000	100,000	494,310

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 8,283,918 pengö ($1,448,857).

The estimated quantity of new gold and silver bullion used in the industrial arts during 1930 was as follows: Gold, 1,006 fine kilos (32,343 ounces), valued at 3,815,246 pengö ($667,286); silver, 24,429 fine kilos (785,392 ounces), valued at 1,734,445 pengö ($303,354).

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
	Pengö	Pengö	Pengö	Pengö
Gold coin		51,616,031		51,616,031
Gold bullion		111,036,124		111,036,124
Total gold		162,652,155		162,652,155
United States equivalent		$28,447,862		$28,447,862
Silver coin	642,176	951,315	9,405,308	10,998,799
United States equivalent	$112,317	$166,385	$1,644,988	$1,923,690
Notes of banks of issue			469,149,852	

Imports into and exports from Hungary of gold and silver during 1930.

Countries	Imports				Exports		
	Gold		Silver		Gold coin	Silver	
	Coin	Bullion	Coin	Bullion		Coin	Bullion
	Pengö	Pengö	Pengö	Pengö	Pengö	Pengö	Pengö
Austria	1,893,600	1,138,360	405,750	139,316		2,997	3,592
Belgium			375			138	
Bulgaria			7,379,650				
Czechoslovakia			3,600				
France	92,910		160,425			69	
Germany	26,546	106,960	14,850	423,334		586	69,594
Great Britain	35,394	530,980		87,580			
Italy			2,175			34	
Netherlands	274,307		150			69	
Switzerland	3,720,878	282,680	12,375				
Jugoslavia			75			34	
Argentina						3,021	
Egypt						1,591,711	
Rumania					103,500	1,516	
Total	6,043,635	2,058,980	7,979,425	650,230	103,500	1,600,175	73,186
United States equivalent	$1,057,032	$360,116	$1,396,601	$113,725	$18,102	$279,871	$12,800

Metallic stock and note circulation of the national bank on December 31, 1930

[From Bank's balance sheet in Federal Reserve Bulletin, May, 1931, p. 270]

Items	Pengö	U.S. dollars
Gold	162,652,000	28,447,835
Token coin	10,139,000	1,773,311
Notes in circulation	469,150,000	

ICELAND

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 3 kilos (96 ounces), valued at 9,300 kronur ($2,492); silver, 400 kilos (12,860 ounces), valued at 23,000 kronur ($6,164).

Approximate stock of gold coin and bank notes used for monetary purposes, on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
	Kronur	*Kronur*	*Kronur*	*Kronur*
Gold coin		[1] 2,244,676		
United States equivalent		$601,573		
Notes of banks of issue	165,975	1,333,512	8,591,513	10,091,000

[1] Reserve stock for redemption of the notes, consisting of $404,110 United States gold coin and 735,190 Scandinavian crowns.

The premium on gold in 1930 was 22 per cent.

IRISH FREE STATE

Domestic silver coinage, executed at the royal mint, London, for the Irish Free State during the year ended December 31, 1930

Denomination	Pieces	Value	
		Pounds	*U.S. dollars*
Crowns	352,000	44,000	214,126
Florins	330,000	33,000	160,594
Shillings	460,000	23,000	111,929
Total	1,142,000	100,000	486,649

The amount of British silver coin heretofore circulating in the Irish Free State withdrawn from circulation during 1930 by the currency commission and held by it pending disposal to the British mint was £133,120 ($647,828).

Approximate stock of gold and silver coin, also of notes of bank of issue, used for monetary purpose on December 31, 1930.

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Pounds	*Pounds*	*Pounds*
Gold coin	53,600		53,600
United States equivalent	$260,844		$260,844
Silver coin	349,248	707,964	1,057,212
United States equivalent	$1,699,615	$3,445,307	$5,144,922
Notes of bank of issue	2,476,373	11,595,579	14,071,952

Import of silver from Great Britain during 1930: Coin, £22,948 ($111,676); bullion, £103 ($501).

Exports of gold and silver to Great Britain during 1930: Gold coin, £67,400 ($328,002); gold bullion, £8 ($39); silver coin, £111,404 ($542,148); silver bullion, £52 ($253).

Note Circulation.

[From Monthly Bulletin of League of Nations, February, 1931]

Note circulation on December 31, 1930, £14,300,000 (currency commission notes and old issues of bank notes).

ITALY

Approximate stock of gold and silver in home government treasuries [1] and of silver coin and paper money in circulation on December 31, 1929.

Character of stock	In home government treasuries	In circulation
	Lire	*Lire*
Gold coin	1,404,000	
Gold bullion	1,386,000	
Total gold	2,790,000	
United States equivalent	$146,228	
Silver coin	147,303,000	1,493,300,000
Silver bullion	3,663,000	
Total silver	150,966,000	1,493,300,000
United States equivalent	$7,940,812	$78,547,580
Government notes		80,000,000
Notes of bank of issue		16,774,337,000
Total notes		16,854,337,000

[1] Amounts in home banks stated to be unavailable.

Production of gold and silver in 1930

[Courtesy U. S. Bureau of Mines]

Items	Quantity		Value	
	Kilos	*Ounces*	*Lire*	*U. S. dollars*
Gold	53	1,704	676,910	35,627
Silver	19,632	631,169	4,205,980	221,367

Gold reserve and note circulation of the Bank of Italy on December 31, 1930.

[From bank's balance sheet in Federal Reserve Bulletin, June 1931, p. 320]

Items	Lire	U. S. dollars
Gold	5,296,775,000	278,610,000
Notes in circulation	15,680,458,000	

LATVIA

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 145 fine kilos (4,662 ounces), valued at 498,075 lats ($96,128); silver, 6,611 fine kilos (212,544 ounces), valued at 416,916 lats ($80,465).

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In home government treasury	Held abroad	In circulation	Total used for monetary purposes
	Lats	*Lats*	*Lats*	*Lats*
Gold coin	5, 299, 021			5, 299, 021
Gold bullion	166, 409	18, 606, 749		18, 773, 158
Total gold	5, 465, 430	18, 606, 749		24, 072, 179
United States equivalent	$1, 054, 828	$3, 591, 103		$4, 645, 931
Silver coin	7, 111, 175		22, 888, 440	29, 999, 615
United States equivalent	$1, 372, 457		$4, 417, 469	$5, 789, 926
Government notes	19, 666, 156		36, 786, 686	56, 452, 842
Notes of banks of issue	80, 370, 210		49, 629, 790	130, 000, 000
Total notes [1]	100, 036, 366		86, 416, 476	186, 452, 842

[1] Of which 12,130,000 lats in government notes and 75,000,000 lats in notes of banks of issue are held as reserve.

Imports of gold and silver during 1930

Countries	Gold		Silver	
	Coin	Bullion	Coin	Bullion
	Lats	*Lats*	*Lats*	*Lats*
Germany	2, 592	40, 626	17, 843	173, 673
England				24, 769
Poland			415	
Danzig			371	
Denmark			1, 117	
Sweden				1, 356
Lithuania			5, 700	
Netherlands			17	
Switzerland		11, 504		6, 998
Austria		379		120, 432
Estonia	23, 901			
Total	26, 493	52, 509	24, 963	330, 128
United States equivalent	$5, 113	$10, 134	$4, 818	$63, 715

Metallic stock, and note circulation of the Bank of Latvia as of January 1, 1931

[From the bank's balance sheet in Federal Reserve Bulletin, Aug. 1931, p. 463]

Items	Lats	U. S. dollars
Gold coin and bullion	[1] 24, 072, 000	4, 645, 896
Silver money, treasury notes, and small coin	19, 322, 000	3, 729, 146
Notes issued	49, 630, 000	

[1] Includes 7,873,000 lats abroad.

LITHUANIA

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	Held abroad	In circulation
	Litas	*Litas*	*Litas*
Gold bullion	393, 935	38, 991, 634	
United States equivalent	$39, 394	$3, 899, 163	
Silver coin	2, 920, 088		10, 579, 869
United States equivalent	$292, 009		$1, 057, 986
Notes of banks of issue			117, 163, 196

Imports of gold and silver bullion during 1930

Countries	Gold bullion	Silver bullion
	Litas	*Litas*
Germany	25,500	36,400
Czechoslovakia		100
Great Britain		600
Total	25,500	37,100
United States equivalent	$2,550	$3,710

MALTA (AND GOZO)

Approximate stock of British silver coin (including bronze coin) and British Government currency notes in circulation on December 31, 1930: Coin, £35,000 ($170,327); notes, £650,000.

Exports of gold and silver coin during 1930: Gold coin to Palestine, £550 ($2,677); silver coin to Great Britain, £200 ($973).

NETHERLANDS

Domestic silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Florins	*U. S. dollars*
For Netherlands:			
2½ florins	7,200,000	18,000,000	7,236,000
1 florin	12,500,000	12,500,000	5,025,000
⅒ florin	5,000,000	500,000	201,000
Total	24,700,000	31,000,000	12,462,000
For Netherland East Indies:			
2½ florins	5,600,000	14,000,000	5,628,000
1 florin	1,000,000	1,000,000	402,000
½ florin	18,500,000	9,250,000	3,718,500
¼ florin	7,000,000	1,750,000	703,500
⅒ florin	15,000,000	1,500,000	603,000
Total	47,100,000	27,500,000	11,055,000

The amount of domestic silver coin withdrawn from monetary use for industrial purposes during 1930 was as follows: Netherlands, coin, 19,141,884 florins ($7,695,037); Netherlands East Indies, coin, 26,280,116 florins ($10,564,607).

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In home government treasury	In home banks	In circulation	Total used for monetary purposes
	Florin	*Florin*	*Florin*	*Florin*
Gold coin		64,628,460		64,628,460
Gold bullion		361,493,960		361,493,960
Total gold		426,122,420		426,122,420
United States equivalent		$171,301,213		$171,301,213
Silver coin	9,305,715	23,278,250	112,968,000	145,551,965
United States equivalent	$3,740,897	$9,357,857	$45,413,136	$58,511,890
Government notes		544,641	3,624,108	4,168,749
Notes of bank of issue			842,973,850	842,973,850
Total notes		544,641	846,597,958	847,142,599

Total imports of gold and silver during 1930: Gold coin, 1,780,000 florins ($722,680); gold bullion, 31,924,000 florins ($12,961,144); silver coin, 4,891,000 florins ($1,985,746); silver bullion, 3,426,000 florins ($1,390,956).

Total exports of gold and silver during 1930: Gold coin, 26,092,000 florins ($10,593,352); gold bullion, 26,827,000 florins ($10,891,762); silver coin, 8,210,000 florins ($3,333,260); silver bullion, 468,000 florins ($190,008).

Silver Content of Coins

[From Samuel Montagu & Co.'s Weekly Bullion Circular, August 20, 1930]

The following extract, taken from the speech of M. Vissering, the president of the Netherlands Bank, at the annual meeting of that bank, hints at the possibility of yet another step in the "flight from silver" which has been more or less continuous since the period of extraordinary high prices obtaining just after the war. It will be remembered that Holland was one of the first countries to reduce their silver coinage, a bill to this end being introduced by the Netherlands Government as far back as 1919 and becoming effective the following year:

"For the Netherlands and the Netherlands East Indies the fall in the price of silver is especially of importance in view of the possible substitution of the larger silver coins by nickel media of payment. For, on the one hand, that fall causes the value of the guarantee, which, according to some, the present coins represent for the holder in view of their higher metallic value, constantly to diminish while on the other hand, the more the price of silver falls the greater will be the loss of the Government should the silver coins be eventually converted into nickel."

According to the annual report of the Netherlands Bank the stock of silver and subsidiary coin held by both the Netherlands Bank and the Bank of Java at the beginning of this year was Fl. 54,085,000, a small proportion of which is presumably in smaller coins, for which nickel is already used.

NORWAY

The quantity of silver produced from dry or silicious ores during 1930 was 10,507 fine kilos (337,800 ounces), valued at 543,827 kroner ($145,746).

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Kroner	*Kroner*	*Kroner*
Gold coin			22, 670, 000
Gold bullion	146, 476, 970		146, 476, 970
Total gold	146, 476, 970		169, 146, 970
United States equivalent	$39, 255, 828		$45, 331, 388
Silver coin		6, 600, 000	24, 900, 000
United States equivalent		$1, 788, 800	$6, 673, 200
Notes of bank of issue		311, 600, 000	

Imports into and exports from Norway of gold and silver during 1930

Countries	Imports				Exports, silver coin
	Gold		Silver		
	Coin	Bullion	Coin	Bullion	
	Kroner	*Kroner*	*Kroner*	*Kroner*	*Kroner*
Sweden	800		32, 200	3, 100	260, 900
Denmark			20, 700	20, 600	21, 100
Iceland			3, 700		
Germany		3, 600	1, 200	442, 600	1, 200
Switzerland			100		
Holland			5, 200		
Belgium			400	5, 300	
England		33, 800	2, 600	40, 000	
France			100		
Spain			100		
Austria			200		
United States		800			
Total	800	38, 200	66, 500	511, 600	283, 200
United States equivalent	$214	$10, 238	$17, 822	$137, 109	$75, 898

Metallic stock and note circulation of the Bank of Norway, December 31, 1930

[From bank's balance sheet in Federal Reserve Bulletin, May 1931, p. 275]

Items	Kroner	U. S. dollars
Gold	146,427,000	39,242,436
Subsidiary coin (Treasury a/c)	5,739,000	1,538,052
Notes in circulation	311,563,000	

The quantity of silver produced during 1929 was 8,800 kilos (282,920 ounces), valued at 530,000 kroner ($142,040). (From Norges Bergverksdrift, Oslo, 1930.)

POLAND

Domestic silver coinage, executed during the year ended December 31, 1930: In home mints, 4,597,200 5-zloty pieces, having a face value of 22,986,000 zlotys ($2,579,029); at the Royal Belgian mint, 6,850,000 5-zloty pieces, having a face value of 34,250,000 zlotys ($3,842,850).

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was as follows: One-zloty pieces, 10,093,000 zlotys ($1,132,435); 2-zloty pieces, 3,000 zlotys ($337).

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 1,988 fine kilos, (63,914 ounces), valued at 11,928,000 zlotys ($1,338,322); silver, 38,376 fine kilos (1,233,788 ounces), valued at 2,878,200 zlotys ($322,925).

The quantity of silver produced from lead ore during 1930 was 17,377 fine kilos (558,671 ounces), valued at 1,303,275 zlotys ($146,227).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	Held abroad	In circulation	Total used for monetary purposes
	Zlotys	*Zlotys*	*Zlotys*	*Zlotys*
Gold coin	62,986,241			62,986,241
Gold bullion	421,862,294	[1] 77,395,710		499,258,004
Total gold	484,848,535	77,395,710		562,244,245
United States equivalent	$ 54,400,006	$8,683,799		$63,083,805
Silver coin [2]	17,983,035		162,076,987	180,060,022
Silver bullion [3]	1,353,713			1,353,713
Total silver	19,336,748		162,076,987	181,413,735
United States equivalent	$2,169,583		$18,185,038	$20,354,621
Government notes			2,640,950	2,640,950
Notes of bank of issue			1,328,198,040	1,328,198,040
Total notes			1,330,838,990	1,330,838,990

[1] Earmarked. [2] Face value. [3] Gold value.

[From bank's balance sheet]

Silver and minor coin in Bank of Poland on December 31, 1930, 12,160,215 zlotys ($1,364,376).

PORTUGAL

Gold reserve and note circulation of the Bank of Portugal on December 31, 1930

[From bank's balance sheet in Federal Reserve Bulletin, June, 1931]

Items	Escudos	U. S. dollars
Gold	[1] 9,021,000	9,747,000
Notes	1,994,417,000	

[1] Consists of 8,577,180 gold, 1,144 silver, 442,308 small coin.

Stock of gold and note circulation of the Bank of Portugal on December 31, 1929

[From bank's statement. In dispatch from American Legation, Lisbon, Apr. 23, 1931]

Gold coin	£486,973
Gold bullion	1,419,067
Total gold	1,906,040
United States equivalent	$9,275,744
	Escudos
Notes in circulation	2,045,535,658

RUMANIA

Metallic stock and note circulation of the National Bank on December 31, 1930

[From bank's balance sheet in Federal Reserve Bulletin, September, 1931]

Items	Lei	U. S. dollars
Gold:		
At home	5,355,968,000	32,135,808
Abroad	3,919,467,000	23,516,802
Silver bullion and sundry coin	7,279,000	43,674
Note circulation	19,604,584,000	

SPAIN

Metallic stock and note circulation of the Bank of Spain on December 27, 1930

[From bank's balance sheet in Federal Reserve Bulletin, June, 1931, p. 324]

Items	Pesetas	U. S. dollars
Gold in vault:		
Treasury account	14,731,000	2,843,000
Bank of Spain	2,423,254,000	467,688,000
Other accounts	1,097,000	212,000
Total gold	2,439,082,000	470,743,000
Silver	701,042,000	135,301,000
Note circulation	4,724,138,000	

SWEDEN

Gold reserve and note circulation of the Bank of Sweden on December 31, 1930

[From annual report of the bank]

Items	Kroner	U. S. dollars
Gold	240,831,390	64,542,812
Silver, etc.	2,794,033	748,801
Note circulation	593,881,599	

Gold in private banks on December 31, 1930

[From Upgifter om Bankerna, den 31 December, 1930, av Kungl. Bank-och Fondinspektionen]

Items	Kroner	U. S. dollars
Gold coin, current	419,230	112,354
Gold coin and bullion	320,512	85,897
Total	739,742	198,251

SWITZERLAND

The domestic gold coinage executed in home mints during the year ended December 31, 1930, consisted of 2,773,508 20-franc pieces, having a face value of 55,470,160 francs ($10,705,741).

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 737,500 francs ($142,337).

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 5,800 fine kilos (186,470 ounces), valued at 20,000,000 francs ($3,860,000); silver, 21,000 fine kilos (675,150 ounces), valued at 1,300,000 francs ($250,900).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home Government treasuries	In Swiss National Bank	Held abroad	In circulation	Total used for monetary purposes
	Francs	*Francs*	*Francs*	*Francs*	*Francs*
Gold coin	2,700	270,615,802	61,980,000	[1] 150,000,000	482,598,502
Gold bullion		369,600,019	10,725,840		380,325,859
Total gold	2,700	640,215,821	[2] 72,705,840	150,000,000	862,924,361
United States equivalent	$521	$123,561,653	$14,032,227	$28,950,000	$166,544,401
Silver coin	10,088,045	3,741,515		150,000,000	163,829,560
United States equivalent	$1,946,993	$722,112		$28,950,000	$31,619,105
Swiss National Bank notes				1,060,784,910	1,060,784,910
Notes of banks of issue	24,565			1,302,000	1,326,565
Total notes	24,565			1,062,086,910	1,062,111,475

[1] Hoarded up by public and the bank. [2] Earmarked.

Premium on gold in 1930: Highest, 0.02 per cent; lowest, 0.7 per cent; average, 0.4 per cent.

Imports into and exports from Switzerland of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
	Francs	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*
Germany	16,974	1,170,318	7,300	2,623,623	779,751	8,915,561	25,958,512	4,233
Austria			8,823		1,015	342,009	5,923,400	800
France	2,001,560	8,519,229	411,970	145,606	300	621,377	23,455	107,022
Belgium			145	25,750		2,208,010	2,122	
Netherlands			3,000		800		14,548	10,183
Great Britain	50,200	125,367,775	700		600		19,198,133	300
Spain		285,721			40,000		1,050	
Finland		753				1,740		
Poland		1,040		900	97,317		764	
Yugoslavia				6,163	42,910	34,490		
United States				740			800	
Colombia		4,756				870		
Venezuela		1,788						
Italy					186,200	6,319,026	4,003,875	501,734
Denmark					700	4,525		
Sweden						139,615	586	
Latvia and Estonia						6,550		7,095
Czechoslovakia						1,080,468		770
Hungary					537,450	643,174		30,952
Greece								16,125
Rumania					262,200			
Algeria and Tunis					2,000	99,920	615	80,514
Asia Minor								770
Peru						902		
Total	2,068,734	135,351,380	431,938	2,802,782	1,951,249	20,418,337	55,127,860	760,498
United States equivalent	$399,266	$26,122,816	$83,364	$540,937	$376,591	$3,940,739	$10,639,677	$146,776

Gold and silver coin in circulation, December 31, 1929

[From interrogatory]

Gold coin (hoarded) 120,000,000 francs ($23,160,000); silver coin, 150,000,000 francs ($2,895,000).

Gold reserve and note circulation of the National Bank on December 31, 1930

[From annual report of the bank]

Character of stock	Francs	U. S. dollars
Gold:		
In Bank—		
Swiss coin	219, 143, 890	42, 294, 771
foreign coin	51, 471, 912	9, 934, 079
bullion	353, 715, 267	68, 267, 046
Held abroad	72, 705, 840	14, 032, 227
At the mint	15, 884, 752	3, 065, 757
Total gold	712, 921, 660	137, 593, 880
Silver, Swiss 5-franc pieces	3, 741, 515	722, 112
Notes in circulation	1, 062, 086, 910	

UNION OF SOCIALIST SOVIET REPUBLICS (RUSSIA)

Domestic silver coinage executed in home mints during 1929

[From British mint report for 1929]

Denomination	Pieces	Value	
		Rubles	*U. S. dollars*
20 copecks	67, 250, 004	13, 450, 001	6, 921, 370
15 copecks	46, 400, 004	6, 960, 001	3, 581, 617
10 copecks	64, 900, 000	6, 490, 000	3, 339, 754
Total	178, 550, 008	26, 900, 002	13, 842, 741

Metallic stock and note circulation of the issue department of the State Bank on January 1, 1931

[From Economic Review of the Soviet Union, January 1, 1931]

Stems	Chervontzi	U. S. dollars
Gold coin and bars	48, 364, 314	248, 882, 760
Other precious metals	2, 225, 848	11, 454, 214
Notes	210, 040, 942	

Soviet Gold and Finance

[Translation of an article appearing in the Riga (Latvia) Russian-language newspaper Sevodnia of February 11, 1931]

WHY IS THE SOVIET GOLD FLOWING TO GERMANY?

The Soviet Government is deprived of the possibility of "exporting" gold to Paris and London for the following reasons: As will be remembered, the Banque de France is in litigation with the American Guaranty Trust Co. on account of the Soviet gold that was sent to the latter bank from Moscow, and upon which, on the application of the French bank, an embargo was placed by court verdict, the French bank having filed a suit against the Soviet Government for the return of the gold deposits made by France to the amount of 80,000,000 gold rubles.

Two years ago an American court declared itself noncompetent in this matter, and the embargo was removed. After this, however, at the instance of the Washington Government, the gold was removed from America and returned to the Soviet Government. For fear of another embargo in any of the European ports, the Soviet Government dispatched a special steamer which transshipped the precious cargo at night, in the open sea, to a German vessel which took the gold to

Germany. The readers of the Sevodnia will probably recollect this transshipment of gold in the open sea, in the darkness of night, accounts of which were at that time circulating throughout the press of the entire world. Ever since that time Moscow has been very careful about gold shipments abroad, since the Banque de France has in its hands a writ of the Paris Commercial Court, placing an embargo on any property whatsoever belonging to the Soviet Government, including gold.

In addition to this, the Banque de France has in Paris alone about 10 additional judgments, which are still unsatisfied, against sundry Soviet institutions, totaling about 40,000,000 French francs owing to various persons. Twenty-five million francs will soon have to be paid in connection with the Litvinov bills of exchange, and a number of other cases against the Soviet commercial mission and other Soviet enterprises are still pending. No sooner will a shipment of Soviet gold appear in any French port than the messenger of the French court will immediately put his hands on it.

In London the same danger threatens. As will be remembered, the arbitration court in the case of the Lena Goldfields gave judgment against the Soviet Government for 13,000,000 pounds sterling in favor of the above company. At the present moment diplomatic negotiations are going on, but the board of the Lena Goldfields threatens that it will have the moneys and the property of the Soviet attached. English courts are independent, and have the right to issue orders of attachment. This would necessitate a formal complaint in court. At any rate, be that as it may, so long as the Lena Goldfields affair has not been settled, no gold can be shipped to London.

As regards New York, although the shipment of Soviet gold to New York or to any other State of the United States is not prohibited officially, yet the banks, apprehending new lawsuits on the part of the Banque de France, are wary of buying Soviet gold.

The Department of State has unofficially requested the principal American banks to refrain from any transactions connected with the purchase of Soviet gold, or at any rate from causing it to be shipped to the United States. Thus Germany, that is, the Reichsbank is the only market for selling Soviet gold.

As far back as 1925 the Soviet State Bank opened at the Reichsbank an account "on call" on the security of gold in specie and in bullion. This was done by the now retired Scheinmann for two reasons:

1. In order that the efflux of the gold might figure in the balance sheets of the State Bank as "gold deposited abroad with foreign correspondents," and also that it might figure in "metal securities of the emission of currency"; and

2. In order that, by the practice of drawing on the Reichsbank, and obtaining from it letters of guarantee in respect of Soviet bills of exchange and Soviet transactions, the credit of the Soviets in London, Paris, and New York might be increased. Such financial tricks, by the way, were performed by Scheinmann with two Berlin banks, the Berliner Handelsgesellschaft and the Deutsche Bank. Needless to say, these transactions were very expensive, seeing that, while the Soviet Government received 6 per cent per annum on its deposits, it had to pay in its own turn about 14 per cent in the shape of commissions, etc.

Since that time all actual transactions in connection with sales of gold to the Reichsbank are performed under the guise of pledging transactions. However, of the gold shipments sold to the Reichsbank in the course of the past six years, totaling in all 521,000,000 marks (see the official accounts of the Reichsbank), not a single pound of gold has found its way back to Moscow. The Soviet Government loses at least 5 per cent on the value,[1] not counting transportation expenses, for it pays transportation right up to the vaults of the Reichsbank.

The latest shipments of gold which came to Berlin via Riga, and which contained the remainder of the Rumanian national gold reserve removed to Russia during the war and stored in Moscow (in Nastasiensky Street in the building of the Loans Bank) were utilized, chiefly for paying American and English bills of exchange to the total amount of $46,000,000. The Reichsbank issued in all eight drafts on London and New York, made out in the name of the Berlin Soviet Commercial Mission, to the above mentioned total. The German payments due on January 30 amounted to 24,000,000 marks. Eleven million marks of this sum were advanced by the Dresden Bank and Darmstadt Bank on security of raw materials, such as oil, timber, etc. All the pictures and other valuable objects of art which are offered for sale by Berlin and Leipzig antique dealers are pledged at the said banks. Aside from these securities, the Soviet Commercial

Translator's notes:—[1] It is not known whether this item of loss is included in the loss of 14 per cent mentioned in the preceding paragraph. [2] Of the principal?

Mission has issued short-term bills of exchange indorsed by the Soviet State Bank. The remaining 13,000,000 marks were got together with great effort, all accounts current abroad being drawn upon for this purpose.

In addition to this, the Soviet State Bank sent $300,000 in small notes which had evidently been collected from foreigners, and persons receiving remittances from America.

The principal payments of Soviet institutions in Europe and America are due at the end of March and the beginning of April this year. These payments are estimated at $50,000,000. The conversion into cash of export merchandise is carried on with feverish haste. The payments to the firm of Shalit Bros. in London, due at about the same time, are estimated at $5,000,000. Ten million dollars is the most that can be expected to be realized from other sources.

Where are the other $35,000,000 to come from?

For this purpose it will be necessary to go on utilizing the remaining balance of gold, and it must be said that Moscow is doing this very reluctantly, and only under the pressure of dire need, for there they understand very well that with every new shipment of gold to capitalistic Europe, the communistic foundation is weakened. An agreement already has been arrived at concerning a new sale of gold to the Reichsbank, to the amount of 65,000,000 marks, the shipment to proceed by the same route to Berlin via Riga by rail, since by sea, as stated above, the transportation is wrought with risk. Parallel with this, negotiations are on foot with German concerns about postponement, for three months, of the payments due in March and April, 50 per cent [2] to be paid down, plus the interest for the postponement. Khinchuk, the Soviet plenipotentiary representative, visited in these days the president of the Reichsbank, Doctor Luther, and requested him to give his assistance in the matter of postponing the payments shortly due.

Khinchuk pointed out that in the person of the Union of Socialist Soviet Republics the Reichsbank has a large client which could scarcely be replaced, and that therefore it would be well to make concessions to the Soviets. Doctor Luther replied to this request of Khinchuk's as follows: "The Reichsbank is an institution not depending on the State, but one that depends on its shareholders, 40 per cent of whom are foreign bankers. The Reichsbank is bound to strictly adhere to its constitution. It is compelled now to observe a policy of rigid economy, reducing credits in connection with the discounting of bills of exchange, so as to be able to reduce the emission of bank notes, which tactics are forced upon it by the prevailing conjuncture, part of German private capital going abroad, and many foreign credits being canceled." Nevertheless, Luther is going to start negotiations with some of the German industrialists, who will do all in their power to help the Soviet Government to overcome the prevailing financial crisis.

Some days ago, in a private interview, Doctor Luther was asked the question, How much gold, in his opinion, was left in Moscow?

To this Doctor Luther replied: "As a person in an official capacity, it is very difficult for me to answer this question, for a number of reasons * * * I am not in a position to criticize the emission bank of a Government with which we maintain friendly diplomatic and commercial relations. I am therefore obliged to believe in the official balance sheets issued by the Soviet State Bank. To what extent that balance sheet reflects the actual condition of the assets of that institution, this is a thing that is not within my province to judge.

"For the rest, the Reichsbank is not in the least measure a creditor of the Soviet State Bank. We are discounting Soviet bills, furnished with the indorsements of our regular clients, within the limits of the credits guaranteed by the Government of the Reich."

YUGOSLAVIA

Quantity of gold and silver presented at the bureau for stamping of precious metals (used in the industrial arts) during the year ended December 31, 1930: Gold, 773 fine kilos (24,852 ounces), valued at 38,159,900 paper dinars ($671,614); silver, 4,970 fine kilos (159,786 ounces), valued at 9,940,714 paper dinars ($174,957).

The quantity of gold and silver extracted abroad from the copper ores of the country during 1930 is estimated as follows: Gold, 720 fine kilos (23,148 ounces); silver, 3,120 fine kilos (100,308 ounces).

Metallic stock and note circulation of the National Bank on December 31, 1930: Gold, 98,575,852 (gold) dinars ($19,025,139); silver, 4,759,194 (gold) dinars ($918,524); notes, 5,396,532,715 paper dinars.

Premium on gold in 1930 (exchange rate of Swiss franc): Highest, 1,095.90 per cent; lowest, 1,095.75 per cent; average, 1,095.90 per cent.

Imports into and exports from Yugoslavia of gold and silver during 1930

Countries	Imports				Exports, silver bullion
	Gold		Silver		
	Coin	Bullion	Coin	Bullion	
	Paper dinars	*Paper dinars*	*Paper dinars*	*Paper dinars*	*Paper dinars*
Austria	2,905,714	555,030	45,170	40,220	537,754
Switzerland	404,000	243,300			
Hungary	400,000	6,400	1,680	3,700	
Germany	35,000	463,761	1,660	23,750	
England		812,380		2,000	
Italy		52,100			14,800
Sweden			580		
Total	3,744,714	[1] 2,632,971	49,090	69,670	552,554
United States equivalent [2]	$65,907	$46,340	$864	$1,226	$9,725

[1] Details short of total by 500,000.
[2] Conversion rate, 1 paper dinar = $0.0176.

Gold and silver presented at the bureau for stamping of precious metals and used in the industrial arts during 1929

Materials used	Gold				Silver			
	Quantity		Value		Quantity		Value	
	Kilos, fine	*Ounces, fine*	*Paper dinars*	*U. S. dollars*	*Kilos, fine*	*Ounces, fine*	*Paper dinars*	*U. S. dollars*
Domestic old jewelry, coins, etc.	405	13,021	15,395,776	270,966	1,213	38,998	2,426,154	42,700
Imported old jewelry, coins, etc.	379	12,185	14,415,490	253,713	3,382	108,731	6,763,944	119,045
Total	784	25,206	29,811,266	524,678	4,595	147,729	9,190,098	161,745

The quantity of gold and silver extracted abroad from the copper ores of the country during 1929 is estimated as follows: Gold, 574 fine kilos (18,455 ounces); silver, 2,488 fine kilos (79,989 ounces).

The actual currency consists of paper.

NOTE.—The interrogatory reply states the banks' metallic holdings and note issues at December 31, 1929, the same as shown on the banks' balance sheet, except that silver is valued in gold dinars as 5,482,217 ($96,487) in the interrogatory.

Premium on gold in 1929 (exchange rate of Swiss franc): Highest, 1,095.9 per cent; lowest, 1,095.6 per cent; average, 1,095.9 per cent.

Imports of gold and silver during 1929

Countries	Gold		Silver bullion
	Coin	Bullion	
	Paper dinars	*Paper dinars*	*Paper dinars*
Austria	3,506,968	1,209,954	73,240
Germany	546,872	422,750	59,700
Switzerland	206,946		
England		110,000	
Italy		75,000	12,350
Hungary			3,682
Total	4,260,786	1,868,304	148,972
United States equivalent [1]	$74,990	$32,889	$2,622

[1] Conversion rate, 1 paper dinar = $0.0176, current rate of exchange since 1926.

Imports into and exports from Yugoslavia of gold and silver during 1929

Countries	Imports			Exports	
	Gold		Silver bullion	Gold articles	Silver articles
	Coin	Bullion			
	Paper dinars	*Paper dinars*	*Paper dinars*	*Paper dinars*	*Paper dinars*
Austria	3, 506, 968	1, 259, 954	73, 240		
Germany	546, 872	422, 750	59, 700		
Switzerland	206, 946				154, 850
England		110, 000			
Italy		75, 000	12, 350	70, 500	4, 600
Hungary			3, 682		
Czechoslovakia				8, 700	
Total	4, 260, 786	1, 868, 304	148, 972	79, 200	159, 450
United States equivalent [1]	$74, 990	$32, 889	$2, 622	$1, 394	$2, 806

[1] Conversion rate, 1 paper dinar=$0.0176, current rate of exchange since 1926.

Metallic stock and note circulation of the National Bank on December 31, 1930

[From banks' weekly statement]

Items	Dinars	U. S. dollars
Gold	98, 575, 852	19, 025, 139
Silver	17, 581, 636	3, 393, 256
Note circulation	5, 396, 532, 715	

ASIA

AFGHANISTAN

Currency

[From United States Consul at Karachi, India, September 11, 1930]

The Official Unit

The official unit of currency in Afghanistan is the silver afghani, commonly known as an Afghan rupee. The value of the afghani in United States currency fluctuates with the price of silver, and has been declining recently. On August 2, 1930, the exchange value of afghanis was 100 afghanis equal 33 Indian rupees. The Indian rupee has a fixed value of $0.365. On that basis the afghani would be worth $0.12045.

The gold unit of currency is known as the amani. Normally 20 afghanis are equal to one amani. Owing to the decline in the price of silver, this ratio no longer holds. The value of an amani in Indian rupees fluctuates from day to day. On August 1, 1930, an informant at Peshawar stated that the Amani was worth 15 Indian rupees. At that rate the amani would be worth $5.475.

The official decree establishing the currency in Afghanistan was issued in 1305, according to Afghan reckoning, which corresponds to 1925.

Legal Tender

* * * The Afghan Government will accept for taxes and customs duties only its own coins, i. e., amani, afghani, and kabuli. The latter is a silver coin of old standing. Eleven kabuli are equivalent to 10 afghani. Other currency circulates freely in the country * * *

Foreign Currency

Foreign coins and notes circulate freely in Afghanistan. British gold sovereigns and paper pound notes are frequently used. Indian rupees and notes are common. Russian gold coins are in use. Old silver coins known as gajrees circulate freely in Afghanistan as well as Persia. Coins circulate on the basis of their gold or silver content * * *

SPECIFIC INFORMATION ON METALLIC CURRENCY

The recognized currency system is comprised of the following coins:

Gold—Amani, nim (half) amani. Silver—Afghani, nim afghani, 20 pul. Copper—15 pul, 10 pul, 5 pul, 1 pul.

(There are 100 pul in one afghani.)

Besides the foregoing there are also in common circulation the following coins:

Gold—5 amania piece equal at normal exchange to 75 kabuli; 2 amania, equal at normal exchange to 30 kabuli.

Silver—5 kabuli, 2½ kabuli, 1 kabuli, nim kabuli, 20 paisa or 1 thanga or 1 abbasi.

Copper—10 paisa or 1 sanar, 5 paisa or 1 shahi.

(There are 60 paisa in 1 kabuli.)

As indicated above, 10 afghani exchange for 11 kabuli. When afghani were first issued it was the intention gradually to do away with the kabuli. This is still the intention of the Government, but apparently no date has yet been set for withdrawing the kabuli rupee from circulation.

The alloy used in Afghan coins follows the Russian standard of fineness. Both the silver afghan and the gold amani have 90 per cent of silver and gold, respectively, and 10 per cent copper. The nim afghani contains 50 per cent silver and 50 per cent copper.

Bullion in India is measured in ratis, mashas, and tolas. Eight ratis equal 1 masha and 12 mashas equal 1 tola. The tola is equivalent to 180 grains Troy, the exact weight of an Indian silver rupee.

The best information it has been possible to obtain indicates that the amani has a gold content which weighs 9 mashas. The gold content of an amani would thus be 135 grains Troy.

Similarly the silver content of an afghani is 9 mashas 3 ratis, or 140.625 grains Troy.

ARABIA

ADEN

Premium on gold in 1930: Highest, 4 per cent; lowest, 1½ per cent; average, 3 per cent.

Imports into and exports from Aden of gold and silver during 1930

Countries	Imports		Exports	
	Gold coin	Silver coin	Gold coin	Silver coin
	Rupees	*Rupees*	*Rupees*	*Rupees*
Ghizan	274,949	83,575		92,660
Jeddah	172,020	73,673		
Hodeidah	149,940	558,178		497,878
Mokha	30,795	463,758		
Arabian gulf ports	88,665			1,658,441
Kamaran and Farsan	93,240	352,400		170,741
Trieste		2,453,230		
Djibouti		3,270,745		
Bombay			1,554,210	1,694,800
Perim				300,000
Zanzibar				114,800
Somaliland				56,780
Massowah		118,057		
All other countries	9,300	222,012	750	244,153
Total	818,909	7,595,628	1,554,960	4,830,253
United States equivalent	$268,902	$2,772,404	$567,560	$1,763,042

HEJAZ

Domestic silver coinage executed at the royal mint, London, for Hejaz during 1930

Denomination	Pieces	Value	
		Rial	[1] *U. S. dollars*
1 rial	400,000	400,000	194,660
½ rial	100,000	50,000	24,332
¼ rial	200,000	50,000	24,332
Total	700,000	500,000	243,324

[1] Conversion rate, 1 rial = to $0.4866.

Currency of Hejaz

[From Commerce Reports, August 18, 1930]

The standard gold currency of the Hejaz is the pound sterling. The silver rial is worth 2 shillings, 10 rials thus being equivalent to 1 pound sterling. Smaller nickel coins—called Hejaz piasters, or "Ghursh Miris"—circulate on the basis of 11 to the rial. "Ghursh Miri" is doubtless a carry-over from the former Turkish régime. There are also one-quarter and one-half rial silver pieces, worth, respectively, 2¾ and 5½ "Ghursh Miris." The smallest coin is the "Ghursh Duruz," worth half of a "Ghursh Miri." (The par value of the rial in American currency is $0.4866, that of the "Ghursh Miri" is $0.044, and of a "Ghursh Duruz," $0.022.)

[From reply to U. S. Mint interrogatory for 1930]

Silver Maria Theresia dollars are most generally used as currency.

OMAN

Currency

The British-Indian rupee continues to make headway, although the Austrian Marie Theresia dollar, locally known as "riyal" or "qurush," is still the chief currency of the interior. There is only one Oman copper coin called "baiza" or Muscat pice, corresponding in size with the Indian pice and worth about one-sixteenth of an anna or one-eighth of a United States cent. This coin was minted in England in about 1897. Copper pice of Zanzibar, German East Africa, and Persia also circulate in limited number equal in value to the Oman baiza.

The average rate of exchange between the Austrian Marie Theresia dollar and rupee corresponding with the baiza during the financial year 1930–31 has been: Seventy-six rupees=100 dollars, 248 baizas=1 rupee, 194 Oman baizas=1 dollar.

In addition to the above, there is an imaginary coin of accounts called mohamadis and ghazis. Twenty ghazis=1 mohamadis; 11½ mohamadis=1 dollar; 100 mohamadis=1 taman. These are very seldom used now.

There is no bank. Hundis (bills of exchange) are used in foreign trade among the merchants.

BRITISH INDIA

Domestic silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Rupees	*U. S. dollars*
Half rupee	2,036,000	1,018,000	371,570
Quarter rupee	3,222,128	805,532	294,019
Total	5,258,128	1,823,532	665,589

Silver coinages executed for other governments during 1930: For Hong Kong, 6,664,865 Hong Kong dollar pieces ($2,013,056); for Bhutan, 30,000 silver coins, valued at 15,000 rupees ($5,475).

The amount of domestic silver coin withdrawn from monetary use during 1930 for recoinage and for sale was 113,569,602 rupees ($41,452,905).

Production of gold and silver during 1930

Source of production	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Rupee*	*U. S. dollars*	*Ounces, fine*	*Rupee*	*U. S. dollars*
From deep mines	329,134	18,678,794	6,817,760			
From placer mining	97	6,317	2,306			
From lead ore				7,054,206	7,687,674	2,806,001
From gold ore				17,844	20,894	7,626
Total	329,231	18,685,111	6,820,066	7,072,050	7,708,568	2,813,627

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
	Rupees	*Rupees*	*Rupees*
Gold bullion	322, 776, 089		322, 776, 089
United States equivalent	$117, 813, 272		$117, 813, 272
Silver coin	1, 157, 003, 581		1, 157, 003, 581
Silver bullion	53, 930, 250		53, 930, 250
Total silver	1, 210, 933, 831		1, 210, 933, 831
United States equivalent	$441, 990, 848		$441, 990, 848
Government notes	8, 198, 239	1, 605, 205, 759	1, 613, 403, 998

Gold held in the gold standard reserve, in England, £2,152,334 ($10,476,000).
Silver in circulation has been estimated at $1,000,000,000.
Exchange quotations on gold in 1930 at Bombay: Highest, 13 rupees 13 annas to the sovereign; lowest, 13 rupees 5 annas, 6 pice. (Par being 13 rupees 5 annas 1½ pice to the pound.)

Imports into and exports from British India of gold and silver during 1930

Countries	Imports		Exports	
	Gold	Silver	Gold	Silver
	Rupees	*Rupees*	*Rupees*	*Rupees*
Great Britain	24, 241, 755	83, 808, 436	457, 444	16, 164, 824
Aden and dependencies	1, 781, 109	504, 377		
Arabia	2, 078, 330	2, 201, 861		629, 138
Iraq	6, 579, 878	2, 890, 436		
Bahrein Islands	538, 000	2, 096, 060		774, 187
Straits Settlements	7, 748, 544	835, 136	38, 750	58, 000
Ceylon	7, 447, 284	3, 840	508	16, 170
Federated Malay States	133			9, 000
Sumatra	13			
Java	95, 485			14, 215
Dutch Borneo	107			
Fiji Islands				1, 500
Celebes and other islands	14			
China	10, 054, 591	3, 838, 688		17, 774, 949
Egypt	3, 223, 561			240
Natal	72, 639, 522	1, 010, 014		
East Africa				4, 962
Somaliland	12, 000			
Siam		67, 614		
United States	92	16, 565, 115		
Persia		694, 386		50, 800
Australia and New Zealand	22, 063, 815	14, 173, 719		
Austria		68, 577		
Mauritius and dependencies			1, 010	[5] 5, 000
France		1, 328, 223		
Total	[1] 158, 504, 233	[2] 130, 086, 482	[3] 497, 712	[4] 35, 502, 985
United States equivalent	$57, 854, 045	$47, 481, 566	$181, 665	$12, 958, 589

[1] Of which 71,959,302 rupees ($26,265,145) in bullion, 83,405,921 rupees ($30,443,161) in British gold coin and 3,139,010 rupees ($1,145,739) in foreign gold coin.
[2] Of which 120,598,770 rupees ($44,018,551) in bullion and 9,487,712 rupees ($3,463,015) in coin, of which 483,090 rupees ($176,328) in bullion, 14,189 rupees ($5,179) in British gold coin, and 433 rupees ($158) in foreign gold coin.
[3] Of which 27,677,592 rupees ($10,102,321) in bullion and 7,825,393 rupees ($2,856,269) in coin.
[4] Of which 27,677,592 rupees ($10,102,321) in bullion and 7,825,393 rupees ($2,856,269) in coin.

Indian Silver Market in 1930

[From Foreign Financial News, U. S. Department of Commerce, Feb. 20, 1931]

With silver weak throughout 1930, imports totaled 97,389,000 ounces. Government sales are estimated at 21,500,000 ounces. (Trade Commissioner George C. Howard, Calcutta, February 2, 1931.)

TRAVANCORE

Silver coinage executed for Travancore at the mint, Birmingham (Ltd.), during 1930

Denomination	Pieces	Value	
		Rupees	*U. S. dollars*
One-half rupee	100,000	50,000	18,250
One-fourth rupee	200,000	50,000	18,250
Fanam	700,000	87,500	31,937
Total	1,000,000	187,500	68,437

BRITISH NORTH BORNEO

The total import of United States gold coin during 1930 was 149 Straits dollars ($85).

Approximate stock of silver coin and government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
	Straits dollars	*Straits dollars*	*Straits dollars*
Silver coin	19,934	16,566	36,500
United States equivalent	$11,318	$9,406	$20,724
Government notes	636,470	1,218,726	1,855,196

Laws affecting the currency

Amendments in 1930 to the 1914 currency ordinance, Nos. 81, 82, and 83, provide for the 25-cent silver piece which is to have a fineness of 0.500 and a gross weight of 43.63 grains.

Imports into and exports from British North Borneo of gold and silver coin during 1930

Countries	Imports		Exports	
	Gold coin	Silver coin	Gold coin	Silver coin
	Straits dollars	*Straits dollars*	*Straits dollars*	*Straits dollars*
Straits Settlements		150		709
Hong Kong	72		1,371	
Philippine Islands	149			
Australia			3,589	429
Total	221	150	4,960	1,138
United States equivalent	$125	$85	$2,816	$646

CEYLON

Approximate stock of gold and silver coin and of government notes used for monetary purposes on December 23, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
	Rupees	*Rupees*	*Rupees*
Gold coin	22,933		22,933
United States equivalent	$8,370		$8,370
Silver coin	24,396,942	[1] 11,344,490	35,741,432
United States equivalent	$8,904,884	$4,140,739	$13,045,623
Government notes	[2] 2,207,894	55,001,430	57,209,324

[1] Subsidiary coin.

[2] Held as government cash balances.

Imports into and exports from Ceylon of gold and silver during 1930

Countries	Imports		Exports		
	Gold coin	Silver bullion	Gold coin	Silver	
				Coin	Bullion
	Rupees	*Rupees*	*Rupees*	*Rupees*	*Rupees*
Great Britain	835, 999	244, 820			
Australia	14, 219, 835	64, 943			
British South Africa	6, 856, 716				
Hong Kong	858				
British India			9, 900, 982		65, 000
Maladive Islands				310, 600	
Total	21, 913, 408	309, 763	9, 900, 982	310, 600	65, 000
United States equivalent	$7, 998, 394	$113, 063	$3, 613, 858	$113, 369	$23, 725

CHINA

Silver domestic coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Yuan dollars	*U. S. dollars* [1]
Yuan dollar [2]	67, 000, 000	67, 000, 000	19, 938, 530
20 cents [3]	339, 140, 000	67, 828, 000	20, 184, 934
50 cents [4]	3, 000, 000	1, 074, 606	319, 792
Total	409, 140, 000	135, 902, 606	40, 443, 256

[1] Conversion rate, 1 Yuan dollar = $0.29759, at the 1930 average price of silver in London, $0.38724 per fine ounce.
[2] Coined at Hanchow mint.
[3] Coined at Canton mint.
[4] Coined in Yunnan Province.

NOTE.—Subsidiary coins in China, due to the reduction of fineness of the silver at the time of minting are at a 20 per cent discount of silver dollars.

There are 30 mints in China operating at different times, more or less autonomous from the control of the national government, being under the direction of provincial authorities. Few of the mints report fully their activities to the national government.

The amount of domestic silver coin withdrawn from monetary use during 1930 was as follows: For recoinage, 2,000,000 Yuan dollars ($595,180); for industrial use, 5,000,000 Yuan dollars ($1,487,950).

The quantity of silver used in the industrial arts, during 1930 was about 25,000,000 troy ounces.

The domestic production of gold in 1930 from all sources was no more than 100,000 troy ounces, a liberal figure. There was no silver mined or produced in 1930.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	Total used for monetary purposes
	Yuan dollar
Silver coin	1, 991, 700, 000
Silver bullion and sycee	208, 300, 000
Total silver	2, 200, 000, 000
United States equivalent	$654, 698, 000
Government notes [1]	23, 000, 000
Notes of banks of issue	277, 000, 000
Total notes [2]	300, 000, 000

[1] Issued by the Central Bank of China.
[2] This total is for Shanghai consular district only. Shanghai notes are almost entirely in circulation, being at a premium in many parts of the interior.

Ratio of Gold Value to Actual Currency of Country During 1930

Gold was not at a premium in relation to the actual currency. On the contrary, since an embargo was placed upon its export (governmental order dated May 16, 1930), gold was at a discount of from 3 to 7½ per cent, due to the possibility of confiscation of stocks for attempted smuggling from the country, and the difficulties caused by not being able to make shipments abroad.

Coinage, Currency, and Banking Laws

There was a banking law enacted by the legislative Yuan of the national government, which, as yet, has not gone into full effect. It is now being subjected to revision.

During the first quarter of 1930 a step of far-reaching importance, involving a basic change in the method of assessing and collecting Chinese maritime customs revenue, was taken by the Chinese Government. On January 16, it was announced that import duties and dues would be collected in gold. This and explanatory notifications paved the way for the establishment of the customs gold unit used as the basis for assessing duties on foreign imports.

Imports into and exports from China of gold and silver during 1930

[In Haikwan taels]

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
Hong Kong and Macao	861, 278	1, 632, 829	6, 147, 459	29, 316, 888	160, 467		23, 910, 434	6, 481, 047
Philippine Islands		80, 460					141, 332	
Saigon and Tonkin			18, 292, 274	546, 003			272, 309	472, 606
India				1, 728, 069				1, 772, 706
Japan			35, 630	2, 616, 025		2, 319, 662	35, 893	609, 366
Korea						44, 799		
Singapore, Straits, etc								756, 598
Dutch Indies								58, 063
Europe				3, 148, 526	1, 443			1, 043, 419
America				40, 729, 073	417, 110	16, 166, 441	256	
Total	861, 278	1, 713, 289	24, 475, 363	78, 084, 584	579, 020	18, 530, 902	24, 360, 224	11, 193, 805
United States equivalent [1]	$402, 441	$800, 551	$11, 436, 358	$36, 485, 803	$270, 553	$8, 658, 749	$11, 382, 558	$5, 230, 417

[1] Conversion rate, 1 Haikwan tael=$0.46726, at the 1930 average price of silver in London, $0.38724 per fine ounce.

It is impossible to give only an estimated figure for the export of all gold from China to foreign countries during 1930, as there was an embargo placed on its export from May 16 throughout the year. Hence the figures for gold exports given in the table are really inaccurate, as, after May 16, gold did leave China, for it was smuggled first to the British colony of Hong Kong and from there exported abroad.

Before May 16 gold totaling $9,833,105 United States currency in bars was shipped from Shanghai to the United States, according to American consular invoice returns. After this date, these returns indicate, gold exported from Hong Kong to the United States amounted to $1,054,319 in coin and $8,269,621 in bars, or a total of $9,323,940, United States currency. Thus records actually show a total of $19,557,045 worth of gold (United States currency) exported from China to the United States during 1930. As the United States apparently took a large percentage in value of all gold shipped from China to all foreign countries during the year, reflected in the customs returns, the total estimate can be made from this figure.

The Chinese maritime customs returns, in Haikwan taels, for gold exported from the country nominally for the whole year (actually until May 16), and the true export of silver for the entire year, are given in the above tables.

China's Import Duty on Gold Basis

[From the Bankers' Magazine, London, February, 1930]

A special correspondent of the Morning Post, writing on January 15, states that the National Government took the first official measure to counteract the silver slump when the Finance Minister to-day announced that import customs duties from abroad would be collected on a gold basis, beginning on February 1. The Haikwan tael, the previous unit for calculating the duties, is to be superseded by a new gold unit equal to 60.1866 centigrams of pure gold, equivalent to a 40-cent gold dollar or 19.7265 pence. As heretofore, dollars, taels, and other currencies will be accepted in payment of duties, and the exchange rates will be officially announced from time to time. The conversion rate from February 1 to March 16 will approximate to the average rate of exchange prevailing in the last quarter of 1929. After March 16 the approximate average rate will be that for the month of January, 1929. From February 1 to March 15 the specific import duties now expressed in Haikwan taels will be converted into the new gold unit on the basis that one Haikwan tael equals 1.50 of the new unit. Beginning on March 16 the conversion basis will be that 1 Haikwan tael equals 1.75 of the new unit. Mr. Soong, the Finance Minister, states that the measure is necessary to safeguard Government finances, as Government gold payments amount to over £9,000,000 annually, and the cost of meeting these payments in national currency at the current rate of exchange was 60 per cent greater in 1925 and 20 per cent greater in 1928. Mr. S. H. Kung, the Minister of Industry, Commerce, and Labor, interviewed at Nanking yesterday regarding the relief measures for the silver slump, advocated an eventual, but not immediate, adoption of gold standards.

China and the Gold Standard

[From Bankers' Magazine, London, May, 1930]

The report on Chinese currency of the Kemmerer Commission of Financial Experts, submitted last November to His Excellency T. V. Soong, Minister of Finance, has now been published. The report contains a draft law for the gradual introduction of a uniform gold-standard currency system throughout China, but without the coinage circulation of gold. Dealing with this draft law the report, according to a Reuter's message, says: "Currency reform, which is urgently needed in China, should involve two things, the replacement of the present confused currencies by a uniform and nation-wide currency system and the introduction of the gold standard. The chaotic condition of China's currency is a serious handicap to trade and to the development and prosperity of the country. China is the only important country to-day upon the silver standard. The silver standard is also a great handicap to China, particularly in the disturbing effect it has upon the country's foreign trade, and in the difficulties it creates in the management of the Government's finances, since Government receipts are almost wholly in terms of silver, while a large part of the payments are fixed in terms of gold." The new gold currency unit, for which the name "sun" has been suggested, is to contain 60.1866 centigrams of pure gold, and therefore to have a value equivalent to 40 cents in the United States currency (S. 2.50=$1), to 1s. 7.7265d. sterling, and to 0.8025 Japanese gold yen. This unit was selected largely because it is of practically the same value, in terms of gold, as the silver dollars now current in most parts of China. The project provides for silver coins of one sun, 50 cents, and 20 cents; nickel coins of 10 cents and 5 cents; and copper coins of 1 cent, ½ cent, and ¼ cent. The project does not provide for the minting of gold coins. Although the project gives the Government the option of redemption in gold bars, it is expected that this form of redemption will be rarely, if ever, used. To provide for the sale abroad of drafts payable in Chinese money, a gold-standard trust fund is to be established which is to amount to at least 35 per cent of the value of the coins in circulation.

Currency Reform in China

[By Trade Commissioner Frank S. Williams, Shanghai. In commerce Reports, May 5, 1930]

* * * As an initial step, the ministry of finance of the National Government has drawn up a definite schedule for the adoption of the new silver dollar and the abolition of the tael. The new schedule becomes effective in the near future in the Kiangsu and Chekiang Provinces only. If successful in these areas, it gradually will be extended to the rest of China. * * *

The new plan involves the circulation by the Central Bank of China of the new silver unit, named the "Sun," and worth approximately $0.40, and of subsidiary coins as recommended in the financial commission's report. These subsidiary coins will consist of 50-cent, 20-cent, 10-cent, and 5-cent pieces. All bank notes issued by the various commercial banks and at present in circulation in Kiangsu and Chekiang are to be recalled as soon as possible and to be replaced by the bank notes and coins issued by the Central Bank of China.

The Shanghai Maritime Customs has announced that, beginning April 15, 1930, import duties fixed in terms of the new customs gold unit, and payable in Shanghai, may be paid in cashiers' orders or approved checks drawn on the Central Bank of China's Shanghai office, in terms of customs gold units. * * * Importers also may continue to pay import duties in dollars or taels, as at present.

[From Foreign Financial News, U. S. Department of Commerce, February 20, 1931]

To Prohibit Melting of "Cash" (Currency)

[The China Weekly Review, December 13, 1930]

The Kuo Min news agency on December 2 announced that the ministry of finance has in contemplation the adoption of regulations prohibiting the melting of "cash" coins and export of the metal. The report stated that while "cash" are no longer used as currency in the ports, they still circulate in the interior. Recently it was reported that merchants were buying up the coins, melting them down, and exporting the metal.

Change in Annual Settlement Date not Fully Accepted—Effects of Silver Drop

[Commercial Attaché Julean Arnold, January 16, 1931, Shanghai]

Although Chinese shops and business houses in trading ports are increasingly receptive to the western calendar, modern Chinese banks are practically the only concerns which made their 1930 annual settlements on the foreign New Year. The bulk of Chinese business enterprises still base their fiscal year on the Chinese calendar.

Annual settlements throughout the country were generally favored by the cessation of civil war and the good crops, but adversely affected by decreased demands abroad for Chinese commodities. Importing concerns are seriously affected by the severe decline of silver, which is resulting in heavy advances in the local prices of kerosene, gasoline, canned goods, and provisions, while virtually stopping new orders in many lines. Instances are numerous of Chinese dealers being unable to take delivery of goods arriving, because they failed to settle exchange at earlier and more advantageous rates.

Silver Purchases in China in 1930

[Finance and Commerce, December 31, 1930]

At the opening of 1930 large extra supplies of silver were landed in Shanghai, consigned principally by Indo-China. Aside from 16,450 silver bars landed here in January, 1930, Saigon sent about 20,000,000 silver dollars. In this manner excessive cash funds became available at Shanghai, inducing the authorities to place an embargo on the import of foreign minted silver coins. In the course of the first six months, 44,000 bars of foreign silver (aside from coin) were landed at Shanghai, representing 44,000,000 taels in value. During the second half-year, however, barely 3,000 silver bars arrived here, all of which were promptly reexported.

The reduction in silver imports during the second semester was generally welcomed in consideration of ample stocks being available. Canton, on the other hand, bought large quantities of foreign silver for mint operations; the latter however ceased in December. The Hangchow mint having been deprived of bar silver supplies, in the course of the second half-year, had recourse to the next best thing—sycee.

Gold Bar Market Reflects Smuggling

[Finance and Commerce, December 31, 1930]

In May, 1930, the authorities forbade the export of gold from China, in order to conserve the yellow metal in the country. * * * The result of the embargo has been wide speculation and extensive smuggling of gold. Owing to this

artificial measure there was, at times, a deviation from parity up to 60 taels a bar, while on other occasions the disparity was reduced to only 14 taels. On silver values the restriction failed to exert any influence, except perhaps a harmful one. Under these conditions it is plausible that it would be best to rectify the mistaken measure by reinstituting the free movement of gold from and into China.

CHEFOO

CURRENCY

The paper money in use (1930) at Chefoo is that issued by the Bank of Communications (about 1,000,000 Yuan dollars) and the Bank of China (about 500,000 Yuan dollars), issued in denominations of 1, 5, and 10 dollars, and small amounts of 10, 20, 30 and 50 cent paper money issued by money changers. Silver is also used.

Imports into and exports from Chefoo of silver during 1930

Chinese ports	Imports		Exports, coin
	Coin	Bullion	
Antung		$17,750	
Tientsin	$31,167		
Lungkow	35,842	3,226	
Shanghai	408,281	8,275	$7,158
Total	475,290	29,251	7,158

FOOCHOW

Domestic silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Mexican dollars	[1] *U. S. dollars*
20 cents	1,200,000	240,000	73,022
10 cents	600,000	60,000	18,256
Total	1,800,000	300,000	91,278

[1] Conversion rate, 1 Mexican dollar = $0.30426, at the 1930 average price of silver in London, $0.38724 per fine ounce.

Approximate stock of silver coin and paper money used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Mexican dollars	*Mexican dollars*	*Mexican dollars*
Silver coin	6,000,000	2,800,000	8,800,000
United States equivalent	$1,825,560	$851,928	$2,677,488
Notes of banks of issue		[1] 5,000,000	5,000,000

[1] Equivalent to 5,112,065 Yuan dollars.

Quotations on gold in 1930: Highest, 0.36875; lowest, 0.245; average, 0.2996.

Imports into and exports from Foochow of silver during 1930

[In U. S. dollars]

Countries	Imports		Exports, silver bullion
	Silver coin	Silver bullion	
Shanghai	973,919	58,089	
Amoy	133,827	1,206	
Chinese ports			1,449
Total	1,107,746	59,295	1,449

HARBIN (MANCHURIA)

Bank notes in circulation on December 31, 1930

Bank of issue:	Harbin or Ta Yang dollars
Bank of the Three Eastern Provinces	15,000,000
Bank of Communications	8,000,000
Bank of China	5,000,000
Kuang Hsin Bank	3,000,000
Frontier Bank	7,000,000
Total	[1] 38,000,000

No silver is in circulation.

HONG KONG COLONY

The total import of United States gold coin during the last 9 months of 1930 was approximately 261,072 Hong Kong dollars ($78,854).

Approximate stock of silver and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	Held abroad	In circulation
	Hong Kong dollars	*Hong Kong dollars*	*Hong Kong dollars*
Silver coin	46,650,000	[a] 8,700,000	
Silver bullion	54,000,000		
Total silver	100,650,000	8,700,000	
United States equivalent[b]	$30,400,326	$2,627,748	
Notes of banks of issue			[c] 131,405,863

[a] Earmarked.
[b] Conversion rate, 1 Hong Kong dollar=$0.30204, at the 1930 average price of silver in London, $0.38724 per fine ounce.
[c] Equivalent to 133,370,381 Yuan dollars.

[1] Equivalent to $7,220,000 United States currency, at the current rate of exchange of gold, 19 cents to the Harbin dollar, or to 24,259,417 Yuan dollars.

Revised total values of imports into and exports from Hong Kong of treasure from April to December, 1930

[In Hong Kong dollars]

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin
British Empire:								
Burma					407,463	184,137		
Canada			1,420,996			81,099		
India			11,601,776	5,152,800	3,988,440	334,897	382,500	
Straits Settlements and Federated Malay States	70,341				3,523,461	1,422,808		57,395
Great Britain			20,180,020	8,000,000		174,812		
Belgium	1,000							
China:								
North			9,266,874	19,068,973	971,450	1,500	157,650	55,658
Middle				339,850				174,000
South	51,138	167		454,095	33		36,299,317	3,620,607
French Indo-China	2,000			296,000	33,152		1,374,543	985,400
Japan					1,956,475	423,300		
Kwang Chow Wan				172,448				984,259
Macao	2,128			10,960				166,740
Philippines						74,766		
Siam					925,750			3,691,965
United States		815,850	62,115,447		25,913,790	4,689,584		
Total	126,607	816,017	104,585,113	33,493,126	37,720,014	7,386,903	38,214,010	9,736,024
United States equivalent	$38,240	$246,470	$31,588,887	$10,116,868	$11,392,953	$2,231,140	$11,542,160	$2,940,669

The domestic silver coinage executed at the royal mint, London, during 1930 consisted of 10,401,032 Hong Kong dollars ($3,141,528).

SHANGHAI

Silver stock on January 1, 1931

[From Samuel Montagu & Co. Data in Year Book of the American Bureau of Metal Statistics, New York, 1930]

The silver stock on January 1, 1931, consisted of 92,400,000 ounces in Sycee, 153,000,000 Mexican dollars, and 2,760 bars. (Total, 214,929,000 fine ounces, computed by American Bureau of Metal Statistics, and valued at $83,229,106, at the 1930 price of silver in London, $0.38724 per fine ounce.)

SHANTUNG (TSINAN)

The amount of domestic silver coin withdrawn from monetary use for industrial purposes during 1930 was 20,000 Yuan dollars ($5,952).

Estimated quantity of gold and silver, in the shape of old jewelry, plate, etc., used for industrial purposes, during 1930 was as follows: Gold, 100,000 Yuan dollars ($29,759); silver, 500,000 Yuan dollars ($148,795).

Approximate stock of silver coin and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home bank	Held abroad	In circulation
	Yuan dollars	*Yuan dollars*	*Yuan dollars*
Silver coin	6,000,000	3,000,000	30,000,000
United States equivalent [1]	$1,785,540	$892,770	$8,927,700
Notes of banks of issue	5,000,000		20,000,000

[1] Conversion rate, 1 Yuan dollar=$0.29759 at the 1930 price of silver in London, $0.38724 per fine ounce.

Imports of silver coin from Shanghai and Tientsin during 1930, 10,000,000 Yuan dollars ($2,975,900).

SWATOW

Approximate stock of silver coin and paper money used for monetary purposes on December 31, 1930

Character of stock	In home bank	In circulation	Total used for monetary purposes
	Mexican dollars	*Mexican dollars*	*Mexican dollars*
Silver coin	3,000,000	4,000,000	7,000,000
United States equivalent [1]	$912,780	$1,217,040	$2,129,820
Government notes		400,000	400,000
Notes of banks of issue		5,000,000	5,000,000
Total notes		[2] 5,400,000	5,400,000

[1] Conversion rate, 1 Mexican dollar=$0.30426 at the 1930 average price of silver in London, $0.38724 per fine ounce.
[2] Equivalent to 5,521,030 Yuan dollars.

Imports into and exports from Swatow of gold and silver during 1930

Countries	Imports, silver coin	Exports		
		Gold bullion	Silver	
			Coin	Bullion
	Mexican dollars	*Mexican dollars*	*Mexican dollars*	*Mexican dollars*
Hong Kong	952,015		461,074	
Chinese ports	17,967,755	532,496	869,992	448,019
Total	18,919,770	532,496	1,331,066	448,019
United States equivalent	$5,756,529	$162,017	$404,990	$136,314

Approximate stock of silver coin and paper money used for monetary purposes on December 31, 1929

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Mexican dollars	*Mexican dollars*	*Mexican dollars*
Silver coin	500,000	800,000	1,300,000
United States equivalent [1]	$210,690	$337,104	$547,794
Government notes		400,000	400,000
Notes of banks of issue		4,500,000	4,500,000
Total notes		4,900,000	[2] 4,900,000

[1] Conversion rate, 1 Mexican dollar=$0.42138, at the 1929 average price of silver in London, $0.53631 per fine ounce.
[2] Equivalent to 5,009,855 Yuan dollars.

Imports into and exports from Swatow of gold and silver during 1929

[In Mexican dollars]

Countries	Imports		Exports, silver	
	Gold bullion	Silver coin	Coin	Bullion
Hong Kong and Macao	36, 551	824, 501	271, 528	
Chinese ports	28, 197	6, 318, 216		216, 334
Total	64, 748	7, 142, 717	271, 528	216, 334
United States equivalent	$27, 283	$3, 009, 798	$114, 416	$91, 159

YUNNAN

The domestic silver coinage executed in home mints during the year ended December 31, 1930, consisted of 1,780,000 Yunnan half dollars, having a face value of 890,000 Yunnan dollars ($189,743).

Estimated quantity of silver used in the industrial arts during 1930: New bullion, $255,255; old jewelry, plate, etc., $50,000; total, $305,255, United States currency.

Approximate stock of silver coin and government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
	Yunnan dollars	*Yunnan dollars*	*Yunnan dollars*	*Yunnan dollars*
Silver coin	5, 000, 000	1, 000, 000	4, 000, 000	10, 000, 000
United States equivalent [1]	$1, 061, 000	$213, 200	$852, 800	$2, 132, 000
Government notes [2]	20, 000, 000		[3] 80, 000, 000	100, 000, 000

[1] Conversion rate, 1 Yunnan dollar = $0.2132, at the 1930 average price of silver in London, $0.38724 per fine ounce.
[2] Of which 2,000,000 is held as reserve.
[3] Equivalent to 57,313,680 Yuan dollars.

The actual currency consists of Yunnan silver half dollars and Yunnan paper dollars.

Imports of silver bullion from Tonkin during 1930, $255,255.

Exports of silver coin to Tonkin, Indo-China, during 1930, $163,410.

CYPRUS ISLAND

Approximate stock of gold and silver coin, also of Government notes used for monetary purposes on December 31, 1930

Character of stock	In circulation	Total used for monetary purposes
Gold coin	£60, 000	£60, 000
United States equivalent	$291, 990	$291, 990
Silver coin	£147, 500	£147, 500
United States equivalent	$717, 809	$717, 809
Government notes	£411, 206	£411, 206

Imports into and exports from Cyprus Island of gold and silver during 1930

Countries	Imports				Exports	
	Gold		Silver		Gold coin	Silver coin
	Coin	Bullion	Coin	Bullion		
Great Britain			£57	£708	£309	£29
Palestine			38		25	
Sudan			1			
Belgium			4			
Egypt	£538				14	216
Germany		£9		69		
Greece	179					
Switzerland			2			
Syria	367					
Turkey	71					
Total	1,155	9	102	777	348	245
United States equivalent	$5,620	$44	$496	$3,781	$1,693	$1,192

FEDERATED MALAY STATES

Production of gold during 1930

Source of production	Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*
From deep mines	24,012	101,979	496,281
From placer mining	5,585	23,719	115,428
Total	29,597	125,698	611,709

Approximate stock of silver coin and government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Total used for monetary purposes
	Straits dollars	*Straits dollars*	*Straits dollars*
Silver coin	25,868	488,522	514,390
United States equivalent	$14,688	$277,383	$292,071
Government notes	266,681	5,139,100	5,405,781

Imports into and exports from Federated Malay States of gold and silver during 1930

Countries	Imports			Exports	
	Gold bullion	Silver		Gold bullion	Silver coin
		Bullion	Coin		
	Straits dollars	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*
Singapore	2,000		125,500	809,395	131,000
Great Britain		1,901			
Rangoon (Burma)			3,960		
Penang				54,612	
Total	2,000	1,901	129,460	864,007	131,000
United States equivalent	$1,136	$1,079	$73,507	$490,583	$74,382

FRENCH INDO-CHINA

Domestic silver coin executed at the Paris Mint for French Indo-China during 1929

Denomination	Pieces	Value	
		Piasters	[1] *U. S. dollars*
1 piaster	4,000,000	4,000,000	1,675,960
20/100 piaster	643,750	128,750	53,945
10/100 piaster	1,228,434	122,843	51,470
Total	5,872,184	4,251,593	1,781,375

[1] Conversion rate, 1 piaster = $0.41899, at the 1929 average price of silver in London, $0.53631 per fine ounce.

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1929 was 216,413 piasters ($90,677).

Imports of gold and silver bullion during 1929: Gold from Hong Kong, 28,390,000 francs ($1,112,888); silver, 810,000 francs ($31,752).

Imports into and exports from French Indo-China of gold and silver during 1929 and 1930

1929

Countries	Imports				Exports	
	Gold		Silver		Gold bullion	Silver coin
	Coin	Bullion	Coin	Bullion		
	Francs	*Francs*	*Francs*	*Francs*	*Francs*	*Francs*
Hong Kong	2,684,810	28,760,200	1,711,840	514,280	68,000	
Singapore	50,200	38,000				
China		101,320	11,667,000	294,055		1,205,600
India		2,185,000				
Siam		57,000				
France			1,693,611			2,220,576
Belgium				1,380		
Total	2,735,010	31,141,520	15,072,451	809,715	68,000	3,426,176
United States equivalent	$107,212	$1,220,748	$590,840	$31,741	$2,686	$134,306

1930

France		2,400	37,305,568	1,500		61,122,445
Hong Kong		617,975	17,399,300	982,713		
Siam		87,000	100,000	1,000		
India		801,070				
China				218,713		286,000,000
Yunnan			5,250,000			
Kwang Chow Wan						40,000
Total		1,508,445	60,054,868	1,203,926		347,162,445
United States equivalent		$59,131	$2,354,151	$47,194		$13,608,768

Metallic stock and note circulation of the Bank of Indo-China on December 31, 1930

[From L'Economiste Europeén, Paris, April 3, 1931, and Supplément Colonial, April 17, 1931]

Items	Francs	United States dollars
Metallic stock	185,300,000	7,263,760
Note circulation	1,255,649,875	

Domestic silver coinage executed at the Paris mint during 1930

[From Bulletin de Statistique, Paris, February, 1931]

Denomination	Pieces	Value	
		Piasters	*U. S. dollars*
20/100 piaster (0.680 fine)	5, 576, 331	1, 115, 266	435, 961
10/100 piaster (0.680 fine)	6, 607, 520	660, 752	258, 883
Total	12, 183, 851	1, 776, 018	693, 844

Currency Stabilized on a Gold Basis

[From bullion letter of Samuel Montague & Co., London, January 22, 1930]

The anticipated stabilization upon a gold basis of the currency of Indo-China has now become effective. An official announcement gives the rate of stabilization as 10 francs to the piaster. The gold contents of the latter will thus be approximately equal to 9.09737 grains of fine gold (=$0.39179).

Decree of May 31, 1930, Fixes the Monetary Standard of Indo-China

[From Bulletin de Statistique, Paris, June, 1930]

Art. 1. The piaster, the monetary unit of the Indo-Chinese Union, is constituted by 655 milligrams of gold of a fineness of nine hundred-thousandths, or the equivalent of 10 francs, according to the definition of the law of June 25, 1928.

Art. 2. The Banque de l'Indochine is required to assure to the bearer and at sight the convertibility into gold of its notes. It assures this convertibility by exchanging its notes against gold at the rate of 655 milligrams of gold, of a fineness of nine hundred-thousandths fine, per piaster, either at Saigon or at Paris, at its choice, with deduction, in the latter case, of the cost of transportation and insurance from Saigon to Paris. The bank has the faculty of making these exchanges only for minimum quantities, which will be fixed by agreement between the Minister of the Colonies, on the one part, and the Banque de l'Indochine on the other part, the bank is required to buy gold at the wickets of its branch at Saigon on the basis of 1 piaster per 655 milligrams of gold, of a fineness of nine hundred-thousandths, and without retaining interest. It has the faculty of retaining from the vendor the cost of coinage at the rate charged by the Paris Mint. The cost of assay will be for the account of the vendor.

Art. 3. For the Saigon branch, the cumulated amount of bearer notes in circulation and of the current credit accounts must always be represented at least one-third by a reserve of gold bullion or currencies exchangeable at sight for gold coins or bullion.

Art. 4. Metallic piasters continue unlimited legal tender. The bank will accept, without limit, at its wickets in Indo-China, the metallic piasters presented to it. It will deliver them to the general Government, whose account will be debited with an equivalent amount in piasters.

Art. 5. All provisions contrary to the present decree are abrogated.

Laws Affecting the Currency

[From Supplement Colonial De L'Economiste Europeĕn, Paris, September 19, 1930]

By decree of August 12, 1930, the weight of the piaster was reduced from 27 to 20 grams, and its legal tender quality was made unlimited.

A future decree of the governor general will fix the date for the retirement of the present piaster by the public treasuries.

JAPAN, INCLUDING CHOSEN, TAIWAN, KARAFUTO, AND KWANTUNG

The domestic silver coinage executed in home mints during the year ended December 31, 1929, consisted of 12,568,000 50-sen pieces, having a face value of 6,284,000 yen ($3,132,574).

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1929 was 3,140,000 yen ($1,565,290).

Estimated quantity of gold and silver used in the industrial arts during 1929, exclusive of Japan proper, for which there are no official data

Material used	Gold		Silver	
	Quantity	Value	Quantity	Value
Chosen:	*Momme*	*Yen*	*Momme*	*Yen*
Coin	129,473	688,300	62,889	248,666
Bullion	1,976		1,459,106	
Foil			16,154	
Total	131,449	688,300	1,538,149	248,666
United States equivalent	[1] 17,417	$343,117	[1] 203,804	$123,960
Taiwan, bullion	280,290	1,457,508	639,627	121,529
United States equivalent	[1] 37,138	$726,568	[1] 84,751	$60,582
Kwantung:				
Bullion	35,860	195,878	224,477	35,789
Coin	322	1,793	2,304	3,110
Total	36,182	197,671	226,781	38,899
United States equivalent	[1] 4,794	$98,539	[1] 30,048	$19,391

[1] Ounces, troy (1 momme=0.1325 ounce).

The amount of gold in the form of old plate, jewelry, etc., returned from industry to monetary use during 1929 was 63,319 yen ($31,564).

The total import of United States gold coin and bullion during 1929 was as follows: Coin, melted at mints, 7,011,765 yen ($3,495,365); bullion, 460,398 yen ($229,508).

Production of gold and silver during 1929

Source of production	Gold		Silver	
	Quantity	Value	Quantity	Value
	Momme	*Yen*	*Momme*	*Yen*
Japan proper, total production	2,779,285	14,764,627	42,827,915	6,139,329
United States equivalent	[1] 368,255	$7,360,167	[1] 5,674,699	$3,060,455
Chosen:				
From placer mining	6,027	27,938	282	34
From dry or silicious ores—				
Pure	656,067	3,411,656	453,627	59,793
Impure	684,900	2,263,844		
Total	1,346,994	5,703,438	453,909	59,827
United States equivalent	[1] 178,477	$2,843,164	[1] 60,143	$29,824
Taiwan, from gold ores	120,816	625,422	97,842	12,997
United States equivalent	[1] 16,008	$311,773	[1] 12,964	$6,476

[1] Ounces, troy.

Total stock of gold and silver coins used for monetary purposes and notes in circulation on December 31, 1929: Gold coins, 963,488,884 yen ($480,299,209); silver coins, 451,319,314 yen ($224,982,678); Government notes, 12,085,360 yen; notes of banks of issue, 1,759,343,235 yen; total notes, 1,771,428,595 yen.

Premium on gold in 1929: Highest, 14.50 per cent; lowest, 2.23 per cent; average, 8.74 per cent.

Imports and exports of gold and silver during 1929

Countries	Imports				Exports		
	Gold		Silver		Gold bullion	Silver	
	Coin	Bullion	Coin	Bullion		Coin	Bullion
Japan:	*Yen*	*Yen*	*Yen*	*Yen*	*Yen*	*Yen*	*Yen*
China			36,095	25,693		6,000	3,484,559
Kwantung			21,000				
Asiatic Russia		2,030					
United States		460,398		68,245			
Brazil			200				
Chosen		84,970	69,605	91,722			
Taiwan	42						
Kwantung		143,150	15,784,377	6,997,368	28,971	98,501	97,150
Total	42	690,548	15,911,277	7,183,028	28,971	104,501	3,581,709
United States equivalent	$21	$344,238	$7,931,772	$3,580,739	$14,442	$52,094	$1,785,482

GOLD EMBARGO REMOVED

The embargo on gold exports was removed January 11, 1930.

Metallic stock and note circulation of the Bank of Japan on December 31, 1930

[From Bank's balance sheet in Federal Reserve Bulletin, July, 1931]

Items	Yen	U. S. dollars
Gold bullion	605,269,000	301,726,596
Gold coin	220,750,000	110,043,875
Total gold	826,019,000	411,770,471
Silver bullion	86,000	42,871
Subsidiary coin	51,556,000	25,700,666
Note circulation	1,436,296,000	

COMMENT ON GOLD MOVEMENTS AND GOLD STOCKS SINCE EMBARGO REMOVAL

[From Foreign Financial News, U. S. Department of Commerce, February 20, 1931]

According to the Japan Financial and Economic Monthly for September, 1930, there was an efflux of specie totaling 217,000,000 yen between the removal, of the gold embargo on January 11, 1930, and July 31, 1930. The outflow occurred principally in the first few months, being greatly decreased in June and July. As to the amount of gold remaining in Japan, statistics are apparently lacking. When the embargo was removed the Bank of Japan had 1,073,333,000 yen. This declined to 867,503,000 yen on June 11 and thereafter increased to 882,429,000 on August 1. Actually, the number of notes presented for conversion into gold exceeded the net loss of gold by 35,000,000 yen. This difference is explained by transfers of Government gold to the bank, by purchases of newly mined Japanese gold, and by imports from China.

Production of gold and silver in Chosen in 1930

[Courtesy U. S. Bureau of Mines]

Items	Gold				Silver			
	Quantity		Value		Quantity		Value	
	Momme	*Ounces*	*Yen*	*U. S. dollars*	*Momme*	*Ounces*	*Yen*	*U. S. dollars*
Bullion	1,567,034	188,930	6,207,644	3,094,511	570,284	68,756	58,207	29,016
Alluvial	82,686	9,969	411,012	204,889				
Total	1,649,720	198,899	6,618,656	3,299,400	570,284	68,756	58,207	29,016

KWANTUNG LEASED TERRITORY

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 109 fine kilos (3,504 ounces), valued at 145,045 yen ($72,305); silver, 1,151 fine kilos (37,005 ounces), valued at 36,921 yen ($18,405).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation [1]
	Gold yen	*Gold yen*
Gold coin	91,356	----------
Gold bullion	309,000	----------
Total gold	400,356	----------
United States equivalent	$199,577	----------
Silver coin:		
Japanese	46,246	----------
Small coin silver dollar	[2] 59,369	2,000,000
Total silver	105,615	2,000,000
United States equivalent	$52,649	$997,000
Government gold yen notes	1,615,448	----------
Yokahama Specie Bank silver yen notes	[3] 7,801	10,000,000
Total notes [4]	1,623,249	----------

[1] Estimated.
[2] Equivalent to 126,042 small coin silver dollars.
[3] Equivalent to 15,223 silver yen.
[4] Of which, 874,002 gold yen is held as reserve.

Imports and exports of gold and silver during 1930

Countries	Imports		Exports		
	Silver		Gold bullion	Silver	
	Coin	Bullion		Coin	Bullion
	Haikwan taels	*Haikwan taels*	*Haikwan taels*	*Haikwan taels*	*Haikwan taels*
Chinese ports	4,739,334	302,000	72,682	10,743	463,102
Japan	22,240	----------	----------	24,729	----------
Total	4,761,574	302,000	72,682	35,472	463,102
United States equivalent [1]	$2,224,893	$141,112	$33,961	$16,575	$216,389

[1] Conversion rate, 1 Haikwan tael=$0.46726, at the 1930 price of silver in London, $0.38724 per fine ounce.

NOTE.—The foregoing imports and exports of treasure are transit shipments to and from the interior and have no relation to the monetary system of the Kwantung Leased Territory.

NETHERLAND EAST INDIES

Domestic silver coinage executed in Netherlands for Netherland East Indies during the year ended December 31, 1930

Denomination	Pieces	Value	
		Florins	*U. S. dollars*
2½ florins	14,000,000	35,000,000	14,070,000
1 florin	1,000,000	1,000,000	402,000
½ florin	11,800,000	5,900,000	2,371,800
Total	26,800,000	41,900,000	16,843,800

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 25,000,000 florins ($10,050,000).

The total import of United States gold coin during 1930 was 600.5 fine kilos (19,306 ounces), valued at 898,105 florins ($361,038).

The quantity of gold and silver produced from deep mines during 1930 was as follows: Gold, 3,435,884 florins ($1,381,225); silver, 23,377,142 florins ($9,397,611).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In Bank of Java	In circulation
	Florins	*Florins*
Gold coin	123,793,000	
Gold bullion	14,756,000	
Total gold	138,549,000	
United States equivalent	$55,696,698	
Silver coin	40,375,000	371,075,000
Silver bullion	126,000	
Total silver	40,501,000	371,075,000
United States equivalent	$16,281,402	$149,172,150
Government notes		13,414,000
Notes of banks of issue		253,659,000
Total notes		267,073,000

Gold is maintained at par.

Imports into and exports from Netherland East Indies of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Ore and bullion	Coin	Ore and bullion
	Florins	*Florins*	*Florins*	*Florins*	*Florins*	*Florins*	*Florins*	*Florins*
Netherlands			30,050,000	174		340,640	[1]24,110,000	142,360
Great Britain	243,042			9,670		768,780		736,140
United States:								
Atlantic coast				237				
Pacific coast						3,801,480		838,900
Arabia			36,317					
Aden			1,164			2,940		
British India			5,800			84,000		
Penang	400	1,925	1,722					[2] 10,000
Singapore	1,352,318	283,871	364,478	371,680	245,395	[2] 216,100	3,026	[2] 116,370
China		2,625		85,160				
Australia	264,000							
Total	[3] 2,154,260	288,421	30,459,481	466,921	332,335	5,127,000	24,113,026	1,843,770
United States equivalent	$866,012	$115,945	$12,244,711	$187,702	$133,599	$2,061,054	$9,693,436	$741,195

[1] Government exports.
[2] Bullion.
[3] Items short of total by 294,500 florins.

Production of gold and silver in 1930

[Courtesy, U. S. Bureau of Mines]

Items	Quantity		Value	
	Kilos	*Ounces*	*Florins*	*U. S. dollars*
Gold	3,435	110,435	5,679,450	2,283,139
Silver	65,140	2,094,251	2,017,070	810,862

PALESTINE

Silver coin and notes in stock and in circulation on December 31, 1930

Character of stock	In stock	In circulation
	Palestine pounds	*Palestine pounds*
Silver coin	112,500	242,500
United States equivalent	$547,481	$1,180,126
Notes	824,098	1,959,060

Silver coin and notes in stock and in circulation on December 31, 1929

Character of stock	In stock	In circulation
	Palestine pounds	*Palestine pounds*
Silver coin	155,500	199,500
United States equivalent	$756,741	$970,867
Notes [1]	803,005	1,880,020

[1] Secured by British currency and securities of an equivalent amount held in London.

PERSIA

Persia's Foreign Currency Law Begins to Function

[From Vice Consul Henry S. Villard, Teheran. In Commerce Reports, April 28, 1930]

In pursuance of the provisions of the emergency law of February 25, 1930, controlling foreign currency transactions in Persia, the Council of Ministers designated as banks authorized to deal in foreign exchange the Imperial Bank of Persia, the National Bank of Persia, the Russo-Persian Bank, and the Ottoman Bank. The National Bank of Persia has been named as the Government's representative in the purchase of foreign exchange.

* * * * * * *

As the law now stands, in urgent cases drafts may be purchased from authorized banks for the importation of any goods up to 2,000 krans in value, but beyond that sum a written permit must be obtained from the inspection commission. If the goods to be imported are among those restricted or prohibited, permission either is withheld altogether or is granted upon convincing proof that an urgent necessity exists for the goods in question.

* * * * * * *

The representative of the ministry of economics will be named later. Already the commission has produced an improvement in foreign-exchange quotations, having arbitrarily fixed the buying rate for the dollar at 12.66 krans and the selling rate at 12.76½. The corresponding rates for the pound sterling are now 61.50 and 62.

* * * * * * *

At the moment interest centers in the uncertainties in regard to the position of the Imperial Bank of Persia. If, as seems probable, the gold standard is adopted and a new form of currency is issued, the present paper notes of the bank will have to be modified or discarded. It is estimated that the Imperial Bank has in circulation approximately 19,000,000 tomans of bank notes, secured by 15,000,000 tomans in silver. Under the terms of the concession held by the bank, the latter is authorized to issue toman notes or "any other form of currency that may be adopted," but among the provisions (dating from January, 1879) is one which binds the bank to adopt the gold standard within 10 years. In view of the bank's failure to do this, an important question that will have to be decided in this connection is whether gold will be substituted for the bank's present reserve of 15,000,000 tomans in silver.

Persia Adopts the Gold Standard

[From Commerce Reports, May 12, 1930]

The first step in the process of changing Persia's monetary system from the silver to a gold standard took place on March 18, 1930, when the Medjliss passed a law establishing the gold "reyal," containing 100 dinars, as the legal monetary unit. The same measure provides that beginning on March 21, 1930, the date on which the law becomes effective, the customs administration shall collect all duties on a gold basis. (See Commerce Reports, April 28, 1930, p. 255.)

The new money will consist of gold pieces in denominations of 1 pahlavi and one-half pahlavi, equivalent to 20 and 10 reyals, respectively; silver pieces in denominations of one-half reyal, 1 reyal, 2 reyals, and 5 reyals; nickel pieces in denominations of dinars, 10 dinars, and 25 dinars; and copper pieces of 1 dinar and 2 dinars. It is probable that 1 pahlavi will be worth £1, or approximately $5, thus making the reyal equal to about $0.25.

DESCRIPTION OF NEW CURRENCY

Specifications for the new currency stipulate that 1 reyal shall be equivalent in value of 0.3661191 grams of pure gold and that it shall contain 4.5 grams of pure silver; the Imperial Mint is obligated to coin from 1 kilo of silver, 222.222 one-reyal pieces.

The 20-reyal piece, or 1 pahlavi, will contain 7.322382 grams of pure gold and the mint is to convert 1 kilo of pure gold into 136.5675 one-pahlavi pieces. Similarly, the 10-reyal piece, or one-half pahlavi, must contain 3.661191 grams of pure gold; 273.135 of these pieces are to be made from 1 kilo of gold.

Pure silver to the amount of 2.25 grams is to be contained in the half reyal, 444.444 pieces of which shall be converted by the mint from 1 kilo of pure silver. In the 2-reyal pieces there are to be 9 grams of pure silver, and 111.111 of these pieces will be coined from 1 kilo thereof. The 5-reyal pieces, containing 22.5 grams, will be coined on the basis of 44.444 pieces to each kilo of pure silver.

Both the gold and silver coins are to contain nine-tenths of pure metal and one-tenth of copper. Provision is made for infinitesimal variations in weight.

Gold pieces are to carry on one side the name and profile of His Imperial Majesty the Shah and on the other the national coat of arms, the monetary value, and the year of coinage. Silver, nickel, and copper pieces will bear on one side the coat of arms; on the reverse the monetary value in prominently displayed figures and the year of coinage.

According to the provisions of the law, free coinage of gold is permitted, but the expense incurred must not surpass 10 reyals per kilo of gold. All coinage must take place at the Imperial Mint, and the right of coinage for silver, nickel, and copper pieces belongs exclusively to the Government. There is no obligation to accept as legal tender copper money above the sum of 2 reyals.

GOVERNMENT CONTROL OF CURRENCY

Tending to concentrate in Government hands even further the control of the currency, the National Bank of Persia is granted the sole right to purchase gold for the state at the established figure of 2,721.35 reyals per kilo. The National Bank, moreover, is made the official depositary for the proposed reserve consisting of gold bullion, specie, or drafts on countries where gold circulates freely. A monthly statement giving the condition of the reserve and the number of reyals issued, and signed by the director of the National Bank, by the Government inspector attached thereto, by the Treasurer General, and by a supervisor designated by the Medjliss, is to be published.

All duties and taxes accruing to the state—such as customs duties; revenue from the tea, sugar, tobacco, and opium monopolies; road taxes; and fees collected by Persian diplomatic and consular representatives abroad—are henceforth to be on a gold basis. As previously reported, the importation of gold is unrestricted, but its exportation, together with the import and export of silver, is prohibited.

A separate law embracing the details of abandoning the silver standard is contemplated, but coinage of the first reyal is expected to take place within six months.

PHILIPPINE ISLANDS

The total import of United States gold bullion during 1930 was 1,357 ounces, valued at 39,188 pesos ($19,594).

Production of gold and silver during 1930

Source of production	Gold		Silver	
	Quantity	Value	Quantity	Value
	Kilos, fine	*Pesos*	*Kilos, fine*	*Pesos*
From deep mines	5,562	7,393,145	3,431	85,775
From placer mining	12	16,453		
Total	5,574	7,409,598	3,431	85,775
United States equivalent	[1] 179,204	$3,704,799	[1] 110,307	$42,888

[1] Ounces, troy.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home Government treasuries	In home bank	Held abroad	In circulation	Total used for monetary purposes
	Pesos	*Pesos*	*Pesos*	*Pesos*	*Pesos*
Gold coin (United States)	6,039,215	719,871	[1] 155,094,382		161,853,468
Gold bullion		53,820			53,820
Total gold	6,039,215	773,691	155,094,382		161,907,288
United States equivalent	$3,019,608	$386,846	$77,547,191		$80,953,644
Silver coin:					
United States coin	483,484	1,671			485,155
Philippine	19,748,115	424,450		17,347,033	37,519,598
Total silver	20,231,599	426,121		17,347,033	38,004,753
United States equivalent	$10,115,799	$213,060		$8,673,517	$19,002,377
United States notes	1,178,765	708,840			1,887,605
Government notes	100,328,822	4,264,805		97,922,396	202,516,023
Notes of banks of issues	72,737,132	1,017,568		16,827,103	90,581,803
Total notes [2]	174,244,719	5,991,213		114,749,499	294,985,431

[1] Representing gold credits on deposit with various banks in the United States subject to withdrawal by order of the treasurer of the Philippines Islands.
[2] Of which 146,689,124 pesos is held as reserve (73,951,992 pesos in Treasury certificates, 68,975,812 pesos in Philippine National Bank notes, and 3,761,320 pesos in Bank of Philippine Islands notes).

The actual currency consists of Treasury certificates and bank notes convertible at par on demand.

Premium on gold in 1930: Highest, 1⅛ per cent; lowest, ½ per cent; average, ⅞ per cent.

Exports of gold bullion and ore to the United States during 1930: Bullion, 7,461,282 pesos ($3,730,641); ore, 8,200 pesos ($4,100).

SARAWAK

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was 12,686 Straits dollars ($7,203).

The quantity of gold produced from dry or silicious ore during 1930 was 56.6 fine kilos (1,820 ounces), valued at 62,982 Straits dollars ($35,761).

The amount of notes and coins in circulation on December 31, 1930, was 2,152,536 Straits dollars ($1,222,210).

Imports of gold bullion and silver coin from Singapore during 1930: Gold bullion, 2,795 Straits dollars ($1,587); silver coin, 2,150 Straits dollars ($1,221).

Exports of gold bullion and silver coin to Singapore during 1930: Gold bullion, 127,420 Straits dollars ($72,349); silver coin, 435,161 Straits dollars ($247,084).

SIAM

Approximate stock of silver and Government notes used for monetary purposes on December 31, 1930

Character of stock	In home Government treasuries	In circulation	Total used for monetary purposes
	Baht	*Baht*	*Baht*
Silver coin	84, 183, 925	[1] 77,224, 915	161, 408, 840
Silver bullion	110, 036		110, 036
Total silver	84, 293, 961	77, 224, 915	161, 518, 876
United States equivalent	$37, 291, 648	$34, 164, 302	$71, 455, 950
Government notes	18, 203, 422	99, 314, 948	117, 518, 370

[1] No allowance has been made for coins melted down for industrial use or exported, the amount of which is unknown.

Imports into and exports from Siam of gold and silver during 1930

Countries	Imports		Exports, silver coin
	Gold bullion	Silver coin	
	Baht	*Baht*	*Baht*
Singapore	172, 555		329, 142
Hong Kong		4, 213, 996	
China		10, 475	1, 046
Indo-China		33, 628	2, 487
Great Britain		4	
India			77, 750
Penang			640, 101
Total	172, 555	4, 258, 103	1, 050, 526
United States equivalent	$76, 338	$1, 883, 785	$464, 753

Silver reserve and note circulation on December 31, 1930

[From monthly bulletin of League of Nations, February, 1931]

Items	Baht	U. S. dollars
Silver	52, 000, 000	23, 004, 800
Notes	118, 000, 000	

STRAITS SETTLEMENTS

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold	Silver
	Straits dollars	*Straits dollars*
New bullion	3, 694, 811	1, 126, 410
Domestic coin		
Foreign coin	4, 053, 211	958, 526
Total	7, 748, 211	2, 084, 936
United States equivalent	$4, 399, 434	$1, 183, 827

The total import of United States gold coin during 1930 was 179,250 Straits dollars ($101,778).

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	Held abroad[1]	In circulation	Total used for monetary purposes
	Straits dollars	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*
Gold coin	2,813,580	2,970	628,542	----------	3,445,092
United States equivalent	$1,597,551	$1,686	$356,886	----------	$1,956,123
Silver coin	22,039,771	672,482	----------	15,494,395	38,206,648
United States equivalent	$12,514,182	$381,835	----------	$8,797,717	$21,693,734
Government notes	414,241	23,564,377	----------	82,423,391	106,402,009
Notes of bank of issue	----------	----------	----------	137,981	137,981
Total notes	414,241	23,564,377	----------	82,561,372	106,539,990

[1] Understood to be deposits or credits abroad.

Imports into and exports from Straits Settlements of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin
	Straits dollars	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*	*Straits dollars*
Great Britain	----------	184,648	54,207	708	5,229,871	2,400	----------	----------
British North Borneo	----------	----------	----------	10,000	----------	----------	----------	2,000
Brunei	----------	----------	----------	570,000	2,150	515	----------	4,800
Sarawak	57,300	----------	----------	43,088	4,735,075	383,455	22,000	453,369
British India and Burma	18,500	9,725	----------	----------	511,642	25,000	----------	----------
Hong Kong	3,287,291	2,444,235	----------	----------	----------	----------	----------	----------
Union of South Africa	----------	1,115,725	----------	770	----------	----------	----------	----------
Other British possessions	----------	----------	----------	----------	----------	----------	----------	----------
United States	----------	179,250	----------	----------	----------	64,625	----------	----------
China	4,200	----------	990,053	----------	----------	----------	----------	----------
Dutch Borneo	131,464	----------	----------	----------	12,088	5,500	2,670	3,613
Java	152,360	115,588	82,150	2,238	137,909	909,062	249,730	112,385
Sumatra	----------	4,050	----------	1,955	74,674	166,855	----------	27,565
Other Dutch islands	----------	----------	----------	----------	----------	----------	----------	781
Siam	43,696	----------	----------	329,767	131,400	----------	----------	----------
France	----------	----------	----------	----------	----------	----------	60	----------
Netherlands	----------	----------	----------	----------	2,000	----------	----------	----------
French India	----------	----------	----------	----------	----------	----------	258,157	----------
Bali and Lonbok	----------	----------	----------	----------	----------	8,650	----------	----------
Celebes and Moluccas	----------	----------	----------	----------	----------	----------	10,360	----------
Total	3,694,811	4,053,221	1,126,410	958,526	10,836,809	1,566,062	542,977	604,513
United States equivalent	$2,097,914	$2,301,419	$639,576	$544,251	$6,153,140	$889,210	$308,302	$343,242

SYRIA AND GREAT LEBANON

Approximate stock of silver coin and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
	Leban-Syrian pounds	*Leban-Syrian pounds*	*Leban-Syrian pounds*
Silver coin	156,000	1,250,000	1,250,000
United States equivalent	$123,084	$986,250	$986,250
Notes of bank of issue	----------	11,700,000	11,700,000

Silver coinage executed at the Paris mint during 1930

[From Bulletin de Statistique, Paris, February, 1931]

	Pieces	Value	
		Piasters	*U. S. dollars*
Great Lebanon:			
50 piasters	500,064	25,003,200	196,025
25 piasters	600,064	15,001,600	117,612
10 piasters	880,064	8,800,640	68,997
Syria:			
50 piasters	880,064	44,003,200	344,985
25 piasters	1,000,064	25,001,600	196,012
10 piasters	1,000,064	10,000,640	78,450
Total	4,860,384	127,810,880	1,002,037

TURKEY

Paper circulation on December 31, 1930, 158,748,563 Turkish pounds.

Quotations on gold in 1930: Highest, 960 paper piasters to 100 gold piasters; lowest, 895; average, 916¾.

Imports of gold and siver bullion during 1930: Gold, 370 Turkish pounds ($1,627); silver, 158 Turkislh pounds ($695).

AFRICA

ALGERIA

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold		Silver	
	Quantity	Value	Quantity	Value
	Kilos, fine	*Francs*	*Kilos, fine*	*Francs*
New bullion	840	14,280,000	29,760	10,416,000
Domestic coin			240	84,000
Total	840	14,280,000	30,000	10,500,000
United States equivalent	[1] 27,006	$559,776	[1] 964,500	$411,600

[1] Ounces, troy.

Approximate stock of gold and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	Held abroad	In circulation	Total used for monetary purposes
	Francs	*Francs*	*Francs*	*Francs*
Gold	206,566,550	[1] 481,840,232		688,406,782
United States equivalent	$8,097,409	$18,888,137		$26,985,546
Notes of banks of issue [2]			1,996,346,740	2,400,000,000

[1] Unearmarked.

[2] Of which 403,653,260 francs is held as reserve.

Imports of silver bullion during 1930: From England, 213,744 francs ($8,379); from France, 113,880 francs ($4,464).

Exports of silver bullion during 1930: To Tunis, 102,054 francs ($4,000); to Morocco, 26,280 francs ($1,030).

Metallic stock and note circulation of the Bank of Algeria on December 31, 1930

[From Bulletin de Statistique, Paris, January, 1931]

Items	Francs	U. S. dollars
Gold	206,600,000	8,098,720
Silver	[1] 17,400,000	682,080
Notes	1,996,300,000	

[1] Understood to be earmarked—probably for French account.

BECHUANALAND

Production of gold and silver in 1930

[Courtesy U. S. Bureau of Mines]

Items	Ounces, fine	Value	
		Pounds sterling	*U. S. dollars*
Gold	1,997	8,391	40,835
Silver	360	22	107

BELGIAN CONGO

The quantity of gold produced in Belgian Congo during 1930 was 6,093 kilos (195,890 ounces), valued at 128,926,000 francs ($3,584,143).

Gold reserve and note circulation of the Bank of Belgian Congo on December 31, 1930: Gold, 41,026,659 francs ($1,140,541); notes, 182,802,578 francs.

BRITISH EAST AFRICA

KENYA AND UGANDA

Stock of silver coin and note circulation on June 30, 1930

[From annual report of the East African Currency Board]

Silver coin:	
In circulation—	
Shilling currency	£2,875,555
Florin currency	6,034
Rupee currency	16,688
Total	2,898,277
In currency strong room	193,000
Total silver	3,091,277
United States equivalent	$15,043,699
Note circulation:	
Shilling currency	£1,572,017
Florin and rupee currency	13,659
Total notes	1,585,676

Production of gold and silver in Kenya Colony in 1930

Items	Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*
Gold	1,789	7,490	36,450
Silver	155	12	58

BRITISH WEST AFRICA

GAMBIA

The west African Currency Board notes in circulation on December 31, 1930, amounted to £208,000.

GOLD COAST

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was £125,525 ($610,867).

The quantity of gold produced from deep mines during 1930 was 240,899 fine ounces, valued at £1,023,341 ($4,980,089).

Approximate stock of silver coin and government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
Silver coin		£300,000	£300,000
United States equivalent		$1,459,950	$1,459,950
Government notes	[1] £151,250	£550,000	£701,250

[1] Of which, £151,000 is held as reserve.

Imports into and exports from Gold Coast of gold and silver during 1930

Countries	Imports			Exports	
	Gold bullion	Silver		Gold bullion	Silver coin
		Coin	Bullion		
Great Britain	£3,758		£28	£1,056,452	£125,525
Ivory Coast	1	9			
France		48,610			
Canary Islands		26			
Liberia		115			
French Togoland		50			
Total	3,759	48,810	28	1,056,452	125,525
United States equivalent	$18,293	$237,534	$136	$5,141,224	$610,867

Production (exportation) of gold in Gold Coast and Ashanti during 1930

Items	Quantity	Value
	Ounces	*Pounds sterling*
Gold Coast	104,533	385,536
Ashanti	167,555	669,798
Total	272,088	1,055,634
United States equivalent		$5,137,243

NIGERIA

The amount of domestic silver coin withdrawn from monetary use and melted in England during 1930 was £145,691 ($709,005).

The quantity of gold produced from deep mines during 1930 was 260 ounces, valued at £1,089 ($5,300).

Approximate stock of silver coin and Government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasury	In circulation	Total used for monetary purposes
	Pounds sterling	*Pounds sterling*	*Pounds sterling*
Silver coin	[1] 48,000	62,615	110,615
United States equivalent	$233,592	$304,716	$538,308
Government notes	[2] 268,147	171,138	439,285

[1] Held by currency board to be shipped to England for melting.
[2] Held as reserve stock for placing in circulation as needed.

The actual currency consists of silver coins, alloy coins, nickel-bronze coins and currency notes.

Imports of silver coin during 1930, £1,417 ($6,896).

Exports of silver coin to Great Britain during 1930, £145,691 ($709,005).

SIERRA LEONE

The amount of domestic silver coin withdrawn from monetary use during 1930 and shipped to the West African Currency Board, London, was £22,800 ($110,956).

The quantity of gold and silver produced from placer mining during 1930 was as follows: Gold, 714 ounces, valued at £3,026 ($14,726); silver, 200 ounces, valued at £14 ($66).

Approximate stock of silver coin and West African Currency Board notes used for monetary purposes on December 31, 1930

Character of stock	Held by currency board	In home bank	In circulation	Total used for monetary purposes
Silver coin	£2,500	----------	[2] £7,500	£10,000
United States equivalent	$12,166	----------	$35,499	$48,665
West African Currency Board notes	[1] £225,000	[2] £20,000	[2] £80,000	£325,000

[1] Held as reserve. [2] Estimated.

Imports into and exports from Sierre Leone of gold and silver during 1930

Countries	Imports silver		Exports	
	Coin	Bullion	Gold bullion	Silver coin
Great Britain	----------	£72	£1,617	£22,800
French Guinea	£5,241	----------	----------	----------
Liberia	2,157	----------	----------	----------
Ivory Coast	1,530	----------	----------	----------
Gambia	----------	----------	----------	4,400
Total	8,928	72	1,617	27,200
United States equivalent	$43,448	$837	$7,869	$132,369

EGYPT

Domestic gold coinage executed at the Royal Mint, London, for Egypt during the year ended December 31, 1930

Denomination	Pieces	Value	
		Egyptian pounds	*U. S. dollars*
1 pound	6,000	6,000	29,659
½ pound	10,000	5,000	24,715
⅛ pound	30,000	6,000	29,659
Total	46,000	17,000	84,033

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was £E105,600 ($521,991).

The estimated quantity of gold and silver, in the shape of new bullion and old jewelry, plate, etc., used in the industrial arts during 1930 was as follows: Gold, 5,037,284 dirhem (505,292 ounces), valued at £E1,812,886 ($8,961,277); silver, 16,226,394 dirhem (1,627,675 ounces), valued at £E102,092 ($504,651).

The quantity of gold produced during 1930 was 17 fine kilos (546 ounces), valued at £E2,186 ($10,806).

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In National Bank of Egypt	In circulation	Total used for monetary purposes
	Egyptian pounds	*Egyptian pounds*	*Egyptian pounds*
Gold coin and bullion	[1] 4,069,922		4,069,922
United States equivalent	$20,118,031		$20,118,031
Silver coin		4,741,000	4,741,000
United States equivalent		$23,435,237	$23,435,237
Notes of banks of issue		20,973,000	20,973,000

[1] Including £E3,339,570 ($16,507,829) held as reserve against note issue. Part of which is held abroad, per League of Nations bulletin.

Imports into and exports from Egypt of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
	Egyptian pounds	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*
Great Britain	18,950		297	103,231			1,543	
British Mediterranean Possessions			2					
British India			1	14	302	234,134		
Aden				626				
Australia							83	
Abyssinia				4				
Arabia	65,992	1,922	11,913	20				
Belgium			13					
Eritrea			3,950					
France		14	81	14,914		487,828	10	
Algeria			13					
Germany		44	106			40,423		
Greece	845	19,852		219				
Hungary			100,000					
Mesopotamia		2,536						
Palestine	13,230	73,463	170	4,968			122	406
Rhodesia		880		28				
Syria	37,609	96,556		15,276		25		904
Tripoli				20				
Turkey	1,064	6,217						
Dutch East Indies	24						45	
Ceylon							12	
Austria						47,912		96
Italy					12			
Total	137,715	201,484	116,546	139,320	314	810,322	1,815	1,466
United States equivalent	$680,739	$995,956	$576,098	$688,673	$1,552	$4,005,503	$8,962	$7,247

Gold reserve and note circulation of the National Bank on December 31, 1930

[From The Economist, London, March 21, 1931]

Items	Egyptian pounds	U. S. dollars
Gold	[1] 3, 339, 570	16, 507, 828
Notes	22, 100, 000	

[1] Exclusive of gold held in banking department, which amounted to £E1,201,694 (including silver coin), according to Banking Supplement of March 9, 1931.

Domestic silver coinage executed in Hungary for Egypt during 1930

Denomination	Pieces	Value	
		Egyptian pounds	*U. S. dollars*
20 piasters	50, 000	10, 000	49, 431
10 piasters	400, 000	40, 000	197, 724
5 piasters	800, 000	40, 000	197, 724
2 piasters	500, 000	10, 000	49, 431
Total	1, 750, 000	100, 000	494, 310

ETHIOPIA (ABYSSINIA)

The amount of British sovereigns withdrawn from monetary use for industrial purposes during 1930 was possibly £100 ($487).

Approximate stock of silver coin and bank notes used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
	Maria Theresia thalers	*Maria Theresia thalers*	*Maria Theresia thalers*
Silver coin	6, 000, 000	35, 000, 000	51, 000, 000
United States equivalent [1]	$1, 747, 140	$10, 191, 650	$14, 850, 690
Notes of banks of issue	210, 000	800, 000	1, 000, 000

[1] Conversion rate, 1 Maria Theresia thaler=$0.29119, at the 1930 price of silver in London, $0.38724 per fine ounce.

Estimated imports of silver coin from Vienna via Trieste during 1930, 2,000,000 Maria Theresia thalers ($582,380).

FRENCH EQUATORIAL AFRICA

The quantity of gold produced from placer mining during 1930 was 60 kilos (1,929 ounces), valued at 1,000,000 francs ($39,179).

Notes of banks of issue used for monetary purposes on December 31, 1930: In home Government treasuries, 20,278,075 francs; in home banks, 3,000,000 francs; in circulation, 80,000,000 francs; total, 103,278,075 francs.

FRENCH WEST AFRICA

SENEGAL, FRENCH SUDAN, FRENCH GUINEA, IVORY COAST, DAHOMEY, UPPER VOLTA, MAURITANIA, AND NIGER

The amount of notes of the Bank of French West Africa in circulation on December 31, 1930, was 370,129,490 francs.

The exports of gold from French West Africa during 1930 were 200,749 grams, valued at 2,861,658 francs ($112,177). The exports from French Guinea amounted to 193,358 grams, valued at 2,762,342 francs ($108,284); Ivory Coast exported 5,693 grams, valued at 68,316 francs ($2,678); exports from Senegal (produced in the French Sudan) were 1,698 grams, valued at 31,000 francs ($1,215). The entire exports went to France.

MADAGASCAR

Estimated quantity of gold and silver used in the industrial arts during 1930

Material used	Gold		Silver	
	Quantity	Value	Quantity	Value
	Kilos, fine	*Francs*	*Kilos, fine*	*Francs*
Gold dust	99	1,633,423	94	46,798
Old jewelry, plate, etc.	8			
Gold dust imported from France	36	606,557		
Total	143	2,239,980	94	46,978
United States equivalent	[1] 4,597	$87,807	[1] 3,022	$1,834

[1] Ounces.

he quantity of gold produced from placer mining during 1930 was 224.8 fine kilos (7,227 ounces), valued at 3,720,528 francs ($145,845).

Notes of the Bank of Madagascar used for monetary purposes on December 31, 1930: In home Government treasuries, 30,372,510 francs; in home banks, 1,524,340 francs; in circulation, 237,406,075 francs.

Price of gold in 1930: Highest, 16.70 francs per gram; lowest, 16.50; average, 16.60.

Imports of gold and silver bullion from France during 1930: Gold, 608,437 francs ($23,851); silver, 7,816 francs ($306).

Exports of gold dust to France during 1930, 1,490,927 francs ($58,444).

MOROCCO

FRENCH, SPANISH, AND INTERNATIONAL ZONES

The estimated amount of gold and silver coins withdrawn from monetary use and used for industrial purposes during 1930 was as follows: Gold (British), £20,000 ($97,330); domestic silver, 80,000 rials ($22,410).

Approximate stock of gold and silver also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In state bank	In circulation	Total used for monetary purposes
	Francs	*Francs*	*Francs*
Gold coin	65,106,846		65,106,846
United States equivalent	$32,552,188		$32,552,188
Silver coin	[2] 26,183,772	[2] 15,000,000	
United States equivalent	$1,029,404	$820,155	
State Bank notes:			
Moroccan francs notes		581,421,495	581,421,495
Hassani notes		[3] 76,247	76,247
Total notes		581,497,742	581,497,742

[1] Including nickel and copper.

[2] Of which 10,000,000 Hassani or native pesetas ($560,260) now demonetized in the French zone and 5,000,000 Spanish pesetas ($259,895), both still in current use by the natives in the Spanish and International zones.

[3] Outstanding, but have disappeared from circulation.

Imports of gold coin from Great Britain during 1930, £20,000 ($97,330).

NYASALAND

The amount of domestic silver coin withdrawn from monetary use for recoinage during 1930 was £3,206 ($15,602).

Approximate stock of gold and silver coin used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
Gold coin	£46,391	£9,527	£55,918
United States equivalent	$225,762	$46,363	$272,125
Silver coin	£150,527	£176,943	£327,470
United States equivalent	$732,540	$861,093	$1,593,633

Imports into and exports from Nyasaland of gold and silver coin during 1930

Countries	Imports		Exports	
	Gold coin	Silver coin	Gold coin	Silver coin
Great Britain		£1,800		£3,740
South Africa		10,700	£5,760	108
Portuguese East Africa	£350	5,391		9,041
Northern Rhodesia		1,500		
Southern Rhodesia				7,406
Tanganyika			181	11,103
New Zealand			71	26
France			105	11
Italy			28	6
Germany			50	5
Total	350	19,091	6,195	31,446
United States equivalent	$1,703	$92,906	$30,148	$153,032

Imports into and exports from Nyasaland of gold and silver coin during 1929 (revised figures)

Countries	Imports		Exports	
	Gold coin	Silver coin	Gold coin	Silver coin
South Africa		£24,550	£936	£1,138
Portuguese East Africa	£930	6,800	634	27,662
Great Britain		2,102	4,408	4,238
Southern Rhodesia			216	8,082
Northern Rhodesia			20	6,202
Tanganyika			27	3
India			714	97
Italy			60	5
Kenya			119	15
Total	930	33,452	7,134	47,442
United States equivalent	$4,526	$162,794	$34,718	$230,876

PORTUGUESE EAST AFRICA

Production of gold and silver during 1930

Source of production	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
From deep mines	159	665	3,236	36	3	15
From placer mining	17	72	350	2		
Total	176	737	3,586	38	3	15

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In government treasuries	In banks	In circulation	Total used for monetary purposes
Gold coin	£141,577	£30,000	£100,000	£271,577
United States equivalent	$688,984	$145,995	$486,650	$1,321,629
Silver coin		£1,000	£2,000	£3,000
United States equivalent		$4,866	$9,733	$14,599
Notes of banks of issue:				
Pound sterling notes	97,427		713,331	810,758
Escudo notes	97,885		700,438	798,323
Portuguese sterling			16,170	16,170
Total notes	195,312		1,429,939	1,625,251

Imports of gold during 1930: Coin, £89,729 ($436,666), bullion, £4 ($20).

Exports of gold and silver during 1930: Gold coin, £586,500 ($2,854,202); gold bullion £630 ($3,066); silver coin, £1,200 ($5,840).

REUNION ISLAND

Metallic stock and note circulation of the Reunion Bank on December 31, 1929, and on June 30, 1930

[From Supplément Colonial de l'Economisté Européen, Paris, Jan. 16, 1931]

Character of stock	December, 1929	June, 1930
Metallic stock:	*Francs*	*Francs*
In the colony	10,869,494	10,670,239
In the Bank of France	2,181,211	4,948,426
Total	13,050,705	15,618,665
United States equivalent	$511,588	$612,252
Notes in circulation	46,690,015	43,000,240

RHODESIA, NORTHERN

The quantity of gold and silver produced from deep mines during 1930 was as follows: Gold, 7,513 fine ounces, valued at £31,903 ($155,256); silver, 637 fine ounces, valued at £46 ($224.).

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home banks	In circulation	Total used for monetary purposes
Gold coin	£2,662	£12,000	£6,000	£20,662
United States equivalent	$12,955	$58,398	$29,199	$100,552
Silver coin	£16,415	£52,012	£150,000	£218,427
United States equivalent	$79,884	$253,116	$729,975	$1,062,975
Notes of banks of issue	£3,392	£131,103	£100,000	£234,495

Imports into and exports from Northern Rhodesia of gold and silver coin during 1930

Countries	Imports		Exports	
	Gold coin	Silver coin	Gold coin	Silver coin
Nyasaland		£11,200		£2,300
Southern Rhodesia	£500	6,966	£14,405	800
Union of South Africa	1,900	1,650	100	
Belgian Congo				3,150
Total	2,400	19,816	14,505	6,250
United States equivalent	$11,680	$96,435	$70,570	$30,416

RHODESIA, SOUTHERN

Gold and silver production during 1930: Gold, 547,630 fine ounces, valued at £2,316,649 ($11,273,972); silver, 72,720 fine ounces, valued at £4,895 ($23,821).

Approximate stock of gold and silver coin, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home banks	In circulation	Total used for monetary purposes
Gold coin	£130,622		£130,622
United States equivalent	$635,672		$635,672
Silver coin	£50,000	[1] £450,000	£500,000
United States equivalent	$243,325	$2,189,925	$2,433,250
Notes of banks of issue	[2]	£902,771	£902,771

[1] Including £250,000 to £300,000 held by the natives. [2] Unknown.

Imports into and exports from Southern Rhodesia of gold and silver during 1930

Countries	Imports		Exports					
			Gold			Silver		
	Gold coin	Silver coin	Coin	Bullion	Ore	Coin	Bullion	Concentrates
Union of South Africa	£29,700	£9,810	£9,301	£1,196,762	[1] £792	£10,283	£3,802	
Northern Rhodesia	12,150	400	1,500			4,866		
Nyasaland	4,000							
Southwest Africa	500							£140
Portuguese East Africa			40,000			92		
Bechuanaland						350		
Belgian Congo				959,479	[2] 66,995		2,751	1,570
Great Britain								
Total	46,350	10,210	50,801	2,156,241	67,787	15,591	6,553	1,710
United States equivalent	$225,562	$49,687	$247,223	$10,493,347	$329,885	$75,874	$31,890	$8,322

[1] Gold concentrates. [2] Gold contained in antimony ore.

SOMALILAND, BRITISH

Approximate stock of silver coin and Indian Government notes used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In circulation	Total used for monetary purposes
	Rupees	*Rupees*	*Rupees*
Silver coin	128,029	971,971	1,100,000
United States equivalent	$46,731	$354,768	$401,499
Indian Government note	11,779	488,221	500,000

Imports of silver coin from Aden during 1930, 5,653 rupees ($2,063).
Exports of silver coin to Aden during 1930, 63,680 rupees ($23,243).

SOMALILAND, FRENCH

The estimated quantity of gold and silver used in the industrial arts during 1930 was as follows: Gold, 1 kilo (32 ounces); silver, 10 kilos (321 ounces).

Imports into and exports from French Somaliland of gold and silver during 1930

Countries	Imports, silver coin	Exports	
		Gold coin	Silver coin
	Francs	*Francs*	*Francs*
Abyssinia	39,791,808		
Aden	121,265		38,218,766
France		$37,000	820,630
Arabia			855,935
Total	39,913,073	$37,000	39,895,331
United States equivalent	$1,564,592	$32,810	$1,563,897

SOUTHWEST AFRICA

The quantity of alluvial gold produced during 1930 was 222 ounces, valued at £832 ($4,049).

Approximate stock of gold and silver coins in home banks on December 31, 1930: Gold coin, £15,525 ($75,552); silver and copper coins, £26,657 ($129,726).

Approximate imports of gold and silver coins from Union of South Africa during 1930: Gold £5,000 ($24,333); silver, £10,000 ($48,665).

SUDAN, ANGLO-EGYPTIAN

The quantity of gold produced from placer mining during 1930 was 1,171 ounces, valued at £E. 3,990 ($19,723).

Approximate stock of gold and silver coins, also of bank notes, used for monetary purposes on December 31, 1930

Character of stock	In home government treasuries	In home bank	In circulation	Total used for monetary purposes
	Egyptian pounds	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*
Gold coin	8,706	5,625	[1]	[1]
United States equivalent	$43,035	$27,805		
Silver coin	630,037	12,738	1,144,316	1,787,091
United States equivalent	$3,114,336	$62,965	$5,656,468	$8,833,769
Notes of banks of issue	59,800	67,622	[1]	[1]

[1] Unknown.

Imports into and exports from Anglo-Egyptian Sudan of gold and silver during 1930

Countries	Imports		Exports, gold	
	Gold coin	Silver coin	Coin	Bullion
	Egyptian pounds	*Egyptian pounds*	*Egyptian pounds*	*Egyptian pounds*
Arabia	22,705	6,805		
Egypt			16,049	
Eritrea	43	12,998		
India		2,674		
Italy		2,072		
Abyssinia		3,942		
Great Britain				4,396
Total	22,748	28,491	16,049	4,396
United States equivalent	$112,446	$140,834	$79,332	$22,718

SWAZILAND

The amount of gold coin exported from Swaziland to the Union of South Africa during 1930 was £9,929 ($48,319).

TANGANYIKA TERRITORY

The amount of defaced shilling coins withdrawn from circulation during 1930 was 2,371 shillings ($577).

Production of gold and silver during 1930 [1]

Source of production	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces fine	*Pounds sterling*	*U. S. dollars*	*Ounces fine*	*Pounds sterling*	*U. S. dollars*
From deep mines	3,362	14,245	69,323	633	47	229
From placer mining	7,710	32,672	158,998	645	49	238
Total	11,072	46,917	228,321	1,278	96	467

[1] Exports, approximated production.

Approximate stock of silver coin and government notes used for monetary purposes on December 31, 1930

Character of stock	In circulation	In stock
	Shillings	*Shillings*
Silver coin	11,159,901	18,532,505
United States equivalent	$2,715,483	$4,509,421
Government notes	26,020,760	11,937,900

Imports of silver coin from Great Britain during 1930, £78,900 ($383,967).

TUNIS

Imports of gold and silver bullion from France during 1930: Gold, 15 kilos (482 ounces), valued at 236,000 francs ($9,251); silver, 2,871 kilos (92,303 ounces), valued at 1,321,000 francs ($51,783).

Gold and silver coinage executed at the Paris mint during 1930

[From Bulletin de Statisque, Paris, February, 1931]

Denominations	Pieces	Value	
		Francs	*U. S. dollars*
Gold, 100 francs	3,000	300,000	11,760
Silver:			
20 francs	20,000	400,000	15,680
10 francs	60,000	600,000	23,520
Total silver	80,000	1,000,000	39,200

UNION OF SOUTH AFRICA

Domestic gold and silver coinage executed in home mints during the year ended December 31, 1930

Denomination	Pieces	Value	
		Pounds sterling	*U. S. dollars*
Gold, sovereign	10,020,594	10,020,594	48,765,221
Silver (0.800 fine):			
Half-crown	323,640	40,455	196,874
Florin	266,990	26,699	129,931
Shilling	421,520	21,076	102,566
Sixpence	448,160	11,204	54,524
Threepence	981,280	12,266	59,692
Total silver	2,441,590	111,700	543,587

Gold and silver coin withdrawn from monetary use for recoinage during 1930

Item	Gold	Silver
British coin	£27,996	£80,128
Kruger coin	17,931	188
Total	45,927	80,316
United States equivalent	$223,504	$390,858

The amount of gold and silver, in the shape of dental scrap and old jewelry, returned from industry to monetary use during 1930 was as follows: Gold, 45 fine ounces, valued at £192 ($934); silver, 52 fine ounces, valued at £4 ($19).

Production of gold and silver during 1930

Source of production	Gold			Silver [1]		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
From deep mines	10,715,925	45,518,357	221,515,084	1,050,038	83,414	405,934
From placer mining	426	1,809	8,803			
Total	10,716,351	45,520,166	221,523,887	1,050,038	83,414	405,934

[1] Contained in gold bullion.

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1930

Character of stock	In home banks	Held abroad	In circulation	Total used for monetary purposes
Gold coin	£3,820,958	£731,461	£7,051,581	£11,604,000
Gold bullion	3,178,639	16,682		3,195,321
Total gold	6,999,597	748,143	7,051,581	14,799,321
United States equivalent	$34,063,539	$3,640,838	$34,316,519	$72,020,896
Silver coin	£738,445	£336,347	£2,109,208	£3,184,000
United States equivalent	$3,593,643	$1,636,833	$10,264,461	$15,494,937
Reserve bank notes	£1,916,471	£17,341	£6,877,541	£8,811,353
Notes of other banks of issue			157,161	157,161
Total notes	1,916,471	17,341	7,034,702	8,968,514

Imports into and exports from Union of South Africa of gold and silver during 1930

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
Great Britain	£77	£533	£3,030	£29	£5,880,508	[1] £34,528,305		[2] £4,291
Belgian Congo	13							
United States		13						
South West Africa	452				13,200		£7,600	
Southern Rhodesia	9,301	[3] 1,197,424	8,219	[4] 3,798	29,700		8,290	
Northern Rhodesia	100				1,900		1,650	
India					3,762,100	1,364,528		64,761
Ceylon					534,000			
Straits Settlements					116,500			
Mauritius					500			
Zanzibar					11,520			
Tanganyika					800			
Belgium						1,131	20,000	
Dutch East Indies					50,000			[5] 497
Portuguese East Africa					7,000			
Argentina					20,000			
Total	9,943	1,197,970	11,249	3,827	10,427,728	[6] 35,893,964	37,540	[7] 69,549
United States equivalent	$48,388	$5,829,921	$54,743	$18,624	$50,746,538	$174,677,976	$182,688	$338,460

[1] Including £6,718 ($32,693) in ore and concentrates.
[2] Including £3,104 ($15,106) in ore and concentrates.
[3] Locally refined and subsequently exported to Great Britain.
[4] Locally refined and subsequently exported to India.
[5] Smelted gold and silver contained in crucibles.
[6] Exclusive of £3,602 ($17,529) gold contained in lead bars and exported to United States.
[7] Exclusive of £52 ($253) silver contained in lead bars and exported to United States.

Metallic stock and note circulation of the South African Reserve Bank on January 2, 1931

[From the bank's statement]

Items	Pounds sterling	U. S. dollars
Gold coin and bullion	[1] 6,716,856	32,687,580
Subsidiary coin	166,587	810,696
Note circulation	8,811,352	

[1] Of which £300,000 held outside the Union ($1,459,950).

Metallic stock and note circulation of the Standard Bank of South Africa on December, 31, 1930

[From the Monthly Review of the bank, February, 1931]

Items	Pounds sterling	U. S. dollars
Coin and bullion:		
In the Union	1,222,649	5,950,021
Outside the Union	1,646,979	8,015,023
Note circulation (outside the Union)	1,417,967	

Financial Adjustment Act, 1930

Be it enacted by the King's Most Excellent Majesty, the Senate and the House of Assembly of the Union of South Africa, as follows:

1. (1) The Minister of Finance may, out of the moneys accounted for and paid over to him in terms of section 3 of the Pretoria mint act, 1919 (Act No. 45 of 1919), pay to any other State such portion of the profit derived from the manufacture, in the Pretoria branch of the royal mint, of silver and copper coin issued therefrom for use in such State, as may be agreed upon between the said minister and the government of such State.

(2) The payment during the financial year ended on the 21st day of March, 1930, by the Government of the Union, of the sum of £25,849, to the Government of Southern Rhodesia, as representing half of the profit on silver and copper coin manufactured at the Pretoria branch of the royal mint and issued therefrom prior to the 1st day of January, 1930, for use in Southern Rhodesia, is hereby validated.

2. (1) Notwithstanding anything contained in section 3 of the Pretoria mint act, 1919 (Act No. 45 of 1919), there shall be established a fund entitled the "Coinage fund," into which shall be paid annually one-half of the profit derived from the manufacture, at the Pretoria branch of the royal mint, of silver and copper coin issued for use in the Union and such portion of the profit on the manufacture of such coin issued for use in other States, as is not paid over to those States in terms of section 1.

(2) The moneys in the coinage fund shall be applied to meet—

(*a*) The expenses of recoinage of worn silver and copper coin issued by the Pretoria branch of the royal mint;

(*b*) Any deficits that may arise hereafter from the operations of such branch.

(3) The moneys in the coinage fund shall be deemed to be deposits within the meaning of the public debt commissioners act, 1911 (Act No. 18 of 1911).

(4) All withdrawals of moneys from the coinage fund shall be made only on the certificate of the treasury.

16. This act may be cited as the financial adjustments act, 1930.

Banking Supervision

By Banks Proclamation 1930, dated September 12 and effective October 1, 1930, banking was placed under supervision through a licensing, report, and examination system. Establishing, from profits, of a reserve fund of 25 per cent of paid-up capital is provided for; also maintenance of a cash reserve, consisting of gold bullion, gold or subsidiary coin, and bank notes of any other bank authorized to issue notes in the Territory, the cash reserve to amount to at least 10 per cent of the bank's demand deposits in the Territory and 3 per cent of its time deposits (including savings deposits). The circulating notes of a bank are limited to authorized amounts thereof, and the bank must deposit and maintain with the supervising agency securities equal in value to the full amount of such circulating notes. Bank notes are full legal tender (except for the issuing bank) so long as the issuing bank "continues on demand to pay its notes in full at the place at which they are expressed to be payable."

ZANZIBAR PROTECTORATE

Approximate stock of silver coin in home government treasuries and of government notes in circulation on December 31, 1930: Silver coin, 1,204,001 rupees ($439,460); notes, 2,394,815 rupees.

Imports of silver coin during 1930: From Great Britain and Northern Ireland, 1,500 rupees ($547); from France, 1,200 rupees ($438); from Austria, 3,750 rupees ($1,369); total imports, 6,450 rupees ($2,354).

OCEANIA

AUSTRALIA

Domestic gold and silver coinage executed in home mints during the year ended December 31, 1929

Denomination	Pieces	Value	
		Pounds sterling	*U. S. dollars*
Gold, sovereigns	2,043,344	2,043,344	9,943,934
Silver:			
Florins	300,000	30,000	145,995
Sixpences	712,000	17,800	86,624
Threepences	1,536,000	19,200	93,437
Total silver	2,548,000	67,000	326,056

The amount of domestic gold and silver coin withdrawn from monetary use for recoinage during 1929 was as follows: Gold, £14,608 ($71,090); silver, £162,131 ($789,010).

The estimated quantity of new gold and silver bullion used in the industrial arts during 1929 was as follows: Gold, 18,066 fine ounces, valued at £76,737 ($373,441); silver, 10,377 fine ounces, valued at £1,497 ($7,285).

The amount of gold and silver, in the form of old jewelry, etc., returned from industry to monetary use during 1929 was as follows: Gold, 4,602 fine ounces, valued at £19,550 ($95,140); silver, 284 fine ounces, valued at £25 ($122).

The total import of United States gold bullion during 1929 was 408 fine ounces, valued at £1,884 ($9,168).

Gold Control

By act of December 17, 1929, Governmental acquisition of gold held by persons, in exchange for Australian notes, was authorized, and the control of gold export was provided for.

Production of gold and silver during 1929

State	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
South Australia	1,009	4,289	20,872	1,206	131	637
New South Wales	7,496	31,842	154,959	8,455,581	929,866	4,525,193
Queensland	9,476	40,259	195,886	52,663	5,792	28,187
Victoria	26,275	110,609	538,279	910	100	487
West Australia	377,176	1,602,142	7,796,824	49,834	5,509	26,809
Tasmania	5,597	23,772	115,686	864,354	94,560	460,176

Approximate stock of gold and silver, also of paper money, used for monetary purposes, on December 31, 1929

Character of stock	In home banks	In circulation	Total used for monetary purposes
Gold coin and bullion	£22,486,637		
United States equivalent	$109,431,219		
Silver coin and bullion	£2,402,527		
United States equivalent	$11,691,898		
Government notes	£18,146,074	£27,115,152	£45,261,226

Imports into and exports from Australia of gold and silver during 1929

Countries	Imports				Exports			
	Gold		Silver		Gold		Silver	
	Coin	Bullion	Coin	Bullion	Coin	Bullion	Coin	Bullion
Great Britain	£125	£6,558	£6,004	£872	£7,092,684	£20,162	£4,800	£615
New Zealand	15,895	[1] 121,491	12	[2] 250		1,423		
New Hebrides							1,900	
Canada		114						
Fiji		13	1		5,000		975	275
New Guinea		[3] 144,691		4			1,760	34
United States		1,884			1,000,000			
Commonwealth (returned)			17,041					
Austria			631					
Egypt			651					
British Malayn					10,000			
Ceylon					409,250			
Hong Kong					800			
India					2,184,494		5,000	460,407
Dutch East Indies					48,000		100	82
Germany						59		
British Solomons							4,995	
Gilbert Island							405	
Ocean Island							580	
Total	16,020	274,751	24,340	1,126	10,750,228	21,644	20,515	461,413
United States equivalent	$77,961	$1,337,076	$118,451	$5,480	$52,315,985	$105,330	$99,836	$2,245,466

[1] Of which £508 ($2,472) ore. [2] Of which £172 ($837) ore. [3] Of which £2,937 ($14,293) ore.

Metallic stock and note circulation of the Commonwealth Bank on December 31, 1930

[From the bank's balance sheet]

Items	Pounds sterling	U. S. dollars
Issue department:		
Gold coin and bullion	15,385,716	74,874,587
Note circulation	[1] 48,153,426	
Banking department, coin, bullion, cash	1,303,481	6,343,390

[1] Includes £5,890,878 in banking department. Public holds £25,419,692 per Australasian Insurance and Banking Record of Feb. 21, 1931.

Average metallic stock and note circulation of ordinary banks for the quarter ended December 31, 1930

[From Australasian Insurance and Banking Record, February, 1931]

Items	Pounds sterling	U. S. dollars
Gold, silver, and other coin	1,998,806	9,727,189
Gold and silver bullion	143,186	696,815
Note circulation	198,968	

Commonwealth Bank's gold holdings December 31, 1930

[From Federal Reserve Bulletin—July, 1931, p. 394]

Gold stock (including gold in banking department), $75,316,000.

Gold and silver production in 1930

[Courtesy U. S. Bureau of Mines and from annual report of Queensland department of mines]

States	Gold	Silver
	Ounces, fine	*Ounces, fine*
New South Wales	12,500	
Victoria	24,119	
Queensland	7,821	69,808
South Australia	1,311	1,058
Tasmania	4,467	711,619
Western Australia	416,369	46,345

Gold Bounty

[From Samuel Montagu & Co.'s Weekly Bullion Circular, London, April 2, 1930]

The following interesting extract is taken from the Financial News of March 26 last:

"Considerable interest attaches to the announcement that the Government of Australia has agreed to pay (for the next 10 years) a premium (£1 per fine ounce) on gold produced in the Commonwealth (in excess of the average of 1928 to 1930). This is the first time since the period 1921 to 1925 that a gold premium has existed, and the incidence of the bounty is of exceptional interest to Australian gold producers who for some years have been pressing for some such action on the part of the Government. The bounty or premium is the equivalent of the exchange rate, less 25 per cent."

[From the Engineering and Mining Journal, August 10, 1931, p. 131.]

The Australian gold-production bounty to be paid at the end of the year for production in excess of the average for the three years 1828–1930 has been reduced from £1 per ounce to £0.5 per ounce.

NEW GUINEA

Production of gold in 1930

[Courtesy U. S. Bureau of Mines]

Items	Ounces	Value	
		Pounds sterling	*U. S. dollars*
New Guinea, Australian	58,960	128,579	625,730
New Guinea, British (Papua)	3,634	10,632	51,741

NEW ZEALAND

Gold and silver production during 1930

Source of production	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
From deep mines	103,040	433,108	2,107,720	515,263	39,733	193,361
From dry or siliceous ore						
From placer mining	19,492	78,137	380,254			
Total	122,532	511,245	2,487,974	515,263	39,733	193,361

Note.—The gold-silver bullion is generally exported unseparated. Silver content estimated.

Approximate stock of gold and silver, also of paper money, used for monetary purposes on December 31, 1930

Character of stock	In home bank	In circulation	Total used for monetary purposes
Gold coin	£6,846,137	----------	£6,846,137
Gold bullion	15,803	----------	15,803
Total gold	6,861,940	----------	6,861,940
United States equivalent	$33,393,631	----------	$33,393,631
Silver coin	----------	[1] £1,000,000	£1,000,000
United States equivalent	----------	$4,866,500	$4,866,500
Notes of bank of issue	----------	£6,867,517	£6,867,517

[1] Estimated.

The actual currency consists of paper and British silver and copper coins.

Premium on gold in 1930: Highest, £1=$4.64; lowest, £1=$4.77; average, £1=$4.70.

Imports into and exports from New Zealand of gold and silver during 1930

Countries	Imports				Exports		
	Gold		Silver		Gold bullion	Silver	
	Coin	Bullion	Coin	Bullion		Coin	Bullion
Great Britain	£12	£344	£109,900	£366	£19,760	£175	£13
Australia	250,000	612	----------	329	161,793	----------	5,621
Canada	----------	72	----------	----------	----------	----------	----------
United States	----------	915	----------	260	43,353	----------	230
India	----------	----------	----------	----------	325,907	----------	38,670
Total	250,012	1,943	109,900	955	550,813	175	44,534
United States equivalent	$1,216,683	$9,456	$534,828	$4,647	$2,680,531	$852	$216,725

Production of gold and silver during 1929

Source of production	Gold			Silver		
	Quantity	Value		Quantity	Value	
	Ounces, fine	*Pounds sterling*	*U. S. dollars*	*Ounces, fine*	*Pounds sterling*	*U. S. dollars*
From deep mines	97,144	398,786	1,940,692	[1] 451,545	38,501	187,365
From dry or siliceous ores						
From placer mining	22,631	90,053	438,242	----------	----------	----------
Total	119,775	488,839	2,378,934	451,545	38,501	187,365

[1] Estimated content of gold-silver bullion.

The estimated amount of silver coin in circulation on December 31, 1929, was £1,000,000 ($4,866,500).

SOCIETY ISLANDS

Approximate stock of notes of banks of issue used for monetary purposes on December 31, 1930: In home Government treasuries, 141,160 francs; in circulation, 12,501,235 francs; total used for monetary purposes, 12,501,235 francs.

Premium on gold in 1930: Highest, 25.30 francs to the dollar; lowest, 26.15; average, 25.725.

Exports of silver coin to France during 1930, 2,000,000 francs ($78,400).

SUMMARY OF WORLD STATISTICS

COINAGE OF NATIONS

CALENDAR YEAR 1929

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed [1]	Fine ounces consumed
United States	Dollar	40,235,000	$40,235,000	8,590,500	$3,332,712	6,214,153
Philippine Islands	Peso			494,000	127,769	238,237
Austria	Schilling	15,497,450	2,180,492	[2] 13,957,518	1,531,792	2,856,169
Bhutan	Rupee			10,000	1,843	3,437
Brazil	Milreis			3,488,000	120,285	224,283
British Empire:						
Australia	Pound	2,043,344	9,943,934	67,000	120,865	225,364
British India	Rupee			3,027,975	558,227	1,040,866
British North Borneo	Dollar			100,000	17,430	32,500
Canada	do			1,112,847	358,068	667,708
Ceylon	Rupee			250,000	27,654	51,563
Great Britain	Pound			5,520,267	5,382,857	10,036,839
Union of South Africa	do	12,015,506	58,473,460	232,377	362,549	676,006
China:						
Canton	Dollar			37,089,600	8,588,468	16,013,999
Chungking	do			480,000	133,368	248,677
Hong Kong	do			9,792,004	4,096,000	7,637,486
Shanghai	do			83,996,815	34,618,854	64,550,082
Tientsin	do			10,060,367	4,146,328	7,731,216
Yunnan	do			912,653	305,697	570,000
Colombia	Peso	1,663,225	1,560,419			
Czechoslovakia	Crown	[3] 35,537	81,315	64,305,000	776,156	1,447,216
Egypt	Pound	12,000	59,316			
France	Franc			227,605,980	2,668,698	4,976,036
French colonies:						
French Morocco	do			4,200,000	908,694	1,694,344
Indo-China	Piaster			4,251,593	1,755,645	3,273,564
Germany	Reichsmark			78,209,765	3,373,932	6,291,011
Guatemala	Quetzal			300,000	82,765	154,324
Hungary	Pengö			10,000,000	551,768	1,028,823
Italy	Lira			237,016,000	3,412,484	6,362,894
Japan	Yen			6,284,000	839,747	1,565,787
Latvia	Lat			5,000,000	359,943	671,147
Luxemburg	Franc			20,000,000	344,855	643,015
Mexico	Peso	22,900,000	11,415,650			
Netherlands	Florin			47,500,000	5,896,994	10,995,493
Netherland East Indies	do			1,250,000	49,349	92,015
Newfoundland	Dollar			15,000	5,581	10,406
Nicaragua	Cordoba			90,000	31,037	57,871
Persia	Kran	[4] 237,360	40,845	[4] 75,508,000	5,393,662	10,056,986
Peru	Pound	5,398	26,268	153,400	330,630	616,491
Poland	Zloty			76,530,000	3,562,890	6,643,340
Russia	Chervonetz			2,680,000	4,174,467	7,783,683
Sweden	Krone			2,782,358	285,023	531,452
Switzerland	Franc			1,000,000	71,988	134,229
Turkey	Pound	3,000	13,190			
Venezuela	Bolivar			10,000,000	742,301	1,384,089
Total			124,029,889		99,449,465	185,432,803

[1] At the average price of a fine ounce in London, $0.53631.
[2] Includes 2,846,000 trade coins—Maria Theresa thalers.
[3] Ducats.
[4] Year ended Mar. 21, 1930.

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1930 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed [1]	Fine ounces consumed
United States	Dollar	2,440,000	2,440,000	2,658,300	$744,642	1,922,948
Austria	Schilling	7,303,804	1,027,644	5,788,202	721,541	1,863,292
Bhutan	Rupee			15,000	1,997	5,156
Brazil	Milreis			2,480,000	61,752	159,408
British Empire:						
British India	Rupee			1,823,532	242,737	626,839
Canada	Dollar			423,001	98,282	253,801
Great Britain	Pound			1,275,881	898,313	2,319,784
Newfoundland	Dollar			15,000	4,030	10,406
Travancore	Rupee			187,500	24,959	64,453
Union of South Africa	Pound	10,020,594	48,765,221	111,700	125,832	324,946
Bulgaria	Lev			801,400,000	997,747	2,576,561
Chile	Peso			480,000	25,816	66,667
China:						
Canton	Dollar			67,828,000	15,877,347	41,001,310
Foochow	do			300,000	73,021	188,570
Hangchow	do			67,000,000	19,938,340	51,488,327
Hong Kong	do			17,065,897	5,154,519	13,310,917
Yunnan	do			890,000	189,743	489,989
Czechoslovakia	Crown	1,586,739	46,968	101,630,000	885,708	2,287,234
Denmark	Krone	10,191,380	2,731,290	605,280	45,214	116,761
Ecuador	Sucre			677,530	30,371	78,430
Egypt	Pound	17,000	84,033	100,000	145,251	375,092
Estonia	Crown			2,552,910	95,352	246,234
France	Franc			369,861,630	3,131,261	8,086,100
French colonies:						
Indo-China	Piaster			1,776,018	405,907	1,048,361
Tunis	Franc	300,000	11,760	1,000,000	8,466	21,862
Germany	Reichsmark			50,335,095	1,632,630	4,216,068
Greece	Drachma			305,000,000	19,489,936	50,330,380
Hedjaz	Real			500,000	124,284	320,949
Hungary	Pengö			18,250,000	727,083	1,877,603
Irish Free State	Pound			100,000	105,612	272,729
Mexico	Peso	18,580,000	9,262,130	400,000	59,760	154,324
Netherlands	Florin			58,500,000	5,331,176	13,767,110
Netherland East Indies	do					
Nicaragua	Cordoba			20,000	4,999	12,910
Panama	Balboa			300,000	84,038	217,017
Peru	Pound	2,315	11,266			
	Sol	279,200	111,680	1,366,000	212,585	548,974
Poland	Zloty			57,236,000	1,923,996	4,968,485
Switzerland	Franc	55,470,160	10,705,741			
Syria	Piaster			127,810,880	216,410	558,853
Uruguay	Peso	500,000	517,100	500,000	124,500	321,507
Venezuela	Bolivar	5,000,000	965,000	850,000	44,182	114,095
Total			76,679,833		80,009,309	206,614,512

[1] At the average price of a fine ounce in London, $0.38724.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1929 AND 1930

[In so far as reported to the Director of the Mint]

Country	1929		1930 (subject to revision)	
	Gold	Silver [1]	Gold	Silver [1]
		Fine ounces		*Fine ounces*
United States	$27,169,760	2,877,245	$146,900,719	2,108,673
Phillippine Islands	[3] 3,600	[3] 235,770		
Austria	639,933	977,023	346,417	1,165,080
Belgium		[3] 3,435,982		[3] 1,395,180
Brazil	[2] 3,533	[3] 5,180,324		[3] 33,993
British Empire:				
Australia	[3] 71,090	[3] 545,344		
Barbados		[3] 1,702		[3] 1,554
British Guiana		[3] 1,561		
British India		[3] 29,200,281		[3] 39,039,551
Canada		[3] 108,461		[2] 241,119
Ceylon		[3] 4,212		
Gold Coast		[3] 272,934		[3] 422,216
Great Britain	[3] 1,667,696	[2] [3] 38,175,450	[3] 162,667,629	[2] 665,489
Nigeria		[3] 478,664		[3] 490,046
Nyasaland		[3] 3,512		[3] 10,784
Sarawak				[3] 7,421
Sierra Leone		[3] 243,525		[3] 76,690
Union of South Africa	191,536	219,154	223,504	270,151
Tanganyika		[3] 966		[3] 148
West Indies		[6] [3] 5,388		
Chile	123,525		65,518	[3] 99,999
China				[3] 5,379,377
Canton		[3] 764,483		
Shanghai		[3] 576,938		
Shantung		[3] 30,739		[3] 15,639
Danzig [4]		[2] 110		
Denmark	[3] 107,190		[3] 4,862,400	[3] 645,167
Egypt				[3] 396,950
Ethiopia			[3] 487	
Germany	[3] 24	1,888,480		[3] 1,474,297
Hungary				[3] 852,268
Honduras				[3] 464
Indo-China, French		[3] 169,075		
Irish Free State		[3] 1,629,498		[3] 242,025
Italy		[3] 1,555,329		
Japan		[3] 782,395		
Mexico	1,758	[3] 942,970	139,698	[3] 112
Morocco			[3] 97,330	[3] 57,871
Netherlands	[3] 360	[3] 9,804,221		[3] 5,815,687
Netherland East Indies				[3] 7,595,500
Norway		[3] 423,136		
Panama				[3] 194,685
Persia	[3] 4,992	5,421,527		
Peru		[3] 843,957	[3] 3,555	[3] 324,193
Poland		[3] 171,533		[3] 811,486
Sweden	[3] 37	[3] 135,001		[3] 98,994
Switzerland		[3] 129	[3] 1,158	[3] 514
Virgin Islands	[3] 482			
Total	29,985,516	107,107,019	315,308,415	69,933,053

[1] Reported to the Director of the Mint in value only; converted to fine ounces on basis of legal content of the coin and at the average price of silver in London, $0.53631 in 1929, and $0.38724 in 1930.
[2] Foreign coin only.
[3] Domestic coin only.
[4] Since June, 1927.
[5] Including 19,268,598 ounces for 1928.
[6] Including 871 ounces for 1928.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1929 AND 1930

[In so far as reported to the Director of the Mint]

Country	1929		1930 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$56,903,667	42,359,082	$42,689,379	36,343,207
Algeria	499,800	64,300	559,776	964,500
Austria	1,447,543	643,868	1,638,033	769,349
Bolivia			90,387	64,300
British Empire:				
Australia	373,441	10,377		
British Guiana	12,166	600		
British Honduras			500	
Canada	1,306,856	[1] 793,449		
Great Britain	11,375,444	8,500,000	10,341,312	8,500,000
Straits Settlements			4,399,327	[2] 2,212,364
Trinidad	22,304	[2] 39,031		
Chile			65,718	[2] 63,007
China				25,000,000
Amoy	950,904	48,000		
Shantung	41,214	[2] 394,241	29,759	[2] 394,241
Yunnan	10,543	3,276		[2] 788,208
Chosen	343,117	203,804		
Costa Rica			3,000	
Czechoslovakia			1,601,045	717,202
Denmark	2,436,570	1,446,750	1,196,352	1,896,850
Egypt			8,961,277	1,627,675
Estonia	48,838	[2] 66,249	63,138	97,607
Ethiopia (Abyssinia)	[1] 487		487	
Finland	364,871	549,154	285,782	405,090
Germany	[4] 1,429,200		[4] 1,643,580	
Honduras			13,250	[2] 1,607
Hungary	845,718	751,345	667,286	785,392
Iceland	1,984	8,037	1,984	12,860
Kwantung Leased Territory	98,539	30,048	72,305	37,005
Latvia	95,791	183,994	96,128	212,544
Madagascar	149,826		87,807	3,022
Mexico	99,700	48,225	99,700	48,225
Morocco			[2] 97,330	[1] 64,300
Panama			5,200	[2] 5,164
Poland	1,329,220	1,157,400	1,338,322	1,233,788
Portugal	1,553,194	595,611		
Rumania	78,239	44,110		
Somaliland, French			665	321
Sweden	638,954	372,940		
Switzerland	6,465,500	996,650	3,860,000	675,150
Taiwan	726,568	84,751		
Virgin Islands	965	[2] 1,259	1,158	[2] 1,868
Yugoslavia	524,678	147,729	513,743	139,786
Total	90,170,941	59,544,280	80,422,730	83,084,632

[1] Domestic coin.
[2] Reported to the Director of the Mint in value only; converted to fine ounces on basis of legal silver content of the coin and at the average price of silver in London.
[3] Foreign coin.
[4] Gold delivered by the Reichbank.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEARS 1929 AND 1930

The following compilations have been made from such data as are available—see page 132. The amount of gold and silver in circulation in many countries is not obtainable, and in some countries that held by private banks can not be given.

For the United States the figures given cover all domestic gold and silver coin, but only such bullion and foreign coins as owned by the Government and Federal reserve banks. All foreign coin which comes into possession of the Government is converted into bullion.

Population figures are principally from United States Commerce Yearbook, 1930.

Monetary stock of principal countries of the world, end of calendar year 1929

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation, in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated or estimates		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [30]	Total authenticated gold holdings [31]	In banks	Outside banks and government treasuries [32]							
North America:														
United States	Gold	Dollar	$1.00	$3,900,160	$3,915,433	$24,000	$344,490	$4,283,923	$855,498	4,024,525	122,275	$35.03	$7.00	32.91
Canada	do	do	1.00	77,626	[2] 124,478			124,478	[14] [5] 28,638	337,979	9,935	12.53	2.88	34.01
Mexico	do	Peso	.4985	16,974	16,974	7,790		24,764	133,144	2,721	16,404	1.51	8.11	.17
British Honduras	do	Dollar	1.00						[5] 202	501	51		3.96	9.82
Costa Rica	do	Colon	.25			14		14	156	17,572	516	.02	.30	34.05
Cuba	do	Peso	1.00	11,160	12,792		22,027	34,819	[4] 8,631	(7)	3,714	9.34	2.32	
Dominican Republic	do	Dollar	1.00			129		129	284	(8)	1,200	.11	.24	
Guatemala	do	Quetzal	1.00	2,167	2,167	502	221	2,890	1,512	8,361	2,164	1.33	.69	3.84
Haiti	do	Gourde	.20			128		128	16	9,436	2,550	.05	.01	3.77
Honduras	do	Lempira	.50			50	20	70	500	1,200	860	.08	.58	1.40
Newfoundland	do	Dollar	1.00			1,000		[5] 1,000	[6] 2,300	[9] 185	276	3.62	8.33	.67
Nicaragua	do	Cordoba	1.00						529	6,152	750		.71	8.20
Panama	do	Balboa	1.00				[6] 10	10	[10] 175	(11)	467		.37	
Salvador	do	Colon	.50	4,984	4,984			4,984		14,510	1,438	3.47		10.09
Virgin Islands	do	Franc	.193		82		9	91	[4] 93	209	21	4.33	4.43	9.95
British West Indies—														
Barbados	do	Pound	4.8665						1	1	164			
Jamaica	do	do	4.8665						[6] 951	393	994		.96	.40
Trinidad [5]	do	do	4.8665			6	10	16	[4] 1,044	[26] 2,066	397	.03	2.63	5.33

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1929—Continued

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation, in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated or estimates		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [30]	Total authenticated gold holdings [31]	In banks	Outside banks and government treasuries [32]							
North America—Contd.														
Dutch West Indies	Gold	Guilder	$0.402	$1,696	$1,743			$1,743	$278	5,992	68	$25.63	$4.09	88.12
French West Indies—														
Guadeloupe	do	Franc	.0392			$296		296	24	42,457	236	1.25	.10	179.88
Martinique	do	do	.0392			20		20		46,709	228	.09		204.86
South America:														
Argentina	do	Peso [34]	.9648	433,816	444,429			444,429		1,247,000	11,471	38.75		108.71
Bolivia	do	Boliviano	.3650	4,978	4,978			4,978	10	42,526	2,973	1.67		14.34
Brazil	do	Milreis	[35] .5462	150,138	150,138			150,138		3,394,980	40,273	3.72		84.29
Chile	do	Peso	.1217	7,695	7,695	1,460	$122	9,277	[36] 2,813	365,806	4,287	2.16	.65	85.33
Colombia	do	do	.9733	21,774	23,932			23,932	[36] [37] 11,773	47,070	7,851	3.04	1.50	5.45
Ecuador	do	Sucre	.2000	1,114	1,114		22	1,136	[37] 900	29,977	2,533	.44	.35	11.83
Guiana—														
British	do	Dollar	1.0138											
Dutch [6]	do	Guilder	.4020						[37] 205	1,799	310		.66	5.84
French	do	Franc	.0392			86		86	334	1,701	153	.56	2.18	11.11
Paraguay	do	Peso	.9648			93		93	[38] 194	11,272	47	2.00	4.12	239.83
Peru	do	Pound	4.8665	682	682			682		206,250	844	.81		244.37
Uruguay	do	Peso	1.0342	18,668	18,668	[38] 827		19,495	7,970	6,523	6,237	3.12	1.27	1.04
Venezuela	do	Bolivar	.1930	68,205	68,638			68,638	[37] 5,171	71,340	1,903	36.07	2.71	37.48
Europe:						11,923		11,923	[38] 9,000	43,200	3,256	3.66	2.77	13.30
Albania	do	Franc	.1930	374	374		166	540	[38] 61	11,536	834	.64	.07	13.83
Austria	do	Schilling	.1407	23,727	23,727			23,727	[38] 346	1,694,362	6,713	3.53	.05	163.02
Belgium	do	Belga	.1930	[1] 163,332	[1] 163,332			163,332	[38] [39] 283	2,835,000	8,129	20.09	.03	348.75
Bulgaria	do	Lev	.0072	9,997	9,997			9,997	1,224	3,608,643	5,944	1.68	.21	607.11
Czechoslovakia	do	Krone	.0296	[1] 37,249	[1] 37,338			37,338	[1] 1,200	8,229,512	14,726	2.54	.08	565.70
Danzig	do	Gulden	.1947	2	2			2	[40] 1,947	37,797	409		4.76	92.41
Denmark	do	Krone	.2680	46,204	46,204			46,204	1,053	367,456	3,542	13.04	.30	103.74
Estonia	do	Kroon	.2680	[1] 1,717	[1] 1,717			1,717	157	34,042	1,117	1.54	.14	30.53
Finland	do	Mark	.0252	7,608	7,608			7,608	[40] 22	1,360,600	3,634	2.09	.01	374.41

France [13]	do	Franc	.0392	1, 633, 402	1, 633, 402			1, 633, 402	8, 675	68, 570, 806	41, 400	39. 50	.21	1, 656. 32
Germany	do	Reichsmark	.2382	[1] 543, 838	[1] 559, 533			559, 533	[6] 218, 064	5, 620, 267	64, 036	8. 73	3. 45	87. 76
Gibraltar	do	Pound	4. 8665							[14] 130	18			7. 22
Great Britain and Irish Free State.	do	do	4. 8665	[2] 711, 072	711, 303			711, 303	[6] 260, 000	413, 044	46, 189	15. 40	5. 62	8. 94
Greece	do	Drachma	.0130	8, 312	8, 312			8, 312	[6] 66	5, 193, 264	6, 394	1. 30	.01	812. 21
Hungary	do	Pengo	.1749		28, 465			28, 465	[6] 1, 902	500, 599	8, 684	3. 28	.22	57. 65
Iceland	do	Kronu	.2680		602			602		9, 841	106	5. 68		92. 84
Italy	do	Lira	.0526	273, 147	273, 147			273, 147	86, 488	16, 854, 337	41, 145	6. 62	2. 10	409. 63
Latvia	do	Lat	.1930	[1] 4, 612	[1] 4, 612			4, 612	[6] 5, 790	82, 978	1, 900	2. 43	3. 04	43. 67
Lithuania	do	Litas	.1000	[1] 3, 508	[1] 3, 508			[17] 3, 508	[6] 1, 500	94, 829	2, 367	1. 50	.63	40. 06
Malta and Gozo	do	Pound	4. 8665						[3] 170	[14]	233		.73	
Netherlands	do	Florin or guilder.	.4020	179, 881	179, 881			179, 881	[6] 48, 692	861, 796	7, 920	22. 71	6. 14	108. 81
Norway	do	Krone	.2680	39, 303	39, 303		6, 067	45, 370	1, 822	317, 700	2, 810	16. 14	.65	113. 06
Poland	do	Zloty	.1122	[1] 78, 598	[1] 78, 598			78, 598	[6] 15, 140	1, 404, 053	31, 104	2. 52	.48	45. 18
Portugal	do	Escudo	1. 0805	9. 276	9, 276			9, 276	1	2, 045, 536	6, 661	1. 39		307. 09
Rumania	do	Leu	.0060	[1] 55, 112	[1] 55, 112			55, 112	44	21, 144, 156	18, 326	3. 05		[1] 153. 78
Russia (Soviet Union).	do	Chervonetz	5. 1457	147, 019	147, 019			147, 019	[16] 17, 810	153, 697	161, 006	. 95	.11	. 95
Spain	do	Pesata	.1930	495, 148	495, 148			495, 148	135, 851	4, 457, 697	22, 602	21. 91	6. 01	197. 21
Sweden	do	Krona	.2680	65, 596	65, 796			65, 796	665	569, 129	6, 142	10. 71	.11	92. 66
Switzerland	do	Franc	.1930	[1] 114, 832	[1] 114, 832		23, 160	137, 992	6, 716	999, 185	4, 067	33. 93	1. 65	245. 68
Yugoslavia	do	Dinar	.1930	18, 426	18, 426			18, 426	96	5, 817, 966	13, 930	1. 32	.04	417. 65
Asia:														
British North Borneo.	do	Straits dollar.	.5678						57	1, 613	298		.19	5. 41
Ceylon	do	Rupee	.3650	12	12			12	[6] 12, 985	55, 344	5, 536		2. 34	10. 00
China [18]	Silver	Dollar	(19)						[6] 162, 584	270, 067	462, 387		.35	.58
Cyprus Island	Gold	Pound	4. 8665											
Fed. Malay States	do	Straits dollar.	.5678				292	292	[6] 766	397	353	.82	2. 17	1. 12
									211	6, 682	1, 705		.12	3. 92
India, British	do	Rupee	.3650	[1] 128, 204	[1] 128, 204			128, 204	[6] 1, 397, 597	1, 784, 844	351, 500	.36	3. 97	5. 07
Indo-China, French	Silver	Piaster	(19)						18, 851	146, 177	21, 262		.89	6. 88
Iraq (Mesopotamia)	(20)	Rupee	.3650				[17] 10, 000	10, 000	[6] 25, 000		3, 300	3. 03	7. 57	
Japan, including Chosen, Taiwan, Kwantung.	Gold	Yen	.4985	542, 475	542, 475			542, 475	[6] 224, 983	1, 771, 429	90, 395	6. 00	2. 49	19. 63
Netherland East Indies.	do	Guilder	.4020	56, 067	56, 067			56, 067	[6] 164, 760	331, 721	60, 731	.92	2. 71	5. 46
Palestine	do	Pound	4. 8665						1, 728	1, 880	946		1. 82	1. 98
Persia [21]	Silver	Kran	(19)						[6] 48, 427	164, 710	10, 000		4. 84	16. 47
Philippine Islands	Gold	Peso	.5000	3, 011	3, 441			3, 441	[6] 19, 161	101, 957	12, 260	. 28	1. 56	8. 31
Sarawak	do	Straits dollar.	.5678							[22] 1, 393	475			2. 93
Siam	do	Baht or tical	.4424						[6] 71, 701	110, 218	11, 506		6. 23	9. 58
Straits Settlements	do	Dollar	.5678	1, 598	1, 633		1, 633	[6] 21, 573	104, 297	1, 169	1. 39	18. 45	89. 22
Syria	do	Pound (Syrian.)	3. 859			[6] 6, 746	[17] 15, 680	22, 426	[6] [17] 3, 136	[17] 8, 500	2, 850	7. 87	1. 10	3. 00
Turkey	do	Lira (pound)	4. 3965							158, 749	13, 850			11. 46

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1929—Continued

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation, in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated or estimates		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [20]	Total authenticated gold holdings [21]	In banks	Outside banks and government treasuries [22]							
Africa:														
Algeria	Gold	Franc	$0.0392	$8,790	$8,790	.....	.....	$8,790	.....	2,002,664	6,255	$1.41	.....	320.17
Belgian Congo	...do	...do	.0278	1,041	1,041	.....	.....	1,041	.....	183,632	10,000	.10	.....	18.36
Egypt	...do	Pound	4.9431	18,789	18,789	.....	.....	18,789	[6] $28,231	28,300	14,493	1.30	$1.94	1.95
Eritrea	Silver	Thalari	(19)	.....	.....	.....	.....	.....	[6] 1,692	.....	450	.....	3.76	.....
Ethiopia (Abyssinia)	...do	...do	(19)	.....	.....	.....	.....	.....	[4] 20,164	800,000	10,000	.....	2.02	80.00
French Equatorial Africa	Gold	Franc	.0392	.....	.....	.....	.....	.....	.....	[6 23] 606,099	3,130	.....	.....	193.64
French West Africa	...do	...do	.0392	.....	.....	.....	.....	.....	.....	588,209	14,267	.....	.....	39.12
Gambia	...do	Pound	4.8665	.....	.....	.....	.....	.....	.....	202	201	.....	.....	1.00
Gold Coast	...do	...do	4.8665	.....	.....	.....	.....	.....	.....	1,944	2,983	.....	.....	.65
Kenya and Uganda [23]	...do	Shilling	.2433	.....	.....	.....	.....	.....	[4] 20,505	28,100	6,414	.....	3.19	4.38
Madagascar	...do	Franc	.0392	.....	.....	.....	.....	.....	.....	263,785	3,853	.....	.....	68.46
Mauritius [24]	...do	Rupee	.3650	.....	.....	.....	.....	.....	1,743	14,653	373	.....	4.67	39.28
Morocco	...do	Franc	.0392	.....	.....	.....	.....	.....	[4] 3,010	603,878	5,000	.52	.60	120.77
Nigeria	...do	Pound	4.8665	2,580	2,580	.....	.....	2,580	[4] 1,240	202	19,409	.....	.06	.01
Nyasaland	...do	...do	4.8665	.....	.....	.....	.....	.....	[4] 1,669	.....	1,396	.21	1.19	.....
Portuguese East Africa	...do	Escudo	1.0805	.....	.....	$252	$49	301	.....	.....	3,701	.11	.....	20.94
Portuguese West Africa	...do	Angolar	1.0805	.....	.....	[6] 438	.....	[6] 438	.....	77,529	2,600	.....	.....	19.69
Reunion Island	...do	Franc	.0392	.....	.....	.....	.....	.....	.....	51,208	174	.....	2.94	268.33
Rhodesia—									[25] 512	46,690				
Northern	...do	Pound	4.8665	15	64	.....	24	88	[4] 916	80	1,344	.06	.68	.06
Southern	...do	...do	4.8665	.....	647	.....	.....	647	[4] 2,677	996	1,108	.58	2.41	.90
Sierra Leone	...do	...do	4.8665	.....	.....	.....	.....	.....	[4] 37	[17] 50	1,541	.....	.02	.03
Somaliland—														
British	...do	Rupee	.3650	.....	.....	.....	.....	.....	[4] 401	476	345	.....	1.16	1.38
French [6]	...do	Franc	.0392	.....	.....	[6] 191	.....	191	.....	4,410	65	2.94	.....	67.85
Italian [6]	...do	Lira	.0526	.....	.....	.....	.....	.....	1,863	2,000	1,000	.....	1.86	2.00

Sudan, Anglo-Egyptian	do	Pound	4.9431	18	20			20	[4] 8,808		5,580		1.57	
									[4] 3,592	21,094	4,825		.76	4.37
Tanganyika	do	Shilling	.2433							500,000	2,300			217.40
Tunis	do	Franc	.0392											
Union of South Africa	do	Pound	4.8665	36,474	43,714		32,160	75,874	[4] 15,938	6,980	8,014	9.46	1.98	.87
Zanzibar	do	Rupee	.3650						374	2,967	235		1.59	12.63
Oceania:														
Australia	do	Pound	4.8665	88,884	88,884	20,547		109,431	11,092	27,115	6,476	16.89	1.80	4.18
New Zealand	do	do	4.8665	[3] 31,978	31,978			31,978	4,866	7,340	1,506	21.23	3.23	4.87
Fiji Islands	do	do	4.8665	431	431			431	[4] 401	412	180	2.39	2.23	2.29
Society Islands	do	Franc	.0392							12,501	36			347.25
New Guinea, British	do	Pound	4.8665		13			13	7	([21])	201	.06	.04	
Total				10,290,608	10,444,284	76,498	454,529	10,975,311	4,191,989		1,968,906	5.55	2.12	

[1] In part held abroad either reported as earmarked (set aside and not included in the claimed assets of the holding institution, as opposed to being merely deposited abroad or representing a receivable balance) or considered to be earmarked by U. S. Federal Reserve Board experts.
[2] Includes some silver.
[3] Includes base metal coin.
[4] Estimated silver circulation included.
[5] Includes some gold.
[6] Prior year's figures.
[7] United States bank notes.
[8] United States Government notes.
[9] Exclusive of Canadian bank notes which are the principal circulating media.
[10] Panama coin only. In addition to this, there is circulating an unknown amount of silver.
[11] United States currency.
[12] Equivalent of old milreis; value of paper currency fixed at 4.567 paper milreis to the gold milreis ($0.1196) for payment of public dues.
[13] On Dec. 27.
[14] Exclusive of Spanish bank notes and British treasury notes.
[15] British currency.
[16] Includes platinum.
[17] Estimate.
[18] Incomplete.
[19] Fluctuates with the price of silver.
[20] Monetary standard not established.
[21] Mar. 21, 1930 (end of Persian year).
[22] Sarawak coin and notes; Straits coin and notes also circulate.
[23] June 30, 1929.
[24] May, 1930.
[25] Australian notes.
[26] In Trinidad dollars.
[27] Almost the entire amount held abroad.
[28] Paper peso currency legally convertible at 44% of face value.
[29] Including some gold and probably late metal coin.
[30] From United States mint interrogatories and/or published official sources.
[31] Includes, in addition to holdings of central banks and governments, holdings of other banks where authenticated.
[32] Data known to be incomplete.

Monetary stock of principal countries of the world, end of calendar year 1930 (subject to revision)

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated statistics		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]							
North America:														
United States	Gold	Dollar	$1.00	[4] $4,225,109	$4,239,197	$20,000	$334,291	$4,593,488	$851,665	4,083,847	122,275	$37.56	$6.96	33.39
Canada	do	do	1.00	109,843	148,660	[5] 8,586		157,246	[6] 28,881	304,481	9,035	15.82	2.91	30.64
Mexico	do	Peso	.4985	4,543	4,543	13,489		18,032	[6] 136,348	2,834	16,404	1.10	8.31	.17
British Honduras	do	Dollar	1.00						[9] 202	483	51		3.96	9.47
Costa Rica	do	Colon	.25			26		26	156	15,348	516	.05	.30	29.74
Cuba	do	Peso	1.00	3,925	3,925	2,650	17,211	23,786	[6] 8,413	[7]	3,714	6.40	2.27	
Dominican Republic	do	Dollar	1.00			130		130	288	[8]	1,200	.11	.24	
Guatemala	do	Quetzal	1.00	2,674	2,674			2,674	[9] 1,512	6,541	2,164	1.24	.70	3.02
Haiti	do	Gourde	.20			157		157	13	8,409	2,550	.06	.01	3.30
Honduras	do	Lempira	.50			20		20	[6] 1,250	920	860	.02	1.45	1.07
Newfoundland	do	Dollar	1.00			[9] 1,000		1,000	[9] 2,300	[10] 80	276	3.62	8.33	.29
Nicaragua	do	Cordoba	1.00						[9] 529	[9] 6,152	750		.70	8.20
Panama	do	Balboa	1.00							[11] 300	[12] 467		.64	
Salvador	do	Colon	.50	3,202	3,202			3,202		10,716	1,438	2.22		7.45
Virgin Islands	do	Franc	.193			81	2	83	[6] 66	192	21	3.95	3.14	9.14
British West Indies—														
Barbados	do	Pound	4.8665								164			
Jamaica	do	do	4.8665						[6] 803	389	994		.81	.39
Trinidad [9]	do	do	4.8665			6	10	16	[6] 1,044	[13] 2,066	397	.04	2.62	5.20
French West Indies [14]														
Guadeloupe	do	Franc	.0392			345		345	[9] 24	44,900	236	1.46	.10	133.63
Martinique	do	do	.0392			486		486		47,600	228	2.13		208.77
Netherland West Indies	do	Guilder	.402			1,754		1,754	241	3,355	68	25.79	3.54	49.34
South America:														
Argentina	do	Peso [15]	.9648	412,031	420,097			420,097		1,200,700	11,471	36.62		109.90
Bolivia	do	Boliviano	.365	1,014	1,014	1,315		2,329	24	32,227	2,973	.79	.01	10.83
Brazil	do	Milreis [16]	.5462	10,531	10,531			10,531		2,843,706	40,273	.25		70.61
Chile	do	Peso	.1217	7,495	7,495	1,411	487	9,393	[6] 2,813	254,264	4,287	2.19	.65	59.31
Colombia	do	do	.9733	17,014	18,968			18,968	[6 17] 11,369	35,333	7,851	2.42	1.45	45.01
Ecuador	do	Sucre	.2000	1,131	1,131		8	1,139	[6] 1,029	23,491	2,533	.45	.41	9.27

Guiana—															
British	do	Dollar	1.0138						[9] 205	1,344	310		.66	4.33
Dutch [9]	do	Guilder	.4020			86		86	334	1,701	153	.56	2.18	11.11
French	do	Franc	.0392			8		8	[9] 194	11,120	47	.17	4.13	236.60
Paraguay [9]	do	Peso	.9648	682	682			682		206,250	844	.81		244.37
Peru	do	Sol	.4000	17,567	17,567			17,567	7,097	64,035	6,237	2.82	1.14	10.26
Uruguay	do	Peso	1.0342	60,447	60,447	41		60,488	[6] 5,688	74,116	1,903	31.78	2.99	38.95
Venezuela [9]	do	Bolivar	.193			11,923		11,923	9,000	43,200	3,250	3.66	2.77	13.30
Europe:														
Albania	do	Franc	.193	[4] 375	375		187	562	6	12,925	834	.67	.01	15.49
Austria	do	Schilling	.1407	30,168	30,168			30,168	[6] 12,040	1,090,070	6,713	4.49	1.79	162.38
Belgium	do	Belga	.1390	[4] 190,754	190,754			190,754		3,306,422	8,129	23.46		406.74
Bulgaria	do	Lev	.0072	10,475	10,475			10,475	[17] 1,095	3,295,514	5,944	1.76	.18	554.42
Czechoslovakia	do	Krone	.0296	[4] 45,765	45,765			45,765	[6] 6,056	7,823,691	14,726	3.11	.41	531.28
Danzig	do	Gulden	.1947	23	23			23	[6] 1,947	37,948	409	.05	4.76	92.78
Denmark	do	Krone	.2680	46,096	46,096			46,096	1,447	360,200	3,542	13.01	.41	101.69
Estonia	do	Kroon	.2680	[4] 1,758	1,758			1,758	464	32,234	1,117	1.57	.41	28.85
Finland	do	Mark	.0252	7,591	7,591			7,591		1,279,351	3,634	2.09		352.05
France [18]	do	Franc	.0392	[4] 2,105,363	2,105,363			2,105,363	[17] 23,034	78,937,582	41,400	50.85	.55	1,906.70
Germany	do	Reichsmark	.2382	[4] 527,799	527,799	15,695		543,494	[6] 229,843	5,399,814	64,036	8.49	3.59	84.32
Gibraltar	do	Pound	4.8665							[9] 130	18			7.22
Great Britain	do	do	4.8665	718,422	718,422			718,422	[6] 259,722	[33] 393,794	46,189	15.55	5.62	8.53
Greece	do	Drachma	.0130	[4] 6,630	6,630			6,630		4,802,907	6,394	1.03		751.16
Hungary	do	Pengo	.1749	28,448	28,448			28,448	[6] 1,924	469,150	8,684	3.28	.22	54.02
Iceland	do	Krona	.2680		602			602		8,592	106	5.68		81.05
Irish Free State	do	Pound	4.8665			261		261	[6] 5,145	17,367	2,945	.09	1.7[4]	5.89
Italy	do	Lira	.0526	278,610	278,610			278,610	[6] [9] 86,488	15,680,458	41,145	67.71	2.10	381.20
Latvia	do	Lat	.1930	[4] 4,646	4,646			4,646	[6] 5,790	96,416	1,900	2.44	3.04	45.47
Lithuania	do	Litas	.1000	[4] 3,938	3,938			[20] 3,938	[6] 1,350	117,163	2,367	1.66	.57	49.49
Malta and Gozo	do	Pound	4.8665						[17] 170	[21]	233		.73	
Netherlands	do	Florin	.4020	171,301	171,301			171,301	[6] 58,512	846,598	7,920	21.62	7.39	106.89
Norway	do	Krone	.2680	39,242	39,242	14	6,075	45,331	[6] 6,673	311,563	6,810	16.13	2.37	110.88
Poland	do	Zloty	.1122	[4] 63,084	63,084			63,084	[6] 20,355	1,330,839	31,104	2.03	.65	42.79
Portugal	do	Escudo	1.0805	9,267	9,267			9,267		1,994,417	6,661	1.39		299.42
Rumania	do	Leu	.0060	[4] 55,653	55,653			55,653	44	19,604,584	18,326	3.03		1,069.76
Russia (Soviet Union)	do	Chervonetz	5.1457	248,883	248,883			248,883	[22] 11,454	210,041	161,006	1.54	.07	1.31
Spain	do	Peseta	.1930	470,531	470,743			470,743	135,301	4,724,138	22,602	20.83	5.98	209.01
Sweden	do	Krone	.2680	64,543	64,741			64,741	749	593,882	6,142	10.54	.12	96.69
Switzerland	do	Franc	.1930	[4] 137,594	137,594		28,950	166,544	[6] 31,619	1,062,087	4,067	40.95	7.77	261.14
Yugoslavia	do	Dinar	.1930	19,025	19,025			19,025	919	5,396,533	13,930	1.36	.06	387.40
Asia:														
British North Borneo	do	Dollar	.5678						[6] 21	1,219	298		.07	4.09
Ceylon	do	Rupee	.3650	8	8			8	[6] 13,046	55,001	5,536		2.36	9.94
China [23]		Dollar	[34]						[6] 654,698	547,077	462,387		1.42	1.18
Cyprus Island	Gold	Pound	4.8665							411	353	.82	2.03	1.16
Federated Malay States	do	Dollar	.5678			292	292	[6] 718		292	5,139	1,705		.17	3.01
India, British	do	Rupee	.3650	[4] 128,289	128,289			128,289	[6] 1,441,991	1,605,206	351,500	.36	4.10	4.57
Indo-China, French		Piaster	[35] .3918						7,264	125,565	21,262		.34	5.90
Iraq (Mesopotamia)	[36]	Rupee	.3650			[37] 10,000		10,000	[6] 25,000		3,300	3.03	7.58	

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1930 (subject to revision)—Continued

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
				Authenticated statistics		Unauthenticated statistics								
		Name	United States equivalent	In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]	Total gold stock				Gold	Silver	Paper
Asia—Continued.														
Japan, including Chosen, Taiwan, Kwantung	Gold	Yen	$0.4985	$411,770	$411,770			$411,770	[99]$224,983	1,446,296	90,395	$4.55	$2.49	16.00
Netherland E. Indies	do	Guilder	.4020	55,697	55,697			55,697	[6] 165,454	267,073	60,731	.91	2.70	4.39
Palestine	do	Pound	4.8665						[6] 1,728	1,959	946		1.83	2.07
Persia [4] [39]	do	Rezal	.2433						[6] 48,427	164,710	10,000		4.84	16.47
Philippine Islands	do	Peso	.5000	3,020	3,406			3,406	[6] 19,002	114,749	12,260	.28	1.55	9.35
Sarawak	do	Dollar	.5678							[30] 2,153	475			4.53
Siam	do	Baht or tical	.4424						[6] 71,456	99,315	11,506		6.21	8.63
Straits Settlements	do	Dollar	.5678	1,598	1,600			1,600	[6] 21,694	82,561	1,169	1.37	18.56	70.63
Syria	do	Pound	3.859						[6] 986	11,700	2,850		.35	4.10
Turkey	do	Lira [pound]	4.3965							158,749	13,850			11.46
Africa:														
Algeria	do	Franc	.0392	8,097	8,097			8,097		1,996,347	6,255	1.29		319.16
Belgian Congo	do	do	.0278	1,141	1,141			1,141		182,803	10,000	.11		18.28
Egypt	do	Pound	4.9431	[4] 20,118	20,118			20,118	[6] 23,435	20,973	14,493	1.39	1.61	1.45
Eritrea	Silver	Thalari	[34]						[6] 1,692		450		3.76	
Ethiopia (Abyssinia)	do	do	[21]						[6] 14,851	800	10,000		1.48	.08
French Equatorial Africa	Gold	Franc	.0392							80,000	3,130			25.55
French West Africa	do	do	.0392							370,129	14,267			25.94
Gambia	do	Pound	4.8665							208	201			1.00
Gold Coast	do	do	4.8665						[6] 1,660	550	2,983		.49	.18
Kenya and Uganda [14]	do	Shilling	.2433						[6] 15,044	31,774	6,414		2.34	4.94
Madagascar	do	Franc	.0392							237,406	3,853			61.61
Mauritius [31]	do	Rupee	.365							14,653	373		4.67	39.29
Morocco	do	Franc	.0392	2,552	2,552			2,552	[6] 1,743	581,498	5,000	.51	.37	116.29
Nigeria	do	Pound	4.8665						[6] 1,847		19,409		.02	.01
Nyasaland	do	do	4.8665						[6] 538	171	1,396	.19	1.14	
Portuguese East Africa	do	Escudo	1.0805			$226	$46	272	[6] 2,594		3,701	.36		38.64
				689	689	146	487	1,322	[6] 15	142,994				

										51,208	2,600			19.70
Portuguese West Africa[5]	do	Angolar	1.0805						[5 17] 612	43,000	174		3.51	247.12
Reunion Island[11]	do	Franc	.0392											
Rhodesia—									[6] 1,063	100	1,344	.07	.79	.07
Northern	do	Pound	4.8665	13	71		29	100	[6] 2,433	903	1,108	.57	2.20	.82
Southern	do	do	4.8665		636			636	[6] 49	80	1,541			
Sierra Leone	do	do	4.8665											
Somaliland—									[8] 401	488	345		1.16	1.41
British	do	Rupee	.3650			191		191		4,410	65	2.94		67.80
French[9]	do	Franc	.0392						1,863	2,000	1,000		1.86	2.04
Italian[9]	do	Lira	.0526			76		76	[17] 130		276	.28	.47	
Southwest Africa	do	Pound	4.8665					71	[6] 8,834		5,580	.01	1.58	
Sudan, Anglo-Egyptian	do	do	4.9431	43	71									
									[6] 7,225	26,021	4,825		1.50	5.39
Tanganyika	do	Shilling	.2433							500,000	2,300			217.39
Tunis[9]	do	Franc	.0392						[18] 8,811	7,035	8,014	8.98	1.09	.88
Union of South Africa	do	Pound	4.8665	[6] 32,688	37,704		34,317	72,021	439	2,395	235		1.87	10.19
Zanzibar	do	Rupee	.3650											
Oceania:									[9] 11,692	25,420	6,476	11.86	1.81	3.93
Australia	do	Pound	4.8665	75,316	75,316	[27] 1,500		76,816	[6] 4,867	6,868	1,506	22.17	3.23	4.56
New Zealand	do	do	4.8665	33,394	33,394			33,394	[6] 401	412	180	2.40	2.23	2.28
Fiji Islands[9]	do	do	4.8665	431	431			431		12,501	36			347.25
Society Islands	do	Franc	.0392						7	[23]	201	.06	.03	
New Guinea, British[9]	do	Pound	4.8665		13			13						
Total				8,938,488	11,008,564	81,623	432,392	11,522,579	4,781,741		1,972,127	5.84	2.42	

[1] From United States Mint interrogatories and/or published official sources.
[2] Includes, in addition to holdings of central banks and governments, holdings of other banks where authenticated.
[3] Data known to be incomplete.
[4] In part held abroad, either reported as earmarked (set aside and not included in the claimed assets of the holding institution, as opposed to being merely deposited abroad or representing a receivable balance) or considered to be earmarked by U. S. Federal Reserve Board experts.
[5] Gold and silver.
[6] Estimated silver circulation included.
[7] United States bank notes.
[8] United States Government notes.
[9] Prior year's figures.
[10] Exclusive of Canadian bank notes which are the principal circulating media.
[11] Panama coin only. In addition to this, there is circulating an unknown amount of silver.
[12] United States currency.
[13] In Trinidad dollars.
[14] June 30, 1930.
[15] Paper peso currency legally convertible at 44% of face value.
[16] Equivalent of old milreis; value of paper currency fixed at 4.567 paper milreis to the gold milreis ($0.1196) for payment of public dues.
[17] Includes base metal coin.
[18] On Jan. 2, 1931.
[19] Exclusive of Spanish bank notes and British treasury notes.
[20] Almost the entire amount held abroad.
[21] British currency.
[22] Includes platinum, etc.
[24] Incomplete.
[24] Fluctuates with the price of silver.
[25] Gold standard established by decree of May 1, 1930.
[26] Monetary standard not established.
[27] Estimate.
[28] Gold standard established by decree of Mar. 18, 1930; notes are stated in old krans.
[29] Mar. 21, 1930 (end of Persian year).
[30] Sarawak coin and notes; Straits coin and notes also circulate.
[31] May, 1930.
[32] Used also in Irish Free State.
[33] Australian notes.

WORLD PRODUCTION OF GOLD AND SILVER

World production of gold and silver, 1929 and 1930

[The production figures given below are based upon the preceding data (see p. 132) and those published in prior issues of the report of the Director of the Mint]

Country	Calendar year 1929						Calendar year 1930—subject to revision					
	Gold			Silver			Gold			Silver		
	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.53631 per ounce)[1]	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.38724 per ounce)[1]
North America:												
United States	63,970	2,056,629	$42,514,300	1,904,613	61,233,321	$32,840,042	65,331	2,100,395	$43,419,018	1,574,720	50,627,243	$19,604,894
Canada	59,978	1,928,308	39,861,664	719,853	23,143,261	12,411,962	65,539	2,107,073	43,557,064	822,269	26,435,935	10,237,051
Mexico	20,367	654,799	13,535,897	3,386,359	108,871,442	58,388,843	20,855	670,488	13,860,217	3,278,722	105,410,912	40,819,321
Total	144,315	4,639,736	95,911,861	6,010,825	193,248,024	103,640,847	151,725	4,877,956	100,836,299	5,675,711	182,474,090	70,661,266
Central America and West Indies [2]	1,655	53,212	1,100,000	93,313	3,000,000	1,608,930	1,806	58,050	1,200,000	121,306	3,900,000	1,510,236
South America:												
Argentina [3]	31	1,000	20,672	466	15,000	8,045	31	1,000	20,672	467	15,000	5,809
Bolivia	47	1,499	30,985	149,805	4,816,220	2,582,987	513	16,479	340,655	220,563	7,091,100	2,745,958
Brazil	3,340	107,381	2,219,762	654	21,026	11,276	3,009	96,750	2,000,000	622	[3] 20,000	7,745
Chile	334	10,734	221,890	10,216	328,435	176,143	519	16,686	344,930	22,782	732,441	283,630
Colombia	1,505	48,375	[3] 1,000,000	1,866	[3] 60,000	32,179	1,505	48,375	[3] 1,000,000	1,866	[3] 60,000	23,234
Ecuador	2,094	67,328	1,391,793	3,002	96,511	51,760	2,177	69,998	1,447,000	3,301	106,127	41,097
Guiana—												
British	199	6,385	131,995				216	6,933	143,318			
Dutch	92	2,975	61,503	233	[3] 7,500	4,022	123	3,948	81,620	233	[3] 7,500	2,904
French	1,279	41,136	850,353				1,354	43,538	[3] 900,000			
Peru	3,799	122,138	2,524,816	668,590	21,495,169	11,528,074	2,801	90,052	1,861,540	482,126	15,500,351	6,002,356
Venezuela	1,344	43,206	893,155	[3] 125	4,019	2,155	[3] 1,740	55,946	1,156,494	[3] 130	4,179	1,618
Total	14,064	452,157	9,346,924	834,957	26,843,880	14,396,641	13,988	449,705	9,296,229	732,090	23,536,698	9,114,351
Europe:												
Austria				329	10,578	5,673				318	10,224	3,959
Czechoslovakia	156	5,015	103,669	22,488	722,989	387,746	75	2,411	49,840	27,700	890,555	344,858
France	[4] 1,680	54,012	1,116,527	[4] 11,200	360,080	193,115	[4] 1,680	54,012	1,116,527	[4] 11,200	360,080	139,437
Germany	181	5,819	120,289	171,470	5,512,760	2,956,548	189	6,076	125,602	170,620	5,485,433	2,124,179
Great Britain	1	12	248	1,119	35,976	19,294				1,274	40,959	15,861
Greece	[3] 15	482	9,964	[3] 7,500	241,125	129,318	[3] 15	482	9,964	[3] 7,500	241,125	93,373
Italy	48	1,543	31,897	16,133	518,676	278,171	54	1,723	35,627	17,781	571,653	221,367

Norway				8,800	282,920	151,733				10,507	337,800	130,810
Poland				11,218	360,659	193,425				17,377	558,671	216,340
Rumania	2,213	71,148	1,470,760	2,822	90,727	48,658	[4] 2,213	71,148	1,470,760	[4] 2,822	90,727	35,133
Russia [3]	31,104	1,000,000	20,671,835	9,331	300,000	160,893	31,104	[4] 1,000,000	20,671,835	9,331	[4] 300,000	116,172
Spain	15	484	[3] 10,000	82,713	2,659,223	1,426,168	15	484	[4] 10,000	[4] 82,713	2,659,223	1,029,757
Sweden [3]	311	10,000	206,718	2,333	75,000	40,223	311	[4] 10,000	206,718	2,333	[4] 75,000	29,043
Yugoslavia	574	18,455	381,499	2,488	79,989	42,899	720	23,148	478,512	3,120	100,308	38,843
Total	36,298	1,166,970	24,123,406	349,944	11,250,702	6,033,864	36,376	1,169,484	24,175,385	364,596	11,721,758	4,539,132
Asia:												
British India	11,318	363,869	7,521,840	227,009	7,298,327	3,914,166	10,240	329,231	6,805,809	219,970	7,072,050	2,738,581
China [1]	1,555	50,000	1,033,592	1,555	50,000	26,816	1,555	50,000	1,033,592	1,555	50,000	19,362
Chosen (Korea)	4,278	137,539	2,843,164	1,871	60,143	32,255	4,964	159,608	3,299,400	2,139	68,756	26,625
Federated Malay States	760	24,431	505,041				921	29,597	611,824			
Indo-China	16	514	10,625	99	3,183	1,707	[4] 16	514	10,625	99	3,183	1,233
Japan	11,075	356,048	7,360,167	176,507	5,674,699	3,043,398	[4] 11,075	356,048	7,360,167	176,507	[4] 5,674,699	2,197,470
Netherland East Indies	3,356	107,899	2,230,470	61,211	1,967,934	1,055,423	3,435	110,435	2,282,894	65,140	2,094,251	810,978
Philippine Islands	4,996	160,626	3,320,434	3,156	101,465	54,419	5,574	179,204	3,704,475	3,431	110,307	42,715
Sarawak	44	1,405	29,044				54	1,730	35,761			
Taiwan	469	15,082	311,773	403	12,964	6,953	[4] 469	15,082	311,773	[4] 403	12,964	5,020
Turkey [3]	28	900	18,605	6,843	220,000	117,988	28	900	18,605	6,843	220,000	85,193
Total	37,895	1,218,313	25,184,755	478,654	15,388,715	8,253,125	38,331	1,232,349	25,474,925	476,087	15,306,210	5,927,177
Oceania:												
Australia—												
New South Wales	233	7,496	154,956	263,004	8,455,581	4,534,813	389	12,500	258,398	264,386	[2] 8,500,000	3,291,540
Northern Territory	1	44	910				[4] 1	44	910			
Queensland	295	9,476	195,886	1,638	52,663	28,244	243	7,821	161,674	2,171	69,808	27,032
South Australia	31	1,009	20,858	38	1,206	647	41	1,311	27,101	33	1,058	410
Victoria	818	26,275	543,152	28	909	488	750	24,119	498,584	28	[3] 900	348
West Australia	11,732	377,176	7,796,920	1,550	49,834	26,726	12,951	416,369	8,607,111	1,442	46,348	17,948
Tasmania	174	5,597	115,700	26,885	864,354	463,562	139	4,467	92,341	22,134	711,619	275,567
New Guinea—												
Australian	1,129	36,282	750,016	1,555	[3] 50,000	26,815	942	30,270	625,730	1,555	[3] 50,000	19,362
British (Papua)	54	1,729	35,735				78	2,503	51,741			
New Zealand	3,725	119,775	2,475,969	14,045	451,545	242,168	3,811	122,532	2,532,961	16,027	515,263	199,530
Total	18,192	584,859	12,090,102	308,743	9,926,092	5,323,463	19,345	621,936	12,856,551	307,776	9,894,996	3,831,737
Africa:												
Algeria				5,193	166,955	89,540				[4] 5,193	166,955	64,652
Belgian Congo	5,370	172,538	3,572,879	373	[3] 12,000	6,436	6,093	195,890	4,049,406	404	[3] 13,000	5,034
Bechuanaland	54	1,725	35,659	5	162	87	62	1,997	41,282	11	360	139
British West Africa (Gold Coast, Ashanti, Nigeria, Sierra Leone)	6,471	208,053	4,300,837				7,760	249,483	5,157,269	6	200	77
Egypt	[2]	64	1,323				17	546	11,287			
Ethiopia (Abyssinia)	140	4,501	93,044				[4] 140	4,501	93,044			
French Equatorial Africa							60	1,929	39,876			

See footnotes at end of table.

World production of gold and silver, 1929 and 1930—Continued

Country	Calendar year 1929						Calendar year 1930—subject to revision					
	Gold			Silver			Gold			Silver		
	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.53631 per ounce)[1]	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.38724 per ounce)[1]
Africa—Continued.												
French West Africa	[5] 129	4,147	$85,726				[5] 169	5,427	$112,177			
Kenya Colony	26	845	17,468	4	131	$70	56	1,789	36,982	5	155	$60
Madagascar	187	6,012	124,279				225	7,234	149,540			
Portuguese East Africa	12	375	7,752	2	54	29	5	176	3,638	1	38	15
Rhodesia—												
Northern	22	699	14,450	412	13,242	7,102	234	7,513	155,307	20	637	247
Southern	17,444	560,813	11,593,034	2,713	87,232	46,783	17,033	547,630	11,320,517	2,262	72,720	28,160
Southwest Africa	12	377	7,790				7	222	4,589			
Swaziland	3	90	1,859				[4] 3	90	1,859			
Sudan	75	2,459	50,825				30	954	19,723			
Tanganyika	298	9,581	198,057	33	1,061	569	344	11,072	228,878			
Transvaal, Cape Colony and Natal	323,867	10,412,326	215,241,881	32,093	1,031,779	553,353	333,323	10,716,351	221,526,636	40	1,278	495
Total	354,118	11,384,905	235,346,863	40,828	1,312,616	703,969	365,501	11,750,875	242,912,134	32,661	1,050,038	406,617
Total for world	606,537	19,500,152	403,103,911	8,117,264	260,970,029	139,960,839	627,072	20,160,355	416,751,523	40,603	1,305,381	505,496
										7,718,169	248,139,133	96,089,395

[1] Average price per fine ounce in London.
[2] Estimate based on United States imports of ore and bullion and interrogatory data.
[3] Estimate based on other years' production.
[4] Last year's figures.
[5] Amount exported.

Production of gold and silver in the world since 1860

[The annual production of 1860 to 1872 is obtained from 5-year-period estimates compiled by Dr. Adolph Soetbeer. Since 1872 the estimates are those of the Bureau of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value	Fine ounces	Commercial value [1]
1860	6,486,262	$134,083,000	29,095,428	$39,337,000
1861	5,949,582	122,989,000	35,401,972	46,191,000
1862	5,949,582	122,989,000	35,401,972	47,651,000
1863	5,949,582	122,989,000	35,401,972	47,616,000
1864	5,949,582	122,989,000	35,401,972	47,616,000
1865	5,949,582	122,989,000	35,401,972	47,368,000
1866	6,270,086	129,614,000	43,051,583	57,646,000
1867	6,270,086	129,614,000	43,051,583	57,173,000
1868	6,270,086	129,614,000	43,051,583	57,086,000
1869	6,270,086	129,614,000	43,051,583	57,043,000
1870	6,270,086	129,614,000	43,051,583	57,173,000
1871	5,591,014	115,577,000	63,317,014	83,958,000
1872	5,591,014	115,577,000	63,317,014	83,705,000
Total	78,766,630	1,628,252,000	547,997,231	729,563,000
1873	4,653,675	96,200,000	63,267,187	82,120,800
1874	4,390,023	90,750,000	55,300,781	70,674,400
1875	4,716,563	97,500,000	62,261,719	77,578,100
1876	5,016,488	103,700,000	67,753,125	78,322,600
1877	5,512,196	113,947,200	62,679,916	75,278,600
1878	5,761,114	119,092,800	73,385,451	84,540,000
1879	5,262,174	108,778,800	74,383,495	83,532,700
1880	5,148,880	106,436,800	74,795,273	83,640,600
1881	4,983,742	103,023,100	79,020,872	89,925,700
1882	4,934,086	101,996,600	86,472,091	98,232,300
1883	4,614,588	95,392,000	89,175,023	98,984,300
1884	4,921,169	101,729,600	81,567,801	90,785,000
1885	5,245,572	108,435,600	91,609,959	97,518,800
1886	5,135,679	106,163,900	93,297,290	92,793,500
1887	5,116,861	105,774,900	96,123,586	94,031,000
1888	5,330,775	110,196,900	108,827,606	102,185,900
1889	5,973,790	123,489,200	120,213,611	112,414,100
1890	5,749,306	118,848,700	126,095,062	131,937,000
1891	6,320,194	130,650,000	137,170,000	135,500,200
1892	7,094,266	146,651,500	153,151,762	133,404,400
1893	7,618,811	157,494,800	165,472,621	120,119,900
1894	8,764,362	181,175,600	164,610,394	104,493,000
1895	9,615,190	198,763,600	167,500,960	109,545,600
1896	9,783,914	202,251,600	157,061,370	105,859,300
1897	11,420,068	236,073,700	160,421,082	96,252,700
1898	13,877,806	286,879,700	169,055,253	99,742,600
1899	14,837,775	306,724,100	168,337,452	101,002,600
1900	12,315,135	254,576,300	173,591,364	107,626,400
1901	12,625,527	260,992,900	173,011,283	103,806,700
1902	14,354,680	296,737,600	162,763,483	86,264,700
1903	15,852,620	327,702,700	167,689,322	90,552,200
1904	16,804,372	347,377,200	164,195,266	95,253,300
1905	18,396,451	380,288,300	172,317,088	105,113,700
1906	19,471,080	402,503,000	165,054,497	111,721,100
1907	19,977,260	412,966,600	184,206,984	121,577,100
1908	21,422,244	422,837,000	203,131,404	108,655,100
1909	21,965,111	454,059,100	212,149,023	110,364,400
1910	22,022,180	455,239,100	221,715,673	119,727,000
1911	22,397,136	462,989,761	226,192,923	122,143,800
1912	22,605,068	467,288,203	230,904,241	141,972,220
1913	22,254,983	460,051,329	210,013,423	126,848,107
1914	21,301,836	440,348,027	172,203,596	95,201,769
1915	22,737,520	470,026,251	173,000,507	89,911,664
1916	22,031,094	455,423,136	180,801,919	124,011,387
1917	20,345,528	420,579,351	186,125,017	166,240,586
1918	18,614,039	384,786,306	203,159,431	200,002,335
1919	17,698,184	365,853,933	179,849,940	201,588,402
1920	16,130,110	332,823,934	173,296,382	176,658,331
1921	15,974,902	330,231,792	171,285,542	108,110,295
1922	15,451,945	319,420,063	209,815,448	142,536,023
1923	17,790,597	367,764,279	246,009,534	172,275,552
1924	19,031,001	393,405,653	239,484,703	178,310,725
1925	19,025,942	393,301,128	245,213,993	172,498,232
1926	19,349,118	399,981,749	253,795,166	159,568,628
1927	19,431,194	401,678,427	253,981,085	144,947,007
1928	19,700,049	407,236,156	257,925,154	151,213,780
1929	19,500,152	403,103,911	260,970,029	139,960,839
1930	20,160,355	416,751,523	248,139,133	96,089,395
Total	768,536,540	15,886,445,412	9,271,064,795	6,732,206,477
Grand total	847,303,170	17,514,697,412	9,819,062,026	7,461,769,477

[1] At the average par price of a fine ounce of silver in London, excepting the years 1918 to 1922, inclusive, for which the mean of the New York bid and asked prices was used.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Coining value	Fine ounces	Coining value in standard silver dollars	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$1,954,000	42,309,400	$54,703,000	11	89	66.4	33.6
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	3,740,000	69,598,320	89,986,000	7.4	92.6	55.9	44.1
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	12,952,000	160,287,040	207,240,000	2.7	97.3	30.4	69.6
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	12,450,000	192,578,500	248,990,000	2.2	97.8	26.7	73.3
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	17,413,000	269,352,700	348,254,000	1.7	98.3	22	78
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	17,579,000	271,924,700	351,579,000	2	98	24.4	75.6
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	16,361,000	253,084,800	327,221,000	2.1	97.9	25.2	74.8
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	15,226,000	235,530,900	304,525,000	2.3	97.7	27.7	72.3
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,008,000	216,691,000	280,166,000	2.7	97.3	30.5	69.5
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	14,212,000	219,841,700	284,240,000	3.1	96.9	33.5	66.5
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	14,781,000	228,650,800	295,629,000	3.5	96.5	36.6	73.4
1721–1740	513,422	12,681,000	12,268,440	253,611,000	13,863,080	17,924,000	277,261,600	358,480,000	4.2	95.8	41.4	58.6
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	22,162,000	342,812,235	443,232,000	4.4	95.6	42.5	57.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	27,133,000	419,711,820	542,658,000	3.1	96.9	33.7	66.3
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	36,540,000	565,235,580	730,810,000	2	98	24.4	75.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	37,168,000	287,469,225	371,677,000	1.9	98.1	24.1	75.9
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	22,479,000	173,857,555	224,786,000	2.1	97.9	25.3	74.7
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,144,000	148,070,040	191,444,000	3	97	33	67
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	24,793,000	191,758,675	247,930,000	3.3	96.7	35.2	64.8
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,440,000	250,903,422	324,400,000	6.6	93.4	52.9	47.1
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	36,824,000	142,442,986	184,169,000	18.4	81.6	78.3	21.7
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	37,618,000	145,477,142	188,092,000	18.2	81.8	78.1	21.9
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	45,772,000	177,009,862	228,861,000	14.4	85.6	72.9	27.1
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	55,633,000	215,257,914	278,313,000	12.7	87.3	70	30
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,864,000	316,585,069	409,322,000	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	101,851,000	393,878,009	509,256,000	6.6	93.4	53	47
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	91,005,944	118,955,000	460,019,722	594,773,000	5	95	45.5	54.5
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	140,815,000	544,557,155	704,074,000	4.8	95.2	44.5	55.5
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	203,742,000	787,906,656	1,018,708,000	4.8	95.2	44.4	55.6
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	214,229,700	828,466,522	1,071,148,400	7	93	54.6	45.4
1901–1905	15,606,730	322,619,800	78,033,650	1,613,099,100	167,995,408	217,206,200	839,977,042	1,086,030,900	8.5	91.5	59.8	40.7
1906			19,471,080	402,503,000			165,054,497	213,403,800	10.5	89.5	65.3	34.2
1907			19,977,260	412,966,600			184,206,984	238,166,600	9.8	90.2	63.4	36.6
1908			21,422,244	442,837,000			203,131,404	262,634,500	9.5	90.5	62.8	37.2
1909			21,965,111	454,059,100			212,149,023	274,293,700	9.4	90.6	62.3	37.7

1910			22,022,180	455,239,100			221,715,673	286,662,700	9	91	61.4	38.6
1911			22,397,136	462,089,761			226,192,923	292,451,500	9	91	61.2	38.8
1912			22,605,068	467,288,203			230,904,241	298,542,852	8.9	91.1	61	39
1913			22,254,983	460,051,329			210,013,423	271,532,506	9.5	90.5	62.8	37.2
1914			21,301,836	440,348,027			172,263,596	223,724,649	11	89	66.4	33.6
1915			22,737,520	470,026,251			173,060,507	223,677,423	11.6	88.4	67.7	32.3
1916			22,031,094	455,423,136			180,801,919	233,764,096	10.8	89.2	66.1	33.9
1917			20,345,528	420,579,351			186,125,017	240,646,486	9.8	90.2	63.6	36.4
1918			18,614,039	384,786,306			203,159,431	262,670,779	8.3	91.7	59.4	40.6
1919			17,698,184	365,853,933			179,849,940	232,533,256	8.9	91.1	61.1	38.9
1920			16,130,110	333,423,975			173,296,382	224,059,968	8.5	91.5	59.7	40.3
1921			15,974,962	330,231,792			171,285,542	221,460,095	8.4	91.6	59.8	40.1
1922			15,451,945	319,420,063			209,815,448	271,276,538	6.8	93.2	54.9	45.1
1923			17,790,597	367,764,279			246,009,534	318,072,933	6.7	93.3	53.6	46.4
1924			19,031,001	393,405,653			239,484,703	309,636,787	7.4	92.6	56	44
1925			19,025,942	393,301,128			245,213,993	317,044,355	7.2	92.8	55.4	44.6
1926			19,349,118	399,981,749			253,795,166	328,139,204	7.1	92.9	54.9	45.1
1927			19,431,194	401,678,427			253,981,085	328,379,585	7.1	92.9	55	45
1928			19,700,049	407,236,156			257,925,154	333,478,987	7.1	92.9	55	45
1929			19,500,152	403,103,911			260,970,029	337,416,795	6.9	93.1	54.4	45.6
1930			20,160,355	416,751,523			248,139,133	320,826,354	7.5	92.5	56.5	43.5
Total			1,061,340,987	21,940,679,253			4,976,992,838	19,364,192,748	6.6	93.4	53.1	46.9

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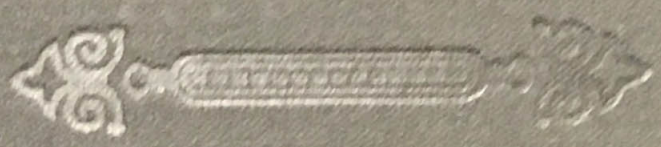

NEW MINT, SAN FRANCISCO, CALIF.

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1937

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1936

UNITED STATES
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TREASURY DEPARTMENT

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Director of the Mint

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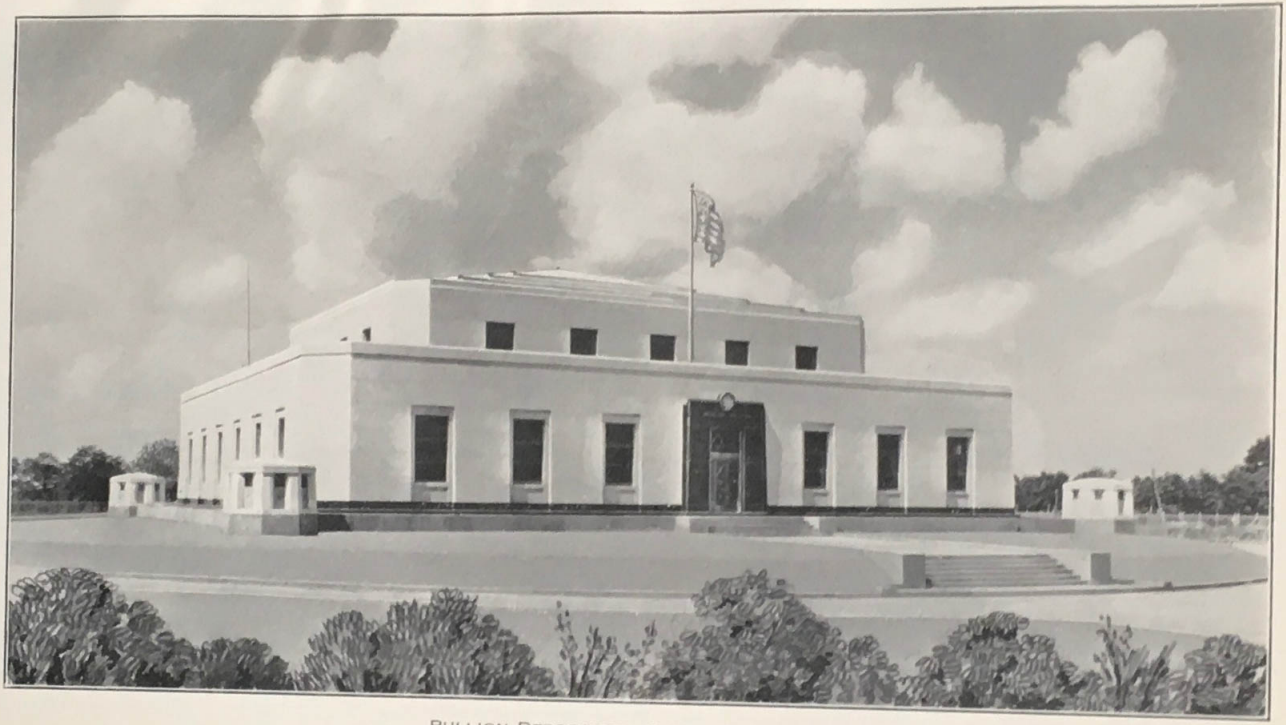
REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1937

REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1917



BULLION DEPOSITORY, FORT KNOX, KY.

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., October 12, 1937.

SIR: In compliance with the provisions of section 253, title 31, U. S. Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1937, being the Sixty-fifth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1936.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1937, the following seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York which handles the major portion of the gold imported and exported by the Government; a gold bullion depository at Fort Knox, Ky.; mint at New Orleans conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, bullion-purchasing agencies for the large institutions and also serve the public by making assays of ores and bullion. Electrolytic refineries are operated at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year ended June 30, 1937, amounting to 760,915,737 pieces, exceeded the production of any previous fiscal year in the history of the Government. The nearest approach to this production was 733,583,150 pieces in the fiscal year 1920; during the fiscal year 1936, 471,040,986 pieces were produced. While the 1937 increase is reflected in every denomination of fractional coin, the greater part was in the 1-cent and 5-cent denominations. This may be attributed to the general improvement in business, including amusement, restaurant, chain- and department-store enterprises; also traffic in beverages, slot-machine vending, sales taxes, social-security deductions (in small amounts) from cash pay-roll disbursements, discontinuance of many small checking accounts, etc.

The 1937 total is made up of 177,783,212 pieces of subsidiary silver coin, 164,832,570 pieces nickel coin, and 418,299,955 pieces bronze coin.

The face value of the domestic coin manufactured totaled $45,386,895, consisting of $32,962,267 in subsidiary silver, $8,241,628 in nickel, and $4,183,000 in bronze coin.

Coinage for foreign governments amounted to 42,550,000 pieces, as compared with 72,180,449 pieces during the prior year. All foreign coinage, consisting of silver, nickel, and bronze coins for Cuba, Honduras, Nicaragua, Panama, and Venezuela, was executed at Philadelphia.

The grand total of domestic and foreign coin made in 1937 amounted to 803,465,737 pieces, an excess of 260,244,302 over that of the prior year.

Bullion Deposit Transactions

Bullion deposits during the fiscal year 1937 totaled 97,293. An amended method of reporting the number of deposits has of late been established. For purposes of comparison, the reports for fiscal years 1934, 1935, and 1936 have been brought into agreement with the amended procedure, the figures being, respectively, 113,773; 194,146; and 127,837.

Gold Operations

Gold acquisitions by the mints and assay offices during the fiscal year 1937 amounted to $1,762,927,432.65. Receipts of domestic and foreign coin from other Treasury offices, melted during the year, amounted to $149,676,113.44. Transfers from mint institutions to other mint institutions amounted to $5,846,821,665.90. These transactions total $7,759,425,211.99; in the prior year $2,549,171,816.51.

The acquisitions include $1,742,669.26 received at $20.67+ per fine ounce of gold, not previously surrendered under the nationalization orders. The increment on this gold, due to the increase of price to $35 per fine ounce, amounted to $1,207,897.48.

Silver Operations

The Government's acquisitions of silver during the fiscal year 1937 totaled 226,742,842 fine ounces, at an average cost of 55.8+ cents per fine ounce, and total cost of $126,609,299. The total consists of the following items:

	Fine ounces	*Cost*
Newly mined domestic silver	63, 029, 665	$48, 851, 604
Nationalized silver	63, 777	31, 911
Purchase Act silver	163, 030, 551	77, 453, 735
Silver contained in gold bullion deposits, etc	454, 301	199, 647
Silver received in exchange for Government stamped bars	164, 548	72, 402

United States coin received for recoinage totaled 3,994,323 fine ounces, with recoinage value of $5,521,788. Silver deposited in trust by other governments totaled 22,218,016 fine ounces. Silver transfers between mint-service institutions totaled 1,741,805 fine ounces. The above items total 254,696,986 fine ounces. The prior year's total was 626,488,597.

During the fiscal year 98,215,000 fine ounces of silver bullion were revalued to $1.29+ per fine ounce, in accordance with the act of June 19, 1934, defining the monetary value of silver, and was set up as security against silver certificates.

ADDITION TO MINT, DENVER, COLO.

Silver Price

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1937 averaged $0.45302. The highest point was $0.47812 on November 9 and 10, 1936; the lowest was $0.45062, which prevailed during most of the fiscal year.

For newly mined domestic silver the price of $0.7757+ per fine ounce, established by the President's proclamation of April 24, 1935, prevailed throughout the fiscal year.

Refineries

The electrolytic refinery at New York produced during the fiscal year 1937 electrolytically refined gold bullion totaling 3,351,715 fine ounces (114.9 tons), and silver bullion totaling 1,641,602 fine ounces (56.3 tons). During the prior year the quantities produced were 234.6 tons of gold and 156.2 tons of silver.

The electrolytic refineries at the Denver and San Francisco Mints remained closed because of building construction and the fact of other more urgent activities absorbing appropriations.

Stocks of unrefined gold and silver bullion in mint institutions increased during the fiscal year 1937 approximately 250 tons, making a total on hand of 1,315 tons. The increase in the fiscal year 1936 was about 56 tons.

Housing

The fiscal year 1937 marked the completion and the occupancy by the mint service, of the new mint building at San Francisco, the new wing to the mint at Denver, and the bullion depository at Fort Knox, Ky. Illustrations of these structures appear in this publication.

The new mint at San Francisco occupies a commanding site at Duboce and Buchanan Streets, which is some distance from the principal business center where the old mint building is located. The structure is three stories in height with a partial fourth story, and occupies an area of approximately 33,000 square feet. It is provided with modern facilities, and new equipment replaces much worn and obsolete machinery contained in the old building. Modern protective devices, alarm systems, and vaults are provided in the new building as well as an electric precipitator system which makes possible the recovery of fine gold and silver particles contained in smoke and gases generated in the working of the precious metals.

The addition to the Denver Mint building covers an area of approximately 6,000 square feet and consists of a basement and two stories. The old building was remodeled to some extent in connection with expansion and rearrangement of operating departments. Improvements in structure and equipment include modern protective devices, added vault facilities, new machinery and an electrical precipitator system.

The bullion depository at Fort Knox, Ky., occupies a site which was formerly included in the Army reservation. Gold bullion with value approximating 5½ billion dollars was shipped thereto during the last 6 months of the fiscal year 1937 from the assay office at New York and the mint at Philadelphia. The depository is equipped with the most sensitive and complete protective devices procurable.

At the Philadelphia Mint, modern vaults and new elevators have been constructed, and much worn and obsolete machinery has been replaced with modern equipment.

A silver bullion depository is now in course of construction on a site at West Point formerly included in the military reservation. This depository will be operated as an auxiliary of the New York Assay Office. It will be used for the storage of silver bullion now temporarily placed in the assay office at New York, the old assay office building at New York, the subtreasury building and in rented vaults.

Commemorative Coins

New design commemorative half dollars identified with historic events, made during the fiscal year 1937, are illustrated in this volume and described below:

Commemorative coins (half dollars) made

Occasion commemorated	Portrayals		Designer
	Obverse	Reverse	
Arkansas, statehood centennial.	1935 design unchanged	Portrait of Senator Joseph T. Robinson.	Henry Kreis.
Columbia, S. C., sesquicentennial of founding of capital.	Figure of Justice with scales and sword; replicas of original and present capitol buildings, with years 1786 and 1936.	Palm tree with oak log and ribbon binding spears at base; 13 stars in field around inner circle.	A. Wolfe Davidson.
Cincinnati, Ohio, fiftieth anniversary as music center.	Portrait of Stephen Foster, America's troubadour.	Symbolic female figure kneeling holding lyre; 1886–1936.	C. Ortmayer.
Long Island, N. Y., tercentenary of settlement.	Accolated heads of an Indian and a first settler.	Ship in full sail	Howard Weinman.
Great Lakes Exposition, Cleveland centennial.	Portrait of Moses Cleaveland.	Compass over map of Great Lakes; stars designating location of principal cities; 1836–1936.	Brenda Putnam.
New Rochelle, N. Y., two hundred and fiftieth anniversary of founding.	Full length figure of a man in Colonial dress leading a calf; settled 1688; incorporated 1899.	Modern interpretation of a fleur-de-lis; 1938.	Gertrude K. Lathrop.
Bridgeport, Conn., centennial of incorporation.	Portrait of P. T. Barnum; 1836–1936.	An eagle	Henry Kreis.
Delaware, tercentenary of Swedes landing.	Replica of Old Swedes Church, Wilmington.	Replica of sailing ship Kalmar Nychel; 1638–1938.	Carl L. Schmitz.
Wisconsin, centennial of Territorial government.	A badger against vertical arrows and branch.	Arm of man holding pick above a pile of ore; 1836–1936.	Benjamin Hawkins.
Lynchburg, Va., sesquicentennial of founding.	Portrait of Senator Carter Glass.	Standing figure of Liberty; replica of Lynchburg court house; 1786–1936.	Charles Keck.
Albany, N. Y., two hundred and fiftieth anniversary of founding.	Beaver with branch of maple; maple seeds separating wording around border.	Full length portrait of Sir Thomas Dongan, Colonial Governor, presenting a charter to Peter Schuyler, Albany's first mayor and Robert Livingston; flying eagle above; pine branch and cones.	Gertrude K. Lathrop.
Gettysburg, Pa., seventy-fifth anniversary of battle.	Accolated heads of Union and Confederate soldiers; Blue and Gray Reunion.	A fasces vertically in center flanked by shields of the Union and Confederacy, supported by sprays of oak and laurel; 1863–1938.	Frank Vittor.
Elgin, Ill., centennial of founding.	Head of a pioneer; 1673–1936.	Group of 4 pioneer figures; pioneer memorial; Elgin, Ill.	Trygve A. Rovelstad.
Roanoke Island, N. C., three hundred and fiftieth anniversary of colonization.	Portrait of Sir Walter Raleigh.	Full length figure of woman holding babe in arms; the birth of Virginia Dare; 2 sailing ships; a branch of pine; 1587–1937.	William Marks Simpson.

1

2

COMMEMORATIVE HALF DOLLARS.

1. Arkansas statehood centennial.
2. Columbia, S. C., sesquicentennial.

Commemorative coins (half dollars) made—Continued

Occasion commemorated	Portrayals		Designer
	Obverse	Reverse	
San Francisco-Oakland Bay Bridge opening.	Grizzly bear	View of bridge in perspective with historic Ferry Tower in foreground; Yerba Buena Island and East Bay Hills in distance; 1936.	Jacques Schnier.
York County, Maine, tercentenary of founding.	View of old stockade on the Saco River (Brown's Garrison).	Seal of York County; first county in Maine; 1636–1936.	Walter H. Reed.

Commemorative half dollar coins which have been authorized but not yet issued are as follows:

Event	Date of law	Pieces
Antietam, Battle of, Seventy-fifth anniversary	June 24, 1937	50,000
Norfolk, Va., three-hundredth anniversary of original land grant and two hundredth anniversary of the establishment of the city of Norfolk as a borough	June 28, 1937	25,000

Stock of Coin and Monetary Bullion in the United States

On June 30, 1937, the estimated stock of domestic coin in the United States was $1,056,932,925, of which $547,079,825 was standard silver dollars, $358,899,286 subsidiary silver coin, and $150,953,814 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $12,318,271,165, an increase of $1,709,854,487; the stock of silver bullion was 1,283,488,808 fine ounces, an increase of 206,623,606 fine ounces.

Production of Gold and Silver

Domestic gold production during the calendar year 1936 was 4,357,394 fine ounces with value $152,508,800, as compared with 3,609,283 fine ounces with value $126,324,900 in 1935. The output was about 89 percent in quantity of that for the record year 1915, when the total was 4,887,604 fine ounces, valued at $101,035,700.

Domestic silver produced during 1936 totaled 63,812,176 ounces, valued at $49,422,530 on the basis of the average price of newly mined domestic silver received by the Treasury, $0.7745 per fine ounce; this compares with 45,924,454 ounces, valued at $33,008,201, for 1935, and with the record production of 1915, 74,961,075 fine ounces, valued at $37,397,300.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1936 is estimated at $32,967,937; the return from industrial use exceeded the total used by industry by $2,907,833 (a reversal of the usual condition). It is therefore considered that no new gold was added to industry's consumption.

Silver used in the arts is estimated at 35,842,674 fine ounces, of which 19,139,321 fine ounces was new material.

As compared with the prior year, there was a decline of silver consumption in industry of 5,300,000 ounces; and increase in gold consumption of approximately 201,000 ounces.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1937 totaled $1,295,660; the appropriation for meeting emergency expenses amounted to $1,050,000; the deficiency act of June 22, 1936, provided $2,030,000 for gold movements and special equipment; the public resolution of May 14, 1937, provided $262,500 for emergent expense; and reimbursements to appropriations for services rendered amounted to $376,899, making a total of $5,015,059.

Expenses amounted to $4,808,531, of which $4,657,840 was chargeable to appropriations and $150,691 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $34,040,896, of which $28,887,086 was seigniorage. The seigniorage on subsidiary silver coin was $17,982,473 and on minor coin $10,904,613. Extraordinary income taken into account consisted of seigniorage on silver bullion revalued to $1.29+ per ounce, $59,577,451, and increment to $35 per ounce on revalued gold, $1,207,897, total $60,785,348.

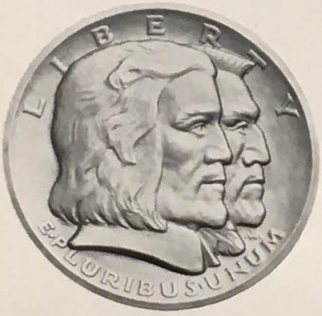
Deposits of Gold and Silver, Income, Expenses, and Employees, by Institutions, Fiscal Year 1937

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1937, and number of employees on June 30, 1937, at each institution are shown in the following table:

Institution	Number of deposits of gold and silver	Number of mint-service transactions	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income [2]	Gross expenses [2]	Excess of income (+) or of expenses (−)	Employees June 30, 1937
Philadelphia	15,318	288	$207,456,084	$21,934,070	$1,395,887	+$20,538,183	468
San Francisco	29,077	31	305,527,592	3,876,160	750,116	+3,126,044	193
Denver	8,578	8,350	401,556,297	4,378,283	667,100	+3,711,183	209
New York	27,770	----------	1,598,752,582	3,800,895	600,212	+3,200,683	233
New Orleans	2,849	5	1,203,232	12,989	34,651	−21,662	16
Seattle	5,027	----------	22,158,971	69,354	41,043	+28,311	16
Fort Knox	----------	----------	5,523,706,735	----------	1,146,358	−1,146,358	30
Total	88,619	8,674	8,060,361,493	34,071,751	4,635,367	+29,436,384	1,165
Bureau of the Mint	----------	----------	----------	----------	204,019	−204,019	47
Grand total	88,619	8,674	8,060,361,493	34,071,751	4,839,386	+29,232,365	1,212
Prior fiscal year	[3] 123,514	4,323	3,344,467,432	19,219,648	3,163,801	+16,055,847	1,152

[1] Includes interinstitution transactions $5,849,073,694.
[2] Includes interinstitution transactions $30,854.
[3] Revised.

3



4

COMMEMORATIVE HALF DOLLARS.

3. Cincinnati, Ohio, music center anniversary.
4. Long Island, N. Y., settlement tercentenary.

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1937, follow:

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Silver:					
Half dollars:					
Regular	$6,845,070.50	$1,658,000.00	$1,483,000.00	$9,986,070.50	19,972,141
Albany, N. Y., two hundred and fiftieth anniversary	12,506.50			12,506.50	25,013
Arkansas centennial	15,385.00	2,753.00	2,752.50	20,890.50	41,781
Battle of Gettysburg, seventy-fifth anniversary	25,014.00			25,014.00	50,028
Bridgeport, Conn., centennial	12,507.50			12,507.50	25,015
Cincinnati, Ohio, center of music fiftieth anniversary	2,502.50	2,503.00	2,502.50	7,508.00	15,016
Great Lakes Exposition, Cleveland, Ohio, centennial	25,015.00			25,015.00	50,030
Columbia, S. C., sesquicentennial	4,503.50	4,003.50	4,004.50	12,511.50	25,023
Daniel Boone bicentennial	8,507.00		3,753.00	12,260.00	24,520
Elgin, Ill., centennial	12,507.50			12,507.50	25,015
Long Island, N. Y., tercentennial	50,026.50			50,026.50	100,053
Lynchburg, Va., sesquicentennial	10,006.50			10,006.50	20,013
New Rochelle, N. Y., two hundred and fiftieth anniversary	12,507.50			12,507.50	25,015
Oregon Trail			6,004.00	6,004.00	12,008
Roanoke Island, N. C., three hundred and fiftieth anniversary of Sir Walter Raleigh's founding of colony	25,015.00			25,015.00	50,030
San Francisco - Oakland Bay Bridge		50,027.50		50,027.50	100,055
Swedes' landing in Delaware, tercentennial	12,507.50			12,507.50	25,015
Texas centennial	4,002.50	4,003.50	4,003.00	12,009.00	24,018
Wisconsin centennial	12,507.50			12,507.50	25,015
York County, Maine, tercentennial	12,507.50			12,507.50	25,015
Quarter dollars	9,257,063.50	839,000.00	1,437,300.00	11,533,363.50	46,133,454
Dimes	8,524,493.90	1,155,000.00	1,419,500.00	11,098,993.90	110,989,939
Total silver	24,884,156.90	3,715,290.50	4,362,819.50	32,962,266.90	177,783,212
Minor:					
5-cent nickel	5,976,478.50	864,750.00	1,400,400.00	8,241,628.50	164,832,570
1-cent bronze	3,205,499.55	295,300.00	682,200.00	4,182,999.55	418,299,955
Total minor	9,181,978.05	1,160,050.00	2,082,600.00	12,424,628.05	583,132,525
Total coinage	34,066,134.95	4,875,340.50	6,445,419.50	45,386,894.95	760,915,737
Prior year:					
Total coinage, value	23,583,277.34	6,105,766.50	4,850,119.50	34,539,163.34	
Total coinage, pieces	350,617,654	63,752,693	56,670,639		471,040,986

Coinage by the United States for Other Countries

The coinage for other countries during the same period totaled 42,550,000 pieces, as compared with 72,180,449 pieces during the prior year, as follows:

Country	Philadelphia	Country	Philadelphia
Silver:	*Pieces*	Bronze:	*Pieces*
Cuba	20,000,000	Nicaragua	1,100,000
Honduras	2,500,000	Panama	200,000
Nicaragua	350,000	Total bronze	1,300,000
Venezuela	11,900,000	Total coinage	42,550,000
Total silver	34,750,000	Previous fiscal year, total coinage (3 mints)	72,180,449
Nickel:			
Nicaragua	300,000		
Venezuela	6,200,000		
Total nickel	6,500,000		

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1937, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1936:		1937—Continued.	
July	$103,353.37	March	$38,708.60
August	34,531.52	April	95,354.87
September	40,233.95	May	57,771.00
October	99,692.81	June	37,035.68
November	44,333.08	Total	677,299.22
December	38,827.39	Prior fiscal year	568,728.40
1937:			
January	44,345.66		
February	43,111.39		

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1937, and balances on hand June 30, 1937, as compared with June 30, 1936, are shown in the following table:

Institution	Balance on hand June 30, 1936	Receipts during fiscal year 1937 (details below) [1]	Total	Disbursements during fiscal year 1937 (details below) [1]	Balance on hand June 30, 1937
Philadelphia	$1,100,678,008.96	$156,597,591.66	$1,257,275,600.62	$1,202,856,433.20	$54,419,167.42
San Francisco	382,459,640.17	166,179,580.13	548,639,220.30	293,484,978.79	255,154,241.51
Denver	3,410,374,944.09	355,200,147.05	3,765,575,091.14	7,118.68	3,765,567,972.46
New York	5,556,575,399.01	1,715,435,399.66	7,272,011,798.67	4,557,046,550.22	2,714,965,248.45
New Orleans	3,744,305.51	1,189,996.97	4,934,302.48	4,526,461.27	407,841.21
Seattle	5,117,325.02	22,228,013.40	27,345,338.42	24,156,535.64	3,188,802.78
Fort Knox		5,523,706,735.45	5,523,706,735.45		5,523,706,735.45
Total	10,458,949,622.76	7,940,538,464.32	18,399,488,087.08	6,082,078,077.80	12,317,410,009.28

[1] Includes transfers.

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COMMEMORATIVE HALF DOLLARS.

5. Great Lakes Exposition, Cleveland, Ohio, centennial.
6. New Rochelle, N. Y., anniversary of founding.
7. Bridgeport, Conn., centennial of incorporation.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including United States uncurrent coin converted to bullion)	Surplus bullion received (including shipment gains)	Transfers from mints and assay offices	Transfers from other Treasury offices	Increment to $35 per ounce on receipts at $20.67+ incident to revaluation of Jan. 31, 1934	Total
Philadelphia	$155, 539, 716. 01	$46, 183. 78	$1, 009, 601. 08		$2, 090. 79	$156, 597, 591. 66
San Francisco	166, 117, 229. 76	51, 537. 08	5, 250. 00		5, 563. 29	166, 179, 580. 13
Denver	33, 607, 542. 71	67, 130. 27	322, 094, 294. 01		1, 180. 06	355, 200, 147. 05
New York	1, 534, 766, 284. 01	25, 263. 10	1, 750. 00	$180, 486, 599. 39	156, 502. 96	1, 715, 436, 399. 66
New Orleans	1, 183, 024. 05	5, 533. 95	1, 050. 00		388. 97	1, 189, 996. 97
Seattle	22, 226, 143. 39	1, 586. 86			283. 15	22, 228, 013. 40
Fort Knox			5, 523, 706, 735. 45			5, 523, 706, 735. 45
Total	1, 912, 869, 939. 93	197, 235. 04	5, 846, 818, 680. 54	180, 486, 599. 39	166, 009. 22	7, 940, 538, 464. 32

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and unparted bars paid to depositors and issued in exchange for other gold assets	Transfers to mints, assay offices, and depository	Sold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$216, 039. 52	$1, 202, 619, 378. 55	$21, 015. 13	$1, 202, 856, 433. 20
San Francisco	77, 181. 69	293, 407, 797. 10		293, 484, 978. 79
Denver	7, 118. 68			7, 118. 68
New York	234, 831, 053. 08	4, 322, 108, 507. 98	106, 989. 16	4, 557, 046, 550. 22
New Orleans		4, 526, 461. 27		4, 526, 461. 27
Seattle		24, 156, 535. 64		24, 156, 535. 64
Fort Knox				
Total	235, 131, 392. 97	5, 846, 818, 680. 54	128, 004. 29	6, 082, 078, 077. 80

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1937. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints unissued	Issued	Melted	Amount issued and outstanding June 30, 1937
Copper half cents [1]	$39, 926. 11		$39, 926. 11	$0. 80	$39, 925. 31
Copper cents	1, 562, 887. 44		1, 562, 887. 44	383, 446. 05	1, 179, 441. 39
Copper-nickel cents	2, 007, 720. 00		2, 007, 720. 00	809, 052. 41	1, 198, 667. 59
Bronze cents	68, 799, 383. 52	$1, 159, 773. 51	67, 639, 610. 01	1, 617, 602. 33	66, 022, 007. 68
Bronze 2 cents	912, 020. 00		912, 020. 00	343, 854. 74	568, 165. 26
Nickel 3 cents	941, 349. 48		941, 349. 48	287, 834. 04	653, 515. 44
Nickel 5 cents	94, 064, 897. 45	1, 292, 447. 60	92, 772, 449. 85	10, 292, 819. 15	82, 479, 630. 70
Total	168, 328, 184. 00	2, 452, 221. 11	165, 875, 962. 89	13, 734, 609. 52	152, 141, 353. 37

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Bullion (1.000 fine)

In order to maintain uniformity in assay of bullion in the offices of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. During the fiscal year 1937 the manufacture of proof gold was initiated at the New York Assay Office, while the Philadelphia Mint continues to supply all proof silver. During the fiscal year 1937 there was furnished other mints and assay offices 330 ounces of proof gold and 3,397.59 ounces of proof silver.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1937

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1937, was 57.0 million fine ounces of gold and 159.4 million fine ounces of silver. There were also operated upon at the coinage mints 149.8 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, U. S. Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	4,597,801	4,598,700	4,523,638	4,598	899		
Coining	910	1,157	663		247		
San Francisco Mint:							
Melting and refining	8,404,130	8,405,453	1,579,951	8,404	1,323		
Coining		16			16		
Denver Mint:							
Melting and refining	9,768,728	9,769,165	56,419	9,769	437		
Coining	15,154	15,154		8			
New York Assay Office:							
Melting and refining	59,182,828	59,183,496	50,823,301	59,183	668		
Total melting and refining	81,953,487	81,956,814	56,983,309	81,954	3,327		
Total coining	16,064	16,327	663	8	263		
Grand total	81,969,551	81,973,141	56,983,972	81,962	3,590		

SILVER BULLION

Philadelphia Mint:							
Melting and refining	99,253,780	99,254,803	67,930,182	148,881	1,023		
Coining	66,909,426	66,899,894	66,595,208	66,909		9,532	0.1431
San Francisco Mint:							
Melting and refining	256,913,636	256,922,364	7,822,649	385,370	8,728		
Coining	4,718,626	4,718,685	4,664,701	4,719	59		
Denver Mint:							
Melting and refining	10,490,238	10,492,182	5,844,538	15,735	1,944		
Coining	5,343,933	5,343,757	4,983,379	5,344		176	.0353
New York Assay Office:							
Melting and refining	4,701,107	4,706,609	1,572,355	7,052	5,502		
Total melting and refining	371,358,761	371,375,958	83,169,724	557,038	17,197		
Total coining	76,971,985	76,962,336	76,243,288	76,972		(net) 9,649	.1266
Grand total	448,330,746	448,338,294	159,413,012	634,010	(net) 7,548		

NICKEL COINAGE METAL

Philadelphia Mint:	*Gross ounces*	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Melting and refining	8,234,689	8,205,724	5,865,849			28,965	4.9379
Coining	25,495,835	25,486,314	21,834,937			9,521	.4360
San Francisco Mint:							
Melting and refining	5,153,347	5,143,061	4,168,961			10,286	2.4673
Coining	4,139,777	4,133,858	4,139,445			5,919	1.4299
Denver Mint:							
Melting and refining	5,508,581	5,492,507	5,492,448			16,074	2.9266
Coining	6,391,041	6,389,345	6,145,627			1,696	.2760
Total melting and refining	18,896,617	18,841,292	15,527,258			55,325	3.5631
Total coining	36,026,653	36,009,517	32,120,009			17,136	.5335
Grand total	54,923,270	54,850,809	47,647,267			72,461	1.5208

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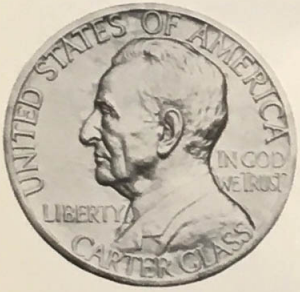


10

COMMEMORATIVE HALF DOLLARS.

8. Delaware, Swedes landing tercentenary.
9. Wisconsin, Centennial of territorial government.
10. Lynchburg, Va., sesquicentennial of founding.

BRONZE COINAGE METAL

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	33, 638, 836	33, 543, 632	29, 650, 329			95, 194	3. 2106
Coining	48, 339, 696	48, 302, 136	46, 562, 637			37, 559	. 8066
San Francisco Mint:							
Melting and refining	5, 984, 816	5, 975, 423	4, 391, 568			9, 393	2. 0457
Coining	4, 902, 959	4, 901, 622	4, 902, 781			1, 337	. 2909
Denver Mint:							
Melting and refining	10, 943, 103	10, 927, 894	7, 580, 780			15, 209	2. 0039
Coining	10, 018, 629	10, 016, 504	9, 212, 375			2, 125	. 2307
Total melting and refining	50, 566, 735	50, 446, 949	41, 831, 677			119, 796	2. 8648
Total coining	63, 261, 283	63, 220, 262	60, 277, 793			41, 021	. 6805
Grand total	113, 428, 018	113, 267, 201	102, 109, 470			160, 817	1. 5749

Commercial and certificate bars manufactured, fiscal year 1937

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	13, 084	4, 302, 558	$150, 589, 530	2	315
San Francisco	2, 846	2, 701, 963	94, 568, 705	1, 142	15, 059
Denver	22	577	20, 195		
New York	119, 135	46, 718, 489	1, 635, 147, 132	201	22, 286
Total	135, 087	53, 723, 587	1, 880, 325, 562	1, 345	37, 660

Sweeps cellar operations, fiscal year 1937 (includes crushed discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Melting department	Philadelphia	76	7, 448	484. 567	8, 919. 24		
Do	San Francisco	150	10, 809	20. 918	364. 21	22. 751	583. 41
Refinery	do	244	18, 441	381. 232	328. 55	193. 191	553. 41
Do	Denver	1, 278	136, 818			352. 441	1, 009. 70
Do	New York	1, 963	162, 486			2, 957. 458	5, 218. 71
Coining department	Philadelphia	37	3, 678	243. 000	4, 580. 61		
Do	San Francisco	24	1, 325			13. 415	194. 27
Do	Denver	10	770			5. 316	225. 89
Deposits division	San Francisco	16	1, 115			43. 914	112. 75
Do	Denver	174	18, 550			45. 169	116. 21
Do	New York	187	16, 131			342. 374	123. 00
Total		4, 159	377, 571	1, 129. 717	14, 192. 61	3, 976. 029	8, 207. 35

Bullion Gains and Losses

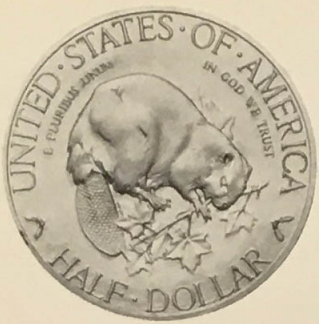
The net gains from operations on gold and silver bullion during the fiscal year 1937 amounted to $176,379.29, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$40,581.58	$51,165.61	$16,376.23	$25,780.93		$133,904.37
Recovered incident to receipt of bullion deposits	6,179.02	4,682.34	724.98	25,003.47	$7,503.16	44,092.97
Gains on lightweight and mutilated coins received for recoinage	4.29	31.34	5.21	1.02		41.86
Gain on bullion shipments					2,751.92	2,751.92
Total gains	46,764.89	55,879.29	17,106.42	50,785.44	10,255.08	180,791.12
Wasted in refining and coining operations	4,330.05		81.78			4,411.83
Net gains	42,434.84	55,879.29	17,024.64	50,785.44	10,255.08	176,379.29

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1937, was $9,363.79. A loss of $2,114.05 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table.

Item	Mint at—			Total
	Philadelphia	San Francisco	Denver	
Silver wastage:				
Coining department	$4,330.05		$81.78	$4,411.83
Nickel wastage:				
Melting and refining department	923.38	$119.57	289.70	1,332.65
Coining department	303.53	68.97	30.56	403.06
Bronze wastage:				
Melting and refining department	2,074.66	81.48	201.49	2,357.63
Coining department	818.57	11.60	28.15	858.32
Loss on sale of sweeps	622.31		1,491.74	2,114.05
Total wastage and loss	9,072.50	281.92	2,123.42	11,477.84
Reimbursements:				
Nickel and bronze wastage on domestic coin, from minor coinage profits	3,842.28	281.92	549.90	4,674.10
Silver departmental wastage offset by other departmental surpluses	4,330.05		81.78	4,411.83
Other wastages and loss on sweeps, from appropriations	900.17		1,491.74	2,391.91
Total reimbursements	9,072.50	281.92	2,123.42	11,477.84



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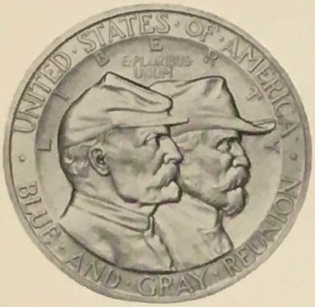

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COMMEMORATIVE HALF DOLLARS.

11. Albany, N. Y., anniversary of founding.
12. Gettysburg, Pa., anniversary of battle.
13. Elgin, Ill., centennial of founding.

Employees

The total number of officers and employees of the mint service on June 30, 1937, was as follows:

Institution	Established under act of—	Employees, by departments					Total	
		General	Engraving	Assaying	Coining	Melting and refining	June 30, 1937	June 30, 1936
Bureau of the Mint	Feb. 12, 1873	47					47	56
Philadelphia Mint	Apr. 2, 1792	193	11	17	169	78	468	419
San Francisco Mint	July 3, 1852	89		14	44	46	193	193
Denver Mint	Apr. 21, 1862	118		9	48	34	209	171
New York Assay Office	Mar. 3, 1853	145		34		54	233	279
New Orleans Mint [1]	Mar. 3, 1835	16					16	18
Seattle Assay Office	May 21, 1898	16					16	16
Fort Knox depository	Aug. 13, 1935 [2]	30					30	
Total, 1937		654	11	74	261	212	1,212	
Total, 1936		667	12	82	217	174		1,152

[1] Conducted as assay office since 1910.
[2] Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin

Section 363, title 31, U. S. Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex-officio members, the others being appointed, without compensation, by the President. The purpose is to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint, February 10, 1937, reported the following results of their examination of the 1936 coinage:

Your committee on counting reports that the packages containing the pieces reserved by the several mints for the trial of coins, in accordance with section 3539 of the Revised Statutes (Sec. 352, title 31, U. S. Code), were delivered to us by the Superintendent of the mint at Philadlephia, and upon comparison with the transcripts kept by the Director of the Mint were found to be correct. Several packages were selected from the deliveries of each month, from each mint, of all denominations coined, and the coins contained therein were counted and found to agree with the number called for in each package.

The committee on assaying has completed the assays on samples taken from different lots of coin representing all denominations coined during the year 1936 by the United States mints at Philadelphia, San Francisco, and Denver.

No gold was coined nor were any standard silver dollars struck at any of the mints during the year 1936.

The result of the assays upon coins and mass melts made from coins is very satisfactory, being well within legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins selected were as follows:

	Thousandths
Highest assay on individual silver coins:	
Philadelphia Mint	900. 5
Denver Mint	901. 0
San Francisco Mint	900. 4
Lowest assays on individual silver coins:	
Philadelphia Mint	898. 6
Denver Mint	898. 6
San Francisco Mint	898. 6
Mass melts:	
Philadelphia Mint	899. 3
Denver Mint	899. 3
San Francisco Mint	899. 3

The committee on weighing reports that in accordance with the rules adopted by the Assay Commission in 1930 the committee received from the committee on assaying the residues of the several parcels of reserved coins, and took therefrom at random from the parcels of each mint such a number of coins of each of the denominations represented and so distributed by dates of coinage as to be sufficient for the purpose of weighing. Accordingly, 233 pieces were selected for weighing.

Each of these coins was weighed to the accuracy of 0.00 grain and the results recorded. The standards used were a set of sealed coin weights and a set of grain weights, delivered to the Commission from the Bureau of Standards, Washington, D. C., under seal and accompanied by certificates signed by the Director of the Bureau. The weighings were made by the method employed for this purpose. This balance was tested before the weighing of the coins was commenced and was found to be accurate and reliable and very well adapted for the work of the committee.

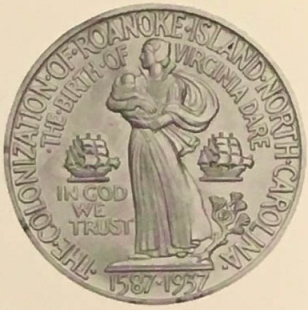
The maximum deviation from the standard, of the heaviest and the lightest coins of each denomination from each mint, is shown in the following table:

Items	Legal deviation allowed	Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
Silver coin:	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollars	1.5	1.18	1.06	0.77	0.83	1.18	0.94
Quarter dollars	1.5	.61	.91	.50	.51	.71	.84
Dimes	1.5	1.02	.35	.62	.51	.99	.58

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1937, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.



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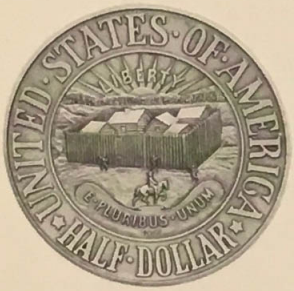

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COMMEMORATIVE HALF DOLLARS.

14. Roanoke Island, N. C., anniversary of colonization.
15. San Francisco-Oakland Bay bridge opening.
16. York County, Maine, tercentenary of founding.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1936

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REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1936

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1936 is estimated to have been 4,367,394 fine ounces, valued at $152,508,800, and the production of silver is estimated at 63,812,176 fine ounces, valued at $49,422,530. A comparison of these figures with those of 1935 indicates about 748,000 fine ounces increase in production of gold and approximately 17,900,000 ounces increase in silver production.

The output of the gold-producing States again increased in 1936. California, the largest producer, made the largest increase, about 178,000 ounces, to a total of about 1,049,000 ounces. Other large increases were made by Nevada, 111,000 ounces; Arizona, 102,000; Alaska, 55,000; Montana, 47,000; Utah, 45,000 and South Dakota, 22,000 ounces. The Philippine Islands, with an increase of over 151,000 ounces, exceeded all of the States in gold production except California.

Silver production also increased in all the large silver-producing States. Idaho with an increase of 4,500,000 ounces strengthened its position as the largest silver producer with a total output of over 14,800,000 ounces. Montana, with an increase of over 3,400,000 ounces moved into second place in output for the year, and Utah with an increase of about 2,600,000 ounces took third place. Other States with large increases were Arizona, nearly 2,800,000; Colorado, 1,500,000; Nevada, 1,100,000; and California with nearly 1,000,000 ounces.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The yield of gold from ores and gravels of Alaska in 1936 was 539,162.60 fine ounces, valued at $18,870,691 compared with 469,495 ounces valued at $16,432,325 in 1935, according to Charles W. Henderson of the United States Bureau of Mines. As there are no smelters or refineries in Alaska, most of the gold produced in 1936 was in the form of bullion sent to the United States mints and assay offices either direct by the operator or through banks in the various districts; the remainder was contained in high-grade ore and concentrates shipped to smelters at Tacoma, Wash., Selby, Calif., and Midvale, Utah. Floating dredges recovered 47 percent of the total gold output. Much the largest producer from this source was the United States Smelting, Refining & Mining Co., operating dredges in the Fairbanks and Nome districts. Other producers of a substantial quantity of gold by dredging were the American Creek Operating Co., Hot Springs district; Arctic Circle Explorations, Fairhaven district; Bartholomae Oil Corporation, Port Clarence district; Gold Placers, Inc., Circle district; J. R. Murphy, Fairbanks district; and New York Alaska Gold Dredging Co., Tuluksak-Aniak district. Gravels handled by dragline scraper in connection with sluicing plants, hydraulicking, and hand sluicing yielded about 18 percent of the total gold output.

The Alaska Juneau Gold Mining Co., operating the Alaska Juneau mine in southeastern Alaska, produced more than three-fourths of the total gold recovered from lode mines in the Territory in 1936. The company mined 4,366,800 tons of material with an average gross gold content of 0.0422 ounce per ton. Of the total mined, 1,904,754 tons were rejected in the sorting process and 2,462,046 tons were treated by amalgamation and flotation concentration. The bulk of the gold recovered was in the form of bullion. Other metals besides gold recovered in commercial quantities in the concentrates were silver and lead. Among other important producers from lode mines in 1936 were the Chichagoff Mining Co., Chichagoff; the Fern Gold Leasing Co., Wasilla; Hirsh-Chichagoff Mining Co., Kimshan Cove; Nabesna Mining Corporation, Chitina; Nukalaska Mining Co., Seward; and Willow Creek Mines, Inc., Luckyshot.

The output of silver in Alaska in 1936 was 427,592 fine ounces, valued at $331,170, of which more than half was contained in copper concentrates from Kennecott and Mother Lode Coalition copper mines at Kennecott. The remainder was a byproduct of lode and placer gold mining operations.

ARIZONA

The production of gold, silver, copper, lead, and zinc in Arizona in 1936 was valued at $56,116,940, an increase from $37,198,809 in 1935, according to C. N. Gerry and Paul Luff, of the United States Bureau of Mines. The ore mined in 1936 was more than double that in 1935 and there was a marked increase in the production of all metals. The increases in the value of gold, silver, and copper were notable and accounted for the majority of the increase in the value of the five metals.

The recoverable gold output from lode and placer mines in Arizona in 1936 was 310,000 fine ounces compared with 241,754.60 fine ounces

at $1,895,604 in 1935; the increase was 12 percent. Placer mines produced 65 percent of the gold and lode mines 35 percent. Almost one-half of the placer gold was recovered by floating dredges of the connected-bucket type, and dragline dredges recovered almost one-third of the placer gold. Other placer mining methods, in order of importance, were small-scale hand methods, hydraulic mining, dry-land dredging, and drift mining. Virtually all of the lode gold was recovered from dry gold ore. Grant, Baker, Josephine, and Jackson Counties were the leading producers of placer gold in 1936, and Baker County produced over one-half of the lode gold during the same year.

Oregon ores, gravels, and retreated tailings yielded 85,061 fine ounces of silver valued at $65,880 in 1936, compared with 110,285 ounces valued at $79,339 in 1935; the decreases were 23 percent in quantity and 17 percent in value. Baker County accounted for three-fifths of the silver production in the State and most of the rest of it came from Grant County; most of the silver was derived from dry gold ores but small quantities were recovered from copper ores and as a byproduct from gold placers.

SOUTH DAKOTA

Mines in South Dakota yielded 586,353.40 fine ounces of gold, valued at $20,522,369, and 144,448 fine ounces of silver, valued at $111,875 in 1936 compared with 567,230.20 ounces of gold, valued at $19,853,057, and 151,047 ounces of silver, valued at $108,565 in 1935, according to Charles W. Henderson and A. J. Martin, of the United States Bureau of Mines. In both years the silver was recovered as a byproduct of gold mining. The producing area in South Dakota is small, comprising only parts of the three southwestern counties—Custer, Lawrence, and Pennington—in the Black Hills region.

The largest gold-producing mine in South Dakota and in the United States is the Homestake mine, at Lead, Lawrence County, which has been producing almost continuously since 1876. In 1936 it produced 1,383,929 tons of ore; revenue from the sale of gold-silver bullion and a small quantity of assay laboratory slag was $19,506,534.78—$315,521.59 more than in 1935. Dividends paid in 1936 were $9,041,760. From 1876 to 1936 inclusive, this mine yielded bullion and concentrates that brought a cash return of $321,508,038 after freight, express, insurance, mint and smelter charges are deducted. This mine has paid $97,062,202 in dividends. At the end of 1936 the reserve of developed ore was 15,270,968 tons.

There were two other important gold-producing companies in South Dakota in 1936, both of which were in Lawrence County. One was the Bald Mountain Mining Co., at Trojan, and the other was the Canyon Corporation operating in the Maitland district. Of the remaining nine producing lode mines 2 were in Lawrence County and 7 were in Pennington County. Placer operations in the three counties yielded only 346.80 ounces of gold in 1936, compared with 936.86 ounces in 1935. The total production of gold and silver (in terms of recovered metals) in South Dakota from the beginning of production in 1875 to the end of 1936, as compiled by Charles W. Henderson, has been 17,055,717 fine ounces of gold and 8,530,474 fine ounces of silver.

TEXAS

All the gold and silver produced in Texas in 1936 came from lode mines. The output, in terms of recovered metals, was 613 ounces of gold, valued at $21,455, and 1,361,459 ounces of silver, valued at $1,054,450 compared with 518 ounces of gold, valued at $18,130, and 1,000,960 ounces of silver, valued at $719,440 in 1935, according to Charles W. Henderson and A. J. Martin of the United States Bureau of Mines. The Presidio silver mine of the American Metal Co. of Texas, in Presidio County, produced the bulk of the State output in both years, the gold (and some lead) having been recovered in relatively small quantity with the silver. The Plata Verde mine in Hudspeth County was a substantial producer of silver in 1936 from highly siliceous ore shipped to the copper smelter at El Paso from an open cut. The old Hazel mine in Culberson County and the Caruthers mine and a prospect in Hudspeth County were the other producing mines in 1936. The total production of gold and silver in Texas (in terms of recovered metals) from the beginning of production in 1885 to the end of 1936, compiled from all sources by Charles W. Henderson—mostly from the Presidio mine—has been 6,098 fine ounces of gold and 25,990,966 fine ounces of silver.

UTAH

The output of gold, silver, copper, lead, and zinc from mines in Utah in 1936 was valued at $48,836,356, an increase from $31,651,571 in 1935, according to C. N. Gerry and T. H. Miller, of the United States Bureau of Mines.

The gold output was 223,444.00 ounces, valued at $7,820,540, an increase from 184,759.80 ounces in 1935. It was slightly more than the average annual output (184,325.46 ounces) for the decade 1927 to 1936. Siliceous ore and old tailings (chiefly gold ore) yielded 80,360.86 ounces, copper ore 117,287.20 ounces, lead-zinc ore 19,732.68 ounces, and lead ore 5,901.86 ounces. Placers yielded only 161.40 ounces of gold, less than one-tenth of 1 percent of the State total. There was an increase of 49,597.41 ounces of gold recovered from copper ore and 1,261.61 ounces of gold from lead-zinc ore, but a decrease of 8,458.67 ounces from siliceous ore and 3,621.35 ounces from lead ore. A marked increase in gold output was made at the Utah Copper mine at Bingham, but decreases were reported from the United States & Lark mine at Bingham, the Park City Consolidated mine at Park City, and the Lewiston Peak mine at Mercur. These decreases were largely due to a metal-mine strike which closed many of the important producing mines in Utah for more than 2 months during the last quarter of 1936. The Liberty property of the Park City Utah Mines Co., the largest producer of gold in the Park City region in 1935, was closed during 1936 due to litigation. The leading producers of gold in Utah were the Utah Copper, United States & Lark, Eureka Standard, Lewiston Peak, Mammoth, Centennial Beck & Victoria, Boston Consolidated, and Utah-Delaware mines. These eight mines yielded 83 percent of the total gold produced in Utah in 1936.

The silver production in Utah increased from an output of 9,206,329 ounces in 1935 to 9,997,645 ounces in 1936. The output in 1936 was 88 percent of the average annual output (11,363,927 fine ounces) for the decade 1927 to 1936; the State ranked third in the United States as a silver producer, following Idaho and Montana. There were

increases in the production of silver from the three chief producing regions—Bingham, Park City, and Tintic. Separated as to source, the silver came principally from lead-zinc ore, which supplied 4,690,095 ounces, compared with 4,418,762 ounces in 1935, an increase of 271,333 ounces, largely from the West Mountain and Park City regions; lead ore supplied 1,155,961 ounces in 1936 compared with 1,029,525 ounces in 1935. Dry or siliceous ore yielded 3,090,029 ounces of silver; copper ore, 1,061,547 ounces; and placers, 13 ounces. First-class crude ore shipped to smelters yielded 4,243,192 ounces of silver, and ore concentrated yielded 5,749,046 ounces. The Tintic district in Juab and Utah Counties produced 2,787,321 ounces, against 2,664,729 ounces in 1935. The Bingham district, Salt Lake County, produced 3,753,539 ounces against 3,455,538 ounces in 1935, and the Park City region, Summit and Wasatch Counties, 2,708,949 ounces, against 2,500,256 ounces in 1935. The five largest producers of silver in Utah were the United States & Lark property at Bingham, the Tintic Standard mine at Dividend, the Silver King Coalition at Park City, the Utah Copper at Bingham, and the Park City Consolidated east of Park City. There were 199 producing mines, of which 171 were lode mines and 28 placers, compared with 203 lode mines and 31 placers in 1935.

WASHINGTON

The output of gold, silver, copper, lead, and zinc from mines in Washington in 1936 was valued at $1,015,771 compared with $394,041 in 1935, according to C. N. Gerry and T. H. Miller, of the United States Bureau of Mines.

The output of gold was 12,217.40 fine ounces, valued at $427,609; an increase from 9,739.60 fine ounces in 1935. Most of the gold output, 11,525.09 fine ounces or 94 percent, came from siliceous gold ores; placers yielded 657.20 fine ounces, or more than 5 percent of the gold. First-class ore of smelting grade—17,678 tons—came from mines in the Republic district, Ferry County, including chiefly the output of the Mountain Lion and Aurum mines. The largest gold producers in the State in 1936 were the Mountain Lion mine at Republic, the Bodie mine at Wauconda, and the Aurum property at Republic. Only 200 tons of gold ore were treated at the Boundary Red Mountain property in Whatcom County in 1936 on account of the failure of the power plant. Gold ore, however, was treated at the Azurite mine in the Slate Creek district of Whatcom County. Crude ore smelted—18,664 tons—yielded 6,241.84 ounces of gold; ore treated at gold and silver mills yielded 4,521.08 ounces of gold in bullion; and 797.28 ounces of gold were recovered from all kinds of concentrates.

The output of silver, chiefly from the Republic district, Ferry County, was 66,900 ounces, an increase of 14,562 ounces over 1935. Of the total silver, 48,064 ounces had its source in siliceous ore, 9,073 ounces in lead-zinc ore, 8,940 ounces in copper ore, 690 ounces in lead ore, and 133 ounces in placer dust and bullion. Crude ore supplied most of the silver or 42,771 ounces; concentrates, 19,424 ounces; and ore treated by amalgamation or cyanidation, 4,572 ounces. The four largest producers of silver, each producing more than 5,000 ounces, were the Mountain Lion at Republic, the Aurum mine also at Republic, the Royal near Chelan, and the Old Dominion near Colville. There were 44 lode mines and 106 placer mines producing in 1936, as compared with 63 lode mines and 172 placer mines

in 1935. The important features of 1936 were the reopening of the mine and mill of the Pend Oreille Mines & Metals Co., the production of copper ore at the Royal Development Co. in the Leavenworth district, and the plans for a new 1,000-ton mill at the Holden mine 50 miles from Chelan.

WYOMING

Lode and placer mines in Wyoming produced, in terms of recovered metals, 1,964.40 fine ounces of gold, valued at $68,754 in 1936 compared with 3,715 ounces valued at $130,025 in 1935, according to Charles W. Henderson and A. J. Martin, of the United States Bureau of Mines. The Atlantic City district, Fremont County, yielded nearly all the gold in 1936; the remainder (40.89 ounces) was contained in ore, amalgamation bullion, and placer dust shipped from scattered districts in Albany, Carbon, and Park Counties. The largest producers were the E. T. Fisher Co. and Jett-Ross Mines, Inc.; both operated placers equipped with dragline buckets and movable screening-sluicing-amalgamation plants. Gold recovered by these plants constituted 78 percent of the total State output in 1936.

The output of silver in 1936 was 1,113 fine ounces of which 839 ounces were produced from silver ore shipped from the Kirwin district, Park County, and 274 ounces were recovered as a byproduct of gold mining. The total production of gold and silver (in terms of recovered metals) in Wyoming from 1867 to 1936, inclusive, according to Charles W. Henderson, has been 73,515 fine ounces of gold and 73,766 fine ounces of silver.

Distribution of the gold and silver production of the United States, in fine ounces, for 1936, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating dredges	All other			
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	4,726			869		
Alaska	189,934	255,803	93,426	161,235	33	266,324
Arizona	315,921		6,487	1,494,588	890,705	6,000,750
California	668,019	288,977	120,448	1,785,899	35,350	282,550
Colorado	353,026	1,528	12,053	1,949,211	260,262	3,693,303
Georgia	304		146	28		
Idaho	45,862	26,098	8,331	10,141,556	4,394,746	1,226
Illinois					1,780	
Maryland	668			33		
Missouri					163,720	
Montana	139,793	19,300	21,116	2,370,390	3,654,387	5,575,786
Nevada	278,167		8,203	3,282,336	1,448,670	337,782
New Mexico	29,659		3,378	459,459	609,404	94,392
New York					18,251	
North Carolina	2,009		28	1,171		4,404
Oregon	21,332	17,067	22,354	80,740		4,321
Pennsylvania	890					8,118
South Carolina	282		5	50		
South Dakota	586,006		347	144,448		
Tennessee	410				1,486	48,844
Texas	613			1,361,301	158	
Utah	223,283		161	3,090,042	5,846,056	1,061,547
Virginia	904		2	96		
Washington	11,560		657	48,197	9,763	8,940
Wyoming	314		1,650	1,113		
Total [3]	2,873,682	608,773	298,792	26,372,762	17,334,771	17,388,287

[1] Contains small quantity of silver from placer mines (less than 110,000 ounces).
[2] Includes silver in lead, silver lead, zinc-lead, zinc and copper-lead ore.
[3] Philippine Islands and Puerto Rico excluded: Philippine Islands report 493,227 ounces of silver from lode mines and 1,517 ounces from placers; also 611,074 ounces of gold from lode mines and 10,894 ounces of gold from placers.

Refinery production (arrivals thereof) of gold mined in the several States and Territories in 1935 and 1936, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1936	Decrease 1936
	1936		1935			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	517,311	$18,105,900	462,406	$16,184,200	54,905	
Alabama	4,780	167,300	2,303	80,600	2,477	
Arizona	318,126	11,134,400	215,806	7,553,200	102,320	
California	1,046,606	36,701,200	870,120	30,454,200	178,486	
Colorado	372,943	13,053,000	356,903	12,491,600	16,040	
Georgia	454	15,900	1,026	35,900		572
Idaho	85,311	2,985,900	84,166	2,945,800	1,145	
Maryland	631	22,100			631	
Montana	185,383	6,488,400	138,271	4,839,500	47,112	
Nevada	286,834	10,039,200	175,794	6,152,800	111,040	
New Mexico	35,966	1,258,800	33,817	1,183,600	2,149	
North Carolina	1,940	67,900	2,177	76,200		237
Oregon	61,940	2,167,900	49,071	1,717,500	12,869	
Pennsylvania	1,051	36,800	889	31,100	162	
South Carolina	274	9,600	2,211	77,400		1,937
South Dakota	589,286	20,625,000	567,120	19,849,200	22,166	
Tennessee	366	12,800	306	10,700	60	
Texas	620	21,700	511	17,900	109	
Utah	223,290	8,164,100	188,111	6,583,900	45,149	
Virginia	914	32,000	246	8,600	668	
Washington	11,646	407,600	8,383	293,400	3,263	
Wyoming	2,003	70,100	3,529	123,500		1,526
Philippine Islands	597,266	20,904,300	446,054	15,611,900	151,212	
Puerto Rico	483	16,900	63	2,200	420	
Total	4,357,394	152,508,800	3,609,283	126,324,900	752,383	4,272
Net increase					748,111	

[1] For method of calculation see p. 48.

Refinery production (arrivals thereof) of silver mined in the several States and Territories in 1935 and 1936, with the increase and decrease in each for the latter year

State and Territory	Production [1]			Increase 1936	Decrease 1936
	1936		1935		
	Ounces	*Value* [2]	*Ounces*	*Ounces*	*Ounces*
Alaska	398,378	$308,544	221,642	176,736	
Alabama	1,107	857	401	706	
Arizona	8,596,186	6,625,766	5,764,831	2,791,355	
California	2,036,556	1,577,313	1,064,616	971,940	
Colorado	6,391,005	4,949,833	4,874,105	1,516,900	
Georgia	27	21	95		68
Idaho	14,814,585	11,473,696	10,314,348	4,500,237	
Illinois	3,288	2,547	2,627	661	
Maryland	30	23		30	
Michigan			4,214		4,214
Missouri	289,408	224,140	132,497	156,911	
Montana	11,498,013	8,905,211	8,066,604	3,431,409	
Nevada	5,172,858	4,006,378	4,056,026	1,116,832	
New Mexico	1,244,133	963,581	1,130,982	113,151	
New York	22,369	17,325	23,528		1,159
North Carolina	5,442	4,215	7,730		2,288
Oregon	103,037	79,802	91,552	11,485	
Pennsylvania	7,987	6,186	7,015	972	
South Carolina	73	56	1,112		1,039
South Dakota	144,777	112,130	139,395	5,382	
Tennessee	48,809	37,803	51,999		3,190
Texas	1,347,671	1,043,771	987,693	359,978	
Utah	11,203,672	8,677,244	8,623,431	2,580,241	
Virginia	101	78	13	88	
Washington	59,943	46,426	45,448	14,495	
Wyoming	1,132	877	1,014	118	
Philippine Islands	461,402	357,356	311,528	149,874	
Puerto Rico	187	145	8	179	
Total	63,812,176	49,422,530	45,924,454	17,899,680	11,958
Net increase				17,887,722	

[1] For method of calculation; see p. 48.
[2] Value at 30.7745 per fine ounce, the average price of newly mined domestic silver received by the Treasury.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value
1792 to July 31, 1834	677,250	$14,000,000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362,812	7,500,000	193,400	$253,400
1845	48,762	1,008,000	38,700	50,200
1846	55,341	1,140,000	38,700	50,300
1847	43,005	889,000	38,700	50,600
Total	1,187,170	24,537,000	309,500	404,500
1848	483,750	10,000,000	38,700	50,500
1849	1,935,000	40,000,000	38,700	50,700
1850	2,418,750	50,000,000	38,700	50,900
1851–55	14,270,625	295,000,000	193,500	259,400
1856–60	12,384,000	256,000,000	309,400	418,300
1861–65	10,716,271	221,525,000	28,810,600	38,674,300
1866–70	12,225,370	252,725,000	49,113,200	65,261,100
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,300	29,396,400
Total	58,279,778	1,204,750,000	118,568,200	157,749,900
1873–75	4,980,631	102,958,800	81,057,900	103,285,000
1876–80	10,300,633	212,933,000	157,680,500	182,506,400
1881–85	7,730,372	159,801,000	182,840,700	202,806,600
1886–90	8,077,967	166,984,500	231,819,100	227,495,200
1891–95	9,106,834	188,255,000	287,057,000	227,960,100
1896–1900	15,728,572	325,138,400	279,544,300	172,688,800
1901–05	19,365,722	400,303,800	278,798,400	159,543,400
1906–10	22,993,218	475,312,000	277,332,800	162,916,400
1911	4,687,053	96,890,000	60,399,400	32,615,700
1912	4,520,719	93,451,500	63,766,800	39,197,500
1913	4,299,784	88,884,400	66,801,500	40,348,100
1914	4,572,976	94,531,800	72,455,100	40,067,700
1915	4,887,604	101,035,700	74,961,075	37,397,300
1916	4,479,057	92,590,300	74,414,802	48,953,000
1917	4,051,440	83,750,700	71,740,362	59,078,100
1918	3,320,784	68,646,700	67,810,139	66,485,120
1919	2,918,628	60,333,400	56,682,445	63,533,652
1920	2,476,166	51,186,900	55,361,573	60,801,955
1921	2,422,006	50,067,300	53,052,441	53,052,441
1922	2,363,075	48,849,100	56,240,048	56,240,048
1923	2,502,632	51,734,000	73,335,170	60,134,839
1924	2,528,900	52,277,000	65,407,185	43,822,814
1925	2,411,987	49,860,200	66,155,424	45,911,864
1926	2,335,042	48,269,600	62,718,746	39,136,497
1927	2,197,125	45,418,600	60,434,441	34,266,328
1928	2,223,251	46,165,400	58,462,507	34,200,567
1929	2,208,386	45,651,400	61,327,868	32,687,754
1930	2,285,603	47,247,600	50,748,127	19,538,029
1931	2,395,878	49,527,200	30,932,060	8,970,294
1932	2,449,032	50,626,000	23,980,773	6,762,578
1933	2,556,246	52,842,300	23,092,629	8,050,920
1934	3,091,183	108,191,400	32,725,353	[2] 21,155,784
1935	3,609,293	126,324,900	45,924,454	33,038,201
1936	4,357,394	152,508,800	63,812,176	49,422,530
Total	180,473,183	3,889,148,700	3,208,783,289	2,474,041,524
Grand total	239,940,131	5,118,435,700	3,387,660,989	2,632,195,924

[1] Gold valued in 1934 and thereafter at $35 per fine ounce; prior thereto at $20.67+ per fine ounce.
[2] Silver valued in 1934 and thereafter at Government's average buying price for domestic product; in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1936

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since gold was revalued and a gold-handling charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1936, with the classes of material from which they were made.

Gold and silver issued for use in the industrial arts during the calendar year 1936 [1]

Items	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$722, 857	146, 477
Bullion in various forms	Private refiners and dealers	32, 245, 080	35, 618, 853
United States coin [2]	Banks, etc.		77, 344
Total		32, 967, 937	35, 842, 674
Old jewelry, plate, scrap, etc., contained in private refineries' and dealers' returns, and that returned to monetary use.		35, 875, 770	16, 703, 353
Net new material used in industry		2, 907, 833	19, 139, 321
Net return from industry			

[1] For explanation of calculation, see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10, 105, 432	$1, 294, 385	$8, 811, 047	$3, 300, 000	$5, 511, 047
1881-85	62, 841, 653	9, 313, 984	53, 527, 669	18, 575, 000	34, 952, 669
1886-90	80, 204, 894	20, 147, 122	60, 057, 772	17, 500, 000	42, 557, 772
1891-95	82, 539, 580	25, 300, 282	57, 239, 298	17, 500, 000	39, 739, 298
1896-1900	84, 827, 364	20, 334, 856	64, 492, 508	17, 500, 000	46, 992, 508
1901-5	142, 479, 032	33, 888, 252	108, 591, 680	17, 500, 000	91, 091, 680
1906-10	190, 745, 845	38, 540, 215	152, 205, 630	17, 500, 000	134, 705, 630
1911	40, 834, 292	7, 731, 238	33, 103, 054	3, 500, 000	29, 603, 054
1912	43, 977, 257	8, 106, 705	35, 870, 552	3, 500, 000	32, 370, 552
1913	45, 864, 066	8, 362, 235	37, 501, 831	3, 500, 000	34, 001, 831
1914	36, 137, 075	12, 934, 974	23, 202, 101	1, 000, 000	22, 202, 101
1915	36, 126, 353	12, 698, 326	23, 428, 027	1, 000, 000	22, 428, 027
1916	50, 042, 175	20, 185, 304	29, 856, 871	1, 000, 000	28, 856, 871
1917	50, 415, 641	19, 082, 196	31, 333, 445	1, 000, 000	30, 333, 445
1918	53, 014, 385	20, 327, 345	32, 687, 040	1, 000, 000	31, 687, 040
1919	76, 132, 251	21, 035, 398	55, 096, 853	1, 000, 000	54, 096, 853
1920	79, 715, 087	29, 534, 478	50, 180, 609	1, 000, 000	49, 180, 609
1921	48, 455, 477	28, 013, 868	20, 441, 609	1, 000, 000	19, 441, 609
1922	56, 613, 658	24, 683, 403	31, 930, 255	1, 000, 000	30, 930, 255
1923	66, 892, 245	31, 265, 070	35, 627, 175	1, 000, 000	34, 627, 175
1924	64, 791, 440	32, 320, 145	32, 471, 295	1, 000, 000	31, 471, 295
1925	61, 225, 870	30, 092, 021	31, 133, 849	1, 000, 000	30, 133, 849
1926	62, 990, 839	32, 063, 448	30, 927, 391	1, 000, 000	29, 927, 391
1927	56, 819, 728	30, 369, 237	26, 450, 491	1, 000, 000	25, 450, 491
1928	56, 581, 659	30, 276, 159	26, 305, 500	1, 000, 000	25, 305, 500
1929	56, 903, 667	32, 030, 531	24, 873, 136	1, 000, 000	23, 873, 136
1930	42, 689, 379	27, 511, 640	15, 177, 739	1, 000, 000	14, 177, 739
1931	29, 157, 865	23, 227, 085	5, 930, 780	1, 000, 000	4, 930, 780
1932	20, 105, 102	26, 104, 769	−6, 480, 667	1, 000, 000	−7, 480, 667
1933	17, 013, 260	22, 805, 960	−5, 792, 700	100, 000	−5, 892, 700
1934	14, 232, 795	75, 927, 285	−61, 694, 490		−61, 694, 490
1935	25, 929, 497	58, 390, 675	−32, 461, 178		−32, 461, 178
1936	32, 967, 937	35, 875, 770	−2, 907, 833		−2, 907, 833
Total	1, 879, 373, 700	850, 264, 361	1, 029, 109, 339	138, 975, 000	890, 134, 339

SILVER

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2, 793, 929	203, 540	2, 590, 389	464, 063	2, 126, 326
1881-85	20, 773, 758	1, 573, 954	19, 199, 804	773, 435	18, 426, 369
1886-90	28, 307, 646	3, 378, 303	24, 929, 343	773, 435	24, 155, 908
1891-95	39, 985, 973	4, 754, 381	35, 231, 592	541, 406	34, 690, 186
1896-1900	51, 070, 576	5, 998, 567	45, 072, 009	386, 720	44, 685, 289
1901-05	97, 627, 723	15, 007, 946	82, 619, 777	386, 720	82, 233, 057
1906-10	122, 764, 809	18, 342, 642	104, 422, 167	386, 720	104, 035, 447
1911	32, 013, 685	5, 725, 582	26, 288, 103	77, 344	26, 210, 759
1912	29, 936, 520	7, 291, 699	22, 644, 821	77, 344	22, 567, 477
1913	30, 992, 834	7, 894, 466	23, 128, 368	77, 344	23, 051, 024
1914	29, 309, 961	6, 788, 330	22, 551, 631	77, 344	22, 474, 287
1915	29, 968, 115	7, 001, 875	22, 966, 240	77, 344	22, 888, 896
1916	32, 103, 507	9, 899, 246	22, 204, 261	77, 344	22, 126, 917
1917	27, 039, 845	11, 041, 038	15, 998, 807	77, 344	15, 921, 463
1918	36, 252, 596	9, 530, 263	26, 722, 333	77, 344	26, 644, 989
1919	32, 700, 521	6, 463, 002	26, 237, 519	77, 344	26, 160, 175
1920	27, 97 4, 521	8, 694, 392	19, 280, 129	77, 344	19, 202, 785
1921	35, 867, 946	7, 024, 318	28, 843, 628	77, 344	28, 766, 284
1922	37, 910, 099	6, 623, 568	31, 286, 531	77, 344	31, 209, 187
1923	36, 824, 977	8, 469, 806	28, 355, 171	77, 344	28, 277, 827
1924	33, 594, 816	8, 930, 580	24, 664, 236	77, 344	24, 586, 892
1925	39, 826, 579	9, 897, 416	29, 929, 163	77, 344	29, 851, 819
1926	39, 408, 393	10, 000, 792	29, 407, 601	77, 344	29, 330, 257
1927	39, 648, 717	10, 185, 427	29, 493, 290	77, 344	29, 415, 946
1928	35, 547, 663	10, 616, 380	24, 931, 283	77, 344	24, 853, 939
1929	42, 359, 082	11, 381, 523	30, 977, 559	77, 344	30, 900, 215
1930	36, 343, 207	9, 468, 829	26, 874, 378	77, 344	26, 797, 034
1931	33, 682, 119	9, 346, 281	24, 335, 838	77, 344	24, 258, 494
1932	24, 257, 967	9, 796, 956	14, 461, 011	77, 344	14, 383, 667
1933	29, 343, 451	18, 532, 880	10, 810, 571	77, 344	10, 733, 227
1934	39, 678, 603	28, 185, 178	11, 492, 425	77, 344	11, 415, 081
1935	41, 192, 023	35, 903, 107	5, 288, 916	77, 344	5, 211, 572
1936	35, 842, 674	16, 703, 353	19, 139, 321	77, 344	19, 061, 977
Total	1, 251, 944, 835	340, 566, 620	911, 378, 215	5, 723, 443	905, 654, 772

[1] Gold valued in 1934 and thereafter at $35 per fine ounce; prior thereto at $20.67+ per fine ounce.
[2] Treated as having priority as regards issue or reissue.

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine gold bars issued for industrial use in exchange for cash by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1936, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1936:		1936—Continued.	
January	$83, 552. 65	September	$40, 233. 85
February	33, 044. 77	October	99, 692. 81
March	45, 221. 87	November	44, 333. 08
April	63, 509. 30	December	38, 827. 39
May	111, 017. 08		
June	55, 439. 55	Total	722, 857. 24
July	103, 353. 37		
August	34, 531. 52	Prior calendar year	383, 347. 12

Domestic coinage of the United States mints during the calendar year 1936

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Silver:					
Half dollars:					
Regular	$6, 308, 950. 50	$1, 942, 000. 00	$2, 126, 200. 00	$10,377,150. 50	20, 754, 301
Albany, N. Y., fiftieth anniversary	12, 506. 50			12, 506. 50	25, 013
Arkansas centennial	5, 005. 00	5, 006. 00	5, 005. 00	15, 016. 00	30, 032
Bay Bridge, San Francisco-Oakland		50, 027. 50		50, 027. 50	100, 055
Bridgeport, Conn., centennial	12, 507. 50			12, 507. 50	25, 015
California-Pacific Exposition			90, 046. 00	90, 046. 00	180, 092
Cincinnati, Ohio, sesquicentennial as a music center	2, 502. 50	2, 503. 00	2, 502. 50	7, 508. 00	15, 016
Columbia, S. C., sesquicentennial	4, 503. 50	4, 003. 50	4, 004. 50	12, 511. 50	25, 023
Daniel Boone bicentennial	6, 006. 00	2, 503. 00	2, 502. 50	11, 011. 50	22, 023
Elgin, Ill., centennial	12, 507. 50			12, 507. 50	25, 015
Great Lakes Exposition—Cleveland, Ohio, centennial	12, 507. 50			12, 507. 50	25, 015
Long Island, N. Y., tercentennial	50, 026. 50			50, 026. 50	100, 053
Lynchburg, Va., sesquicentennial	10, 006. 50			10, 006. 50	20, 013
Oregon Trail	5, 003. 00	2, 503. 00		7, 506. 00	15, 012
Providence, R. I., tercentennial	10, 006. 50	7, 505. 50	7, 505. 00	25, 017. 00	50, 034
Texas centennial	5, 004. 00	5, 004. 00	5, 003. 50	15, 011. 50	30, 023
Wisconsin centennial	12, 507. 50			12, 507. 50	25, 015
York County, Maine, tercentennial	12, 507. 50			12, 507. 50	25, 015
Quarter dollars	10, 325, 939. 25	957, 000. 00	1, 343, 500. 00	12, 626, 439. 25	50, 505, 837
Dimes	8, 750, 413. 00	921, 000. 00	1, 613, 200. 00	11, 284, 613. 00	112, 846, 130
Total silver	25, 558, 430. 25	3, 899, 055. 50	5, 199, 469. 00	34, 656, 954. 75	184, 843, 732
Minor:					
5-cent nickel	5, 950, 071. 00	746, 500. 00	1, 240, 700. 00	7, 937, 271. 00	158, 745, 420
1-cent bronze	3, 096, 375. 69	291, 300. 00	406, 200. 00	3, 793, 875. 69	379, 387, 569
Total minor	9, 046, 446. 69	1, 037, 800. 00	1, 646, 900. 00	11, 731, 146. 69	538, 132, 989
Total coinage	34, 604, 876. 94	4, 936, 855. 50	6, 846, 369. 00	46, 388, 101. 44	722, 976, 721
Prior year:					
Total coinage, value	25, 572, 116. 00	7, 928, 347. 50	5, 080, 460. 00	38, 580, 923. 50	
Total coinage, pieces	405, 792, 072	76, 592, 655	78, 375, 320		560, 760, 047

The coinage for other countries during the calendar year 1936, all by the mint at Philadelphia, totaled 32,350,000 pieces, as compared with 109,600,850 pieces during the prior year coined by the Philadelphia, San Francisco, and Denver Mints, as follows:

Country	Pieces	Country	Pieces
Silver:		Nickel—Continued.	
Cuba	16,000,000	Salvador	2,500,000
Nicaragua	600,000	Venezuela	6,200,000
Venezuela	5,100,000	Total nickel	9,550,000
Total silver	21,700,000	Bronze: Nicaragua	1,100,000
Nickel:		Total coinage	32,350,000
Costa Rica	350,000		
Nicaragua	500,000	Prior year total coinage	109,600,850

Deposits of foreign gold bullion and coin during the calendar year 1936

[On quantity basis; see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$9,415	$70,147,630	$70	$70,157,115	2,004,489
Mexico	3,656,240	19,312,160	70	22,968,470	656,242
Cuba			161,175	161,175	4,605
Dominican Republic	310,520			310,520	8,872
British West Indies	32,305			32,305	923
Other North American countries	4,165			4,165	119
Central America	1,394,960		22,155	1,417,115	40,489
South America:					
Chile	2,283,540		25,130	2,308,670	65,962
Colombia	10,894,030		69,265	10,963,295	313,237
Ecuador	1,431,430		9,555	1,440,985	41,171
Peru	463,750	1,330	34,300	499,380	14,268
Venezuela	479,500			479,500	13,700
Other South American countries	1,575	23,170		24,745	767
Europe:					
France	69,317,150	95,207,735	420	164,525,305	4,700,723
Germany	24,080	17,936,765	105	17,960,950	513,170
Great Britain	43,127,770	567,241,815	2,762,725	613,132,310	17,518,066
Netherlands		2,409,925	419,335	2,829,260	80,836
Switzerland	1,676,150		245	1,676,395	47,897
Europe and Asia: Union of Socialist Soviet Republics		3,839,360		3,839,360	109,696
Asia:					
China	7,673,575	1,288,105		8,961,680	256,048
India	78,956,500	3,495,695		82,452,195	2,355,777
Straits Settlements	13,370	1,458,590		1,471,960	42,056
Other Asiatic countries			35	35	1
Oceania:					
Australia	3,694,915	15,026,060		18,720,975	534,885
New Zealand	68,670			68,670	1,962
Unallocated	277,270	2,879,275	28,700	3,185,245	91,007
Total value	225,790,880	800,267,615	3,533,285	1,029,591,780	
Total ounces	6,451,168	22,864,789	100,951		29,416,908

the calendar year ended Dec. 31, 1936

BASIS; SEE P. 48)

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
42,311	125,022		481,905,768	490,991,981
393,932				64,598,102
81,383	5,345,974		764,439	715,271,882
204,190,635	2,792		9,860	204,269,755
		453,192		453,192
8,280,101			35,714,768	52,657,896
				628,298
58,011,048			28,647,576	87,479,216
693,048			29,368	67,964,533
10,529,733		40,929		10,585,213
				482,432
252,781			14,174,360	33,101,304
	36,089			288,194
29,947,547				29,949,061
18,234,670				18,271,025
				114,382
			1,091,280	4,631,359
2,925,674	3,341		4,130	1,701,751
1,697,621			498,541	540,602,827
				482,001
	482,001		43,044	408,743
16,059	42,764	13,315		
335,296,545	6,037,983	507,436	562,883,134	2,324,273,072
			3,316,107	314,290,112
291,324,275			270,901	2,206,925,387
276,784,780	1,074,985,252			
903,405,600	1,081,023,235	507,436	566,470,142	4,845,488,571
42,579	45,821,518	54,422	773	100,950,854
			340,686	6,456,065,955
56,598,863	6,009,464,305	2,445,148	618,469	22,864,789,268
26,156	22,190,206,198		16,975,110	532,421,540
31,018,942	222,242,249	36,372,335		
991,092,140	29,548,757,505	39,379,341	584,405,180	34,799,736,188
109,487	71,703,363	10,242	1,270	72,045,897
	251,607,047			261,607,047
1,812,171	2,517,374	150,164	66,184	8,156,812
			67,454	331,809,756
1,921,658	325,827,784	160,406		
993,013,798	29,874,585,289	39,539,747	584,472,634	35,131,545,944
				12,435,349,178
49,504,213	5,251,424,332			28,845,245
				1,336,658,188
857,934,056	478,724,132			475,000
150,000	100,000	25,000		
				13,801,328,111
907,588,269	5,730,248,464	25,000		
1,900,602,067	35,604,833,753	39,564,747	584,472,634	48,932,874,055
Value	*Value*	*Value*	*Value*	*Value*
$3,659,72	$1,711,257,79	$573,72	$405,11	$1,727,363,12
2,537,55	1,186,109,34	405,96	290,91	1,197,294,94
34,749,204,58	1,042,713,117,99	1,382,911,47	20,455,846,17	1,226,679,458,86
1,732,647,46	183,799,851,62			435,237,221,29
30,032,933,04	16,758,844,62	875,00		47,809,253,74
66,521,072,35	1,246,169,181,36	1,384,766,15	20,456,542,19	1,712,650,591,95
Number	*Number*	*Number*	*Number*	*Number*
9,547	31,310	3,214	5,043	96,456
133	97	27	4	327
1,953	1,570	5		3,928
				1,027
11,633	32,977	3,246	5,047	101,738

Deposits and purchases of silver during

(ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	3.18	1,361.84
Arizona		97,796.52
California	1.37	573,742.66
Colorado		29.13
Georgia		
Idaho		1,757.45
Maryland	20.38	
Montana		532.72
Nevada	.03	353,338.89
New Mexico	.61	.91
North Carolina	82.71	
Oregon		2,632.82
South Carolina	49.40	
South Dakota		.18
Utah		2.52
Virginia	9.78	
Washington		1.74
Wyoming		
Philippine Islands		392,771.28
Puerto Rico		
Grains, receiving division	263.43	76.19
Total unrefined	430.89	1,424,044.85
Domestic refinery bullion:		
Less than 0.996 fine		
0.996 fine and over	35,278,277.41	23,829,889.53
Total domestic purchases	35,278,708.30	25,253,934.38
Foreign coin	.19	1,001,502.48
Foreign bullion:		
Crude	2,206.06	45,353.28
Refined	39,546,686.06	72,866,711.95
Jeweler's bars, dental scrap, etc	187,155.28	103,921.35
Nationalized refined bars	107,114.40	
Total deposits purchased	75,121,870.29	99,271,423.44
REDEPOSITS PURCHASED		
Domestic coin purchased as bullion	2,908.71	434.95
Bars stamped by U. S. Government		
Surplus bullion (recoveries)	885.65	13,354.75
Total redeposits purchased	3,794.36	13,789.70
Total purchases	75,125,664.65	99,285,213.14
REDEPOSITS TRANSFERRED		
Domestic coins from Treasury	2,940,181.94	441,383.21
Domestic assay pieces	306.13	
Unrefined bars		
Proof bullion		
Total redeposits transferred	2,940,488.07	441,383.21
DEPOSITED IN TRUST		
Foreign bullion, refined	10,637,397.70	
Domestic refinery bars	32,157.55	
Total trust deposits	10,669,555.25	
Grand total, fine ounces	88,735,707.97	99,726,596.35
VALUE	*Value*	*Value*
Cost of purchases	$52,978,712.24	$63,401,671.01
Cost of bullion transferred		
Subsidiary coining value of transferred domestic coin	4,064,956.72	610,172.05
Monetary value (at $1.29+ per fine ounce) of bullion transferred		
Monetary value (at $1.29+ per fine ounce) of purchases	97,132,172.32	128,368,760.28

the calendar year ended Dec. 31, 1936

BASIS; SEE P. 48)

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
47,968.04	17.97		22,044.95	71,395.98
91.17				97,887.69
15.85	1,168.88		178.56	575,107.32
46,190.50	.66		.73	46,221.02
		26.78		26.78
12,554.34			3,110.69	17,422.48
				20.38
116,352.55			1,855.83	118,741.10
139.91			4.04	353,482.87
190,744.91		4.98		190,751.41
				82.71
2,239.89			637.70	5,510.41
	10.09			59.49
20,342.65				20,342.83
5,909.17				5,911.69
				9.78
3,385.85	1.00		207.95	3,596.54
239.45			.51	239.96
127.33				392,898.61
	187.38			187.38
9.70	15.05	4.86	18.14	387.37
446,311.31	1,401.03	36.62	28,059.10	1,900,283.80
			5.60	
129,243.30				129,248.90
7,806.63	100,392.30			59,216,365.87
583,361.24	101,793.33	36.62	28,064.70	61,245,898.57
.02	17.46	.82		1,001,520.97
				188,459.08
29,311.17	110,987.61	600.96		271,851,296.01
36,619,271.42	122,818,626.58		7,616.34	499,462.29
9,591.44	180,288.80	10,889.08		135,021.18
16,794.95	11,111.83			
37,258,330.24	123,222,825.61	11,527.48	35,681.04	334,971,658.10
				3,737.31
393.65	531.67			531.67
	1,800.12	42.82	109.92	26,313.26
10,120.00				
10,513.65	2,331.79	42.82	109.92	30,582.24
37,268,843.89	123,225,157.40	11,570.30	35,790.96	334,952,240.34
				4,285,721.99
904,156.84				306.13
				424,987.88
92,951.30	332,036.58	149.90		1,648.78
	1,498.88			
997,108.14	333,535.46	149.90		4,712,664.78
				10,637,397.70
				32,157.55
				10,669,555.25
38,265,952.03	123,558,692.86	11,720.20	35,790.96	350,334,460.37
Value	*Value*	*Value*	*Value*	*Value*
$17,061,190.55	$65,171,301.03	$5,135.64	$15,840.93	$198,633,851.40
46,077.89	166,737.57	68.69		212,884.15
1,249,914.41				5,925,043.18
				$1,648.98
79,581.87	1,937.95	129.16		433,069,562.65
48,185,979.93	159,321,415.36	14,959.58	46,275.18	

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1936

[On quantity basis; see p. 48]

Denomination	From Treasury stock	Purchased	Total
	Value	*Value*	*Value*
Double eagles	$158,011,720.00	$1,485,500.00	$159,497,220.00
Eagles	61,242,820.00	1,110.00	61,243,930.00
Half eagles	36,486,230.00	2,187.50	36,488,417.50
Quarter eagles	1,634,622.50	1,422.50	1,636,045.00
3-dollar pieces	2,418.00	48.00	2,466.00
1-dollar pieces	3,639.00	268.00	3,907.00
Mixed	52.75		52.75
Total gold, face value	257,381,502.25	1,490,536.00	258,872,038.25
Total value of gold content at $20.67+ per ounce	257,061,481.65	1,489,320.44	258,550,802.09
Trade dollars		10.00	10.00
Standard dollars		514.00	514.00
Half dollars	2,564,741.00	1,831.50	2,566,572.50
Quarter dollars	2,754,799.25	1,731.50	2,756,530.75
20-cent pieces	13.40		13.40
Dimes	1,154,319.70	1,813.70	1,156,133.40
Half dimes	242.45	.55	243.00
3-cent pieces	83.19	.15	83.34
Total silver, face value	6,474,198.99	5,901.40	6,480,100.39
5-cent pieces, nickel	513,243.05	303.80	513,546.85
3-cent pieces, nickel	108.09		108.09
1-cent pieces, nickel	46.83		46.83
Total nickel, face value	513,397.97	303.80	513,701.77
2-cent pieces, bronze	121.44		121.44
1-cent pieces, bronze	74,222.32	1,786.04	76,008.36
Total bronze, face value	74,343.76	1,786.04	76,129.80
1-cent pieces, copper	56.73		56.73
Total minor, face value	587,798.46	2,089.84	589,888.30
Total face value	264,443,499.70	1,498,527.24	265,942,026.94
SUMMARY			
Metal obtained by melting the above:	*Weights*	*Weights*	*Weights*
Gold, fine ounces	12,435,349.178	72,045.875	12,507,395.053
Silver, do	4,285,721.99	4,043.44	4,289,765.43
Nickel, gross ounces	1,567,781.81	962.51	1,568,744.32
Bronze, do	723,676.46	17,801.46	741,477.86
Copper, do	1,819.60		1,819.60
Monetary value of metal obtained:	*Value*	*Value*	*Value*
Gold [1]	$435,237,221.23	$2,521,005.63	$437,758,826.86
Silver	5,924,619.94	5,586.48	5,930,206.42
Nickel	487,526.10	299.36	487,825.46
Bronze	72,367.59	1,780.14	74,147.73
Copper	51.98		51.98
Total	441,721,786.84	2,529,271.61	444,251,058.45
Loss by recoinage:			
Gold			
Silver	549,579.05	314.92	549,893.97
Nickel	25,871.87	4.44	25,876.31
Bronze	1,976.17	5.90	1,982.07
Copper	4.75		4.75
Total	577,431.84	325.26	577,757.10

[1] At $35 per fine ounce.

Summary of exports and imports of gold and silver, calendar year 1936

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$27,533,521	$1,144,117,412	$2,965,493	$182,816,199
In ore and base bullion	842,573	73,705,464	530,545	19,574,346
Refined bullion	26,690,938	1,067,679,844	1,241,306	99,964,158
Coin:				
United States	10	1,810	29,771	340,377
Foreign		2,730,294	1,163,871	62,937,318

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction

of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such, since it was demonetized January 31, 1934; unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Deposits and purchases of gold during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	17,606	9,672,054
Arizona		39,872,676
California	6,916	708,975,195
Colorado		6,147
Georgia		
Idaho	2,742	7,967,792
Maryland	675,326	
Montana		35,650
Nevada		69,945,309
New Mexico		2,257
North Carolina	436,525	
Oregon		21,483,677
South Carolina	22,977	
South Dakota		1,514
Texas		
Utah		
Virginia	186,169	
Washington		2,400
Wyoming		
Philippine Islands		653,692,669
Puerto Rico		
Guam, receiving division	378,250	116,720
Total unrefined	2,460,774	1,957,480,169
Domestic refinery bullion:		
Less than 0.995 fine		19,640,626
0.995 fine and over		913,870,044
Total domestic purchases	2,460,774	2,891,005,833
Foreign coin	74,127	85,701
Foreign bullion:		
Crude	14,973,169	328,237,626
Refined		1,784,161,813
Jewelers' bars, dental scrap, etc	101,263,365	43,054,464
Total deposits purchased	167,771,465	4,672,635,536
REDEPOSITS PURCHASED		
Domestic coin	33,090	105,431
Bars stamped by U. S. Government		
Surplus bullion (recoveries)	1,146,189	1,326,619
Total redeposits purchased	1,179,279	1,932,450
Total purchases	168,950,774	4,674,138,008
REDEPOSITS TRANSFERRED		
Domestic coin from other Treasury offices (mailed)	4,376,439,709	
Foreign coin from other Treasury offices	673	
Refined bars	26,865,745	
Unrefined bars		
Proof bullion		150,000
Total redeposits transferred	4,303,306,729	150,000
Grand total, fine ounces	4,474,256,903	4,674,288,008
Value of—	*Value*	*Value*
Purchases at $20.67+ per ounce	$3,616,49	$96,629,30
Increment to $35 per ounce	2,080,74	5,562,94
Purchases at $35 per ounce	5,906,705,86	163,361,241,04
Domestic coin from other Treasury offices (mailed)	140,670,080,81	
Foreign coin from other Treasury offices	23,43	
Other transfers	1,009,610,08	5,250,00
Total value at $35 per ounce	156,597,701,45	163,610,080,28
Number of fineness determinations required:	*Number*	*Number*
Deposits of gold and silver	13,461	28,449
Redeposits purchased	31	36
Redeposits transferred	288	31
Deposits in trust	1,826	592
Total determinations	15,606	29,108

the fiscal year ended June 30, 1937

BASIS; SEE p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
55, 559. 87	16. 59		24, 446. 72	81, 384. 13
		4. 99		4. 99
			.36	96, 269. 09
44. 52			146. 88	712, 896. 48
8. 71	1, 339. 88		1. 26	39, 891. 41
39, 888. 47	. 66			40. 23
		40. 23		16, 559. 18
11, 832. 02			3, 100. 68	16. 34
				115, 755. 48
114, 292. 62			1, 460. 17	373, 045. 86
91. 69				216, 021. 83
216, 014. 77		6. 52		87. 22
			577. 79	5, 674. 73
2, 096. 54	. 88			4. 72
				19, 099. 15
19, 098. 97		. 23		. 23
				5, 949. 96
5, 949. 96				15. 66
			153. 57	12, 116. 19
11, 961. 37			. 51	207. 37
206. 86				487, 276. 48
127. 33	. 22			186. 26
	186. 26			403. 63
14. 77	18. 09	3. 12	14. 72	
477, 188. 47	1, 562. 58	55. 09	29, 908. 66	2, 182, 906. 62
			6. 96	125, 431. 60
125, 424. 64	144, 312. 93			60, 937, 127. 76
602, 613. 11	145, 875. 51	55. 09	29, 915. 62	63, 245, 465. 98
. 08	10. 82			867. 37
			1. 45	201, 651. 67
20, 375. 58	145, 108. 12	412. 58		163, 035, 398. 85
32, 753, 392. 19	47, 184, 243. 12	4, 843. 00	5, 618. 87	232, 288. 96
7, 052. 86	117, 665. 04	4, 677. 30		6, 097. 75
1, 909. 88				
33, 385, 343. 70	47, 592. 902. 61	9, 987. 97	35, 535. 94	226, 721, 770. 58
				3, 415. 97
383. 83				531. 67
	531. 67			17, 123. 67
1, 767. 97	5, 502. 37	42. 82		
2, 151. 80	6, 034. 04	42. 82		21, 071. 31
33, 387, 495. 50	47, 598, 936. 65	10, 030. 79	35, 535. 94	226, 742, 841. 89
				3, 993, 876. 54
817, 172. 21				446. 71
				1, 738, 407. 28
1, 738, 407. 28				3, 397. 59
100. 00	3, 047. 76	199. 83		
2, 555, 679. 49	3, 047. 76	199. 83		5, 736, 128. 12
				16, 741, 040. 87
				3, 019, 896. 93
				2, 457, 077. 89
				22, 218, 015. 69
35, 943, 174. 99	47, 601, 984. 41	10, 230. 62	35, 535. 94	254, 696, 985. 70
Value	*Value*	*Value*	*Value*	*Value*
$15, 234, 883. 53	$21, 545, 080. 42	$4, 411. 38	$15, 632. 38	$126, 609, 298. 64
1, 616, 582. 71	1, 391. 63	91. 16		4, 510, 333. 49
1, 129, 666. 09				5, 521, 787. 79
2, 247, 766. 99	3, 940. 54	258. 36		2, 252, 690. 54
43, 167, 670. 95	61, 542, 059. 51	12, 969. 10	45, 945. 46	293, 162, 462. 25

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–10	1,027,923,621	24,424,096	292,690,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921	72,714,480	1,887,929	509,493,374	76,813,705	12,798,620	673,708,108
1922	69,746,328	2,491,089	346,479,206	123,967,764	14,300,128	556,984,515
1923	74,102,007	2,340,594	192,071,404	48,803,348	12,834,532	330,151,885
1924	81,777,074	3,008,442	276,706,141	116,698,431	13,242,795	491,432,883
1925	78,677,663	1,812,398	83,062,092	34,418,655	13,194,277	211,165,085
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 [2]	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,004,019,947	1,115,448,840	28,895,412	25,813,143	2,513,361,513
1937	199,478,002	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
Total	6,104,031,561	2,865,422,274	7,681,142,731	2,008,587,598	488,023,865	19,147,208,029

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are at $35 per fine ounce; prior thereto at $20.67+.
[3] Includes coin converted into bullion.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of silver deposited							Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–80	134,328,580	936,844	----------	9,650,739	----------	2,432,822	1,485,882	148,834,907
1881–90	262,693,183	9,520,744	----------	13,592,062	----------	6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524	----------	10,741,204	----------	3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,303,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–20	75,026,914	18,198,526	708	19,881,277	[4] 4,288,901	17,880,262	7,687,482	142,964,070
1921–30	218,245,969	20,522,169	----------	22,242,803	----------	6,865,352	8,625,420	276,501,713
1931	1,566,216	2,615,196	----------	1,333,817	----------	78,174	583,107	7,176,510
1932	594,613	4,937,134	----------	989,943	----------	365,720	679,242	7,566,652
1933	567,579	5,580,855	----------	627,680	----------	5,594	728,225	7,509,933
1934	10,909,547	5,026,105	----------	21,488,552	----------	17,468	586,358	38,028,030
1935	[4] 140,540,635	5,840,287	----------	294,409,533	[5] 42,324	165,433	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179	----------	558,830,375	[5] 1,241	1,000,917	630,566	614,375,240
1937	[4] 63,251,692	3,997,293	----------	163,237,051	----------	867	249,816	230,736,719
Total	1,241,608,814	132,181,663	618,724	1,136,028,778	36,927,425	46,869,032	38,880,569	2,633,115,005

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1937

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
	Value	*Value*	*Value*
Double eagles	$65,607,960.00	$1,503,640.00	$67,111,600.00
Eagles	22,007,770.00	1,150.00	22,008,920.00
Half eagles	805,760.00	1,307.50	807,067.50
Quarter eagles	20,440.00	1,277.50	21,717.50
3-dollar pieces	66.00	57.00	123.00
1-dollar pieces	216.00	239.00	455.00
Total gold, face value	88,442,212.00	1,507,671.00	89,949,883.00
Total value of gold content at $20.67+ per ounce	88,402,268.38	1,506,497.48	89,908,765.86
Trade dollars		11.00	11.00
Standard dollars		339.00	339.00
Half dollars	2,498,536.00	1,877.50	2,500,413.50
Quarter dollars	2,490,307.25	1,722.00	2,492,029.25
20-cent pieces	1.00		1.00
Dimes	1,032,126.20	1,730.50	1,033,856.70
Half dimes	187.50	.55	188.05
3-cent pieces	48.48	.15	48.63
Total silver, face value	6,021,206.43	5,680.70	6,026,887.13
5-cent nickel pieces	461,968.85	261.30	462,230.15
3-cent nickel pieces	63.69		63.69
1-cent nickel pieces	38.27		38.27
Total nickel, face value	462,070.81	261.30	462,332.11
2-cent bronze pieces	109.04		109.04
1-cent bronze pieces	64,226.35	1,476.89	65,703.24
Total bronze, face value	64,335.39	1,476.89	65,812.28
1-cent copper pieces	53.35		53.35
Total minor, face value	526,459.55	1,738.19	528,197.74
Total face value	94,989,877.98	1,515,089.89	96,504,967.87

SUMMARY

	Weights	*Weights*	*Weights*
Metal obtained by melting above:			
Gold, fine ounces	4,276,459.734	72,876.814	4,349,336.548
Silver, do	3,993,876.54	3,862.68	3,997,739.22
Nickel, do	1,410,465.54	825.09	1,411,290.63
Bronze, do	628,103.30	14,711.78	642,815.08
Copper, do	1,710.15		1,710.15
	Value	*Value*	*Value*
Monetary value of metal obtained:			
Gold [1]	$149,676,090.69	$2,550,688.49	$152,226,779.18
Silver	5,521,170.25	5,338.24	5,526,508.49
Nickel	438,607.37	256.64	438,864.01
Bronze	62,810.25	1,471.18	64,281.43
Copper	48.85		48.85
Total	155,698,727.41	2,557,754.55	158,256,481.96
Loss by recoinage:			
Gold	500,036.18	342.46	500,378.64
Silver	23,463.44	4.66	23,468.10
Nickel	1,525.14	5.71	1,530.85
Bronze	4.50		4.50
Copper			
Total	525,029.26	352.83	525,382.09

[1] At $35 per fine ounce.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year:[1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1929	$852
1891–1900	106,188	1930	1,329
1901–10	14,939	1931	1,193
1911–20	13,986	1932	442
1921	948	1933	513
1922	2,447	1934	504
1923	2,635	1935	649
1924	1,918	1936	638
1925	1,773	1937	339
1926	2,594		
1927	3,638	Total	226,756
1928	1,394		

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face value	Value of new coin producible	Loss	Fiscal year [1]	Face value	Value of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1929	$3,803,020	$3,489,500	$313,520
1901–10	20,479,140	19,225,132	1,254,008	1930	4,347,695	3,944,682	403,013
1911–20	[2] 26,181,212	25,525,323	655,889	1931	5,487,496	4,997,679	489,817
1921	[2] 746,284	702,116	44,168	1932	7,482,437	6,825,156	657,281
1922	2,571,425	2,398,058	173,367	1933	8,467,446	7,715,023	752,423
1923	3,508,345	3,272,750	235,595	1934	7,563,736	6,948,272	615,464
1924	2,224,110	2,063,050	161,060	1935	8,828,214	8,074,032	754,182
1925	2,650,726	2,438,878	211,848	1936	7,200,195	6,587,520	612,675
1926	2,746,730	2,527,848	218,882	1937	6,026,887	5,526,508	500,379
1927	3,936,868	3,637,021	299,847				
1928	4,224,510	3,896,122	328,388	Total	183,449,844	172,356,953	11,092,891

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1937

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$4,480	$90,637,680	$70	$90,642,230	2,589,778
Mexico	2,192,680	27,020,595	70	29,213,345	834,667
Cuba			213,430	213,430	6,098
Dominican Republic	320,250			320,250	9,150
British West Indies	39,515	14,070		53,585	1,531
Other North American countries	2,135			2,135	61
Central America	1,773,415	248,745	1,015	2,023,175	57,805
South America:					
Bolivia	1,153,670			1,153,670	32,962
Chile	2,999,675			2,999,675	85,705
Colombia	16,047,395		7,525	16,054,920	458,712
Ecuador	416,955			416,955	11,913
Peru	9,485		1,470	10,955	313
Venezuela	486,010			486,010	13,886
Other South American countries	3,255	23,170	35	26,460	756
Europe:					
France	123,096,645	150,066,210	6,650	273,169,505	7,804,843
Germany	312,515	18,593,645	280	18,906,440	540,184
Great Britain	88,640,405	754,896,415	565,600	844,102,420	24,117,212
Italy		315,700		315,700	9,020
Netherlands		2,321,095	420,700	2,741,795	78,337
Switzerland	1,676,150	251,090		1,927,240	55,064
Europe and Asia: Union of Socialist Soviet Republics		94,933,230	35	94,933,265	2,712,379
Asia:					
China	5,613,125	459,690		6,072,815	173,509
India	82,895,330	239,855		83,135,185	2,375,291
Japan		42,912,205		42,912,205	1,226,063
Straits Settlements	13,370	1,458,590		1,471,960	42,056
Other Asiatic countries			35	35	1
Africa: Egypt	5,451,145			5,451,145	155,747
Oceania: Australia	5,826,765	18,933,145		24,759,910	707,426
Unallocated	626,575	659,120	35,035	1,220,730	34,878
Total value	339,500,945	1,203,984,250	1,251,950	1,544,737,145	
Total ounces	9,700,027	34,399,550	35,770		44,135,347

Deposits of foreign silver bullion and coin during the fiscal year 1937 [1]

[On quantity basis, see p. 48]

Country	Crude bullion	Coin	Total	Total subsidiary coining value at $1.38+ per fine ounce
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	1		1	$1
Mexico	33,302		33,302	46,037
British West Indies	206		206	285
Dominican Republic	664		664	918
Other North American countries	67		67	93
Central America	33,030	1	33,031	45,662
South America	25,401	3	25,404	35,119
Europe: Great Britain	643		643	889
Asia:				
China	3,700	611	4,311	5,960
India	69,437		69,437	95,990
Other Asiatic countries	15		15	21
Africa: Egypt	11,060		11,060	15,289
Oceania: Australia	21,944		21,944	30,335
Unallocated	2,182	253	2,435	3,366
Total fine ounces	201,652	868	202,520	
Total subsidiary coinage value	$278,765	$1,200		$279,965

[1] Does not include imported silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 163,030,343.57 fine ounces for the fiscal year 1937.

NOTE.—The deposits of foreign silver received in trust for use in coinage for other governments amounted to 22,218,016 fine ounces not included in the above table and consisting of: Chinese coin, 3,019,897 fine ounces; miscellaneous foreign refined, 16,741,041 fine ounces; domestic refinery bars, 2,457,078 fine ounces.

Summary of exports and imports of gold and silver, fiscal year ended June 30, 1937

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$1,259,079	$1,636,751,931	$4,022,161	$99,747,641
In ore and base bullion	541,039	73,159,473	493,871	18,550,615
Refined bullion	718,040	1,562,049,048	909,326	49,045,159
Coin:				
United States		1,605	19,893	367,356
Foreign		1,541,805	2,599,071	31,784,511

Imports and exports of United States gold coin, by fiscal years, since 1870 [1]

[From United States import and export statistics]

Fiscal year ended June 30 [2]—	Imports	Exports	Fiscal year ended June 30 [2]—	Imports	Exports
1870–77		$281,207,579	1928	$33,836,300	$252,575,372
1878–80	$29,188,201	12,235,535	1929	76,599,592	31,534,493
1881–90	43,747,703	71,195,757	1930	94,996,631	2,732,549
1891–1900	190,825,938	499,724,320	1931	253,371,606	39,629,056
1901–10	148,038,281	329,538,094	1932	196,539,282	163,863,560
1911–20	305,377,828	1,123,309,631	1933	15,174,963	13,831,425
1921	29,537,408	107,572,881	1934	5,551,429	4,556,500
1922	19,184,697	17,410,199	1935	6,824,149	
1923	27,745,568	29,177,479	1936	184,123	10
1924	26,058,570	6,874,930	1937	1,605	
1925	14,302,999	122,213,657	Total	1,643,638,016	3,288,149,544
1926	53,171,273	99,785,784	Net exports		1,644,511,528
1927	73,379,780	78,880,733			

[1] After Jan. 31, 1934, data are at rate of $35 per fine ounce for gold content of coin; prior to that date at face value or $20.67+ per fine ounce of gold.

[2] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,982,353	$188,082,608	$240,427,307		$52,344,699
1881–90	214,674,949	43,309,525	259,984,474	277,902,720		18,018,246
1891–1900	580,380,902	60,857,039	641,237,941	543,290,594	$43,290,594	
1901–10	644,494,400	36,469,196	680,963,596	753,853,761		70,890,165
1911–20	1,638,918,105	50,553,630	1,689,471,735	2,491,130,794		801,659,059
1921	19,610,861	4,250,305	23,861,370	891,245,287		867,383,921
1922	35,865,106	1,039,788	36,874,894	275,109,755		238,294,861
1923	27,986,445	778,672	28,645,417	322,713,513		294,072,096
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,564	262,639,790	125,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	105,166,442	5,372,599	110,539,041	105,507,307	391,962,034	
1929	116,431,430	151,496	116,582,926	291,445,032		175,065,706
1930	114,715,001	1,332,241	115,967,322	206,053,686		260,086,363
1931	408,174,330	18,569	408,784,458	412,119,211		145,334,752
1932	790,042,647	13,454,577	803,537,224	305,113,127	448,202,097	
1933	288,014,088	80,638,105	368,652,193	191,196,686	176,455,507	
1934			82,194,864	1,268,070,519		1,185,875,655
1935			1,900,319	1,740,975,115		1,739,074,796
1936			27,593,321	1,144,117,412		1,116,524,091
Total			6,712,977,606	12,621,717,443	1,191,187,150	7,099,926,985
Net imports						5,908,739,835

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$134,961,041	$44,940,117	$190,901,158	$92,457,371	$107,413,787	
1881–90	183,962,434	92,451,372	276,413,806	153,672,260	122,771,604	
1891–1900	417,544,151	90,125,719	507,669,870	180,332,573	327,337,297	
1901–10	476,550,978	68,662,935	545,213,911	367,980,903	177,232,908	
1911–20	957,310,982	108,305,946	1,065,616,928	522,905,141	542,906,457	
1921	24,932,947	27,972,452	51,875,399	63,263,671		11,387,272
1922	25,427,913	3,943,371	29,371,284	70,308,633		7,999,367
1923	49,957,198	23,052,760	73,009,958	74,433,200		1,993,741
1924	91,180,389	15,730,644	106,911,033	73,944,982	33,966,131	
1925	53,502,655	17,324,027	70,826,682	64,393,415	34,332,167	
1926	74,357,287	17,660,977	92,018,264	66,393,608	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,330,863	
1928	64,328,502	23,033,214	87,361,716	65,117,229	19,264,487	
1929	62,527,731	20,369,446	82,897,177	65,930,520	16,467,357	
1930	43,540,258	10,606,908	54,156,164	43,780,541	11,365,743	
1931	32,778,225	5,779,699	38,455,923	35,604,130		3,178,858
1932	10,394,471	5,043,472	15,437,943	18,611,843		5,830,049
1933	14,177,764	4,863,310	19,040,073	60,224,148		41,183,773
1934			18,532,336	102,725,135		84,192,799
1935			15,801,291	554,331,001		538,529,710
1936			2,965,466	182,516,199		179,550,706
Total			3,476,765,896	2,790,323,380	1,335,810,879	672,368,363
Net exports					686,242,516	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Coinage of gold and silver of the United States, by weight and value, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold		Silver		
	Fine ounces	Value	Fine ounces consumed	Dollars coined [2]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
Total	181,073,828	3,743,128,177	1,043,366,440	884,572,989	495,790,575

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31, 1936	
		Grains	*Thousandths*	*Pieces*	*Value*
50 dollars commemorative, Panama Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do [2]	June 28, 1834	64.5	899.225		
Do [2]	Jan. 18, 1837	64.5	900		
Do [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [4]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Gold coin of the United States demonetized by sec. 5 of the act of Jan. 30, 1934 (Gold Reserve Act of 1934), and converted into bullion.
[2] Discontinued by act of Apr. 11, 1930.
[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31, 1936	
		Grains	*Thousandths*	*Pieces*	*Value*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do [1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900		
Do	July 14, 1890	412½	900	855,611,127	[2] $855,611,127.00
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900		
Do	Feb. 21, 1853	192	900	504,368,013	252,184,006.50
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	——do——	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Oregon Trail	May 17, 1926	192.9	900	225,381	112,690.50
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	265,159	132,579.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	66,065	33,032.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	54,055	27,027.50
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	——do——	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	——do——	192.9	900	25,015	12,507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.
[2] See following:

Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof, Oct. 31, 1893		
Act Nov. 1, 1893, to June 12, 1898	$36,087,285	
Act June 13, 1898, war revenue bill	42,139,872	
	108,800,188	
		187,027,345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5,078,472
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face value under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.
[4] Discontinued by act of Mar. 3, 1887.
[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31, 1936	
		Grains	*Thousandths*	*Pieces*	*Value*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N.Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	do	192.9	900	25,015	12,507.50
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine, Tercentennial	do	192.9	900	25,015	12,507.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900	789,198,230	$197,299,557.50
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative:					
Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900	1,625,838,927	162,583,892.70
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do. [10]	Jan. 18, 1837	20¾	900	97,604,388	4,880,219.40
Do. [10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12¾	750	42,736,249	1,282,087.20
Do. [10]	Mar. 3, 1853	11.52	900		
Total silver				3,964,215,395	1,515,861,594.55

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

MINOR COINAGE

Denominations	Authorizing acts	Standard weight	Standard composition	Total coined to Dec. 31, 1936	
		Grains	*Thousandths*	*Pieces*	*Value*
5 cents (nickel)	May 16, 1866	77.16	(2)	1,833,075,185	$91,653,759.25
Do	Feb. 12, 1873				
3 cents (nickel) [1]	Mar. 3, 1865	30	(3)	31,378,316	941,349.48
Do. [1]	Feb. 12, 1873	30	(3)	45,601,000	912,020.00
2 cents (bronze) [3]	Apr. 22, 1864	96	(4)		
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208	(5)	175,850,744	1,758,507.44
Do	Jan. 26, 1796	186			
Do. [5]	Jan. 18, 1837	168			
Do. [7]	Feb. 21, 1857	72	(6)	200,772,000	2,007,720.00
Cent (nickel) [8]	Apr. 22, 1864	48	(4)	6,705,975,252	67,059,752.52
Cent (bronze)	Feb. 12, 1873	48	(4)		
Do	Apr. 2, 1792	132			
Half cent (copper)	Jan. 14, 1793	104	(5)	7,985,222	39,926.11
Do	Jan. 25, 1796	84			
Do. [6]	Jan. 18, 1837	84			
Do. [7]					
Total minor				9,000,637,719	164,373,034.80
Total coinage				13,316,398,472	6,206,453,106.85

[1] Discontinued by act of Sept. 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Discontinued by act of Apr. 22, 1864.
[9] Composed of 88 percent copper and 12 percent nickel.

Coinage of each mint, by value, with grand total pieces,

Denomination	Philadelphia, 1792–1906	San Francisco, 1854–1936	Denver, 1906–36
Gold:			
50 dollars		$150, 950. 00	
Double eagles	$1, 420, 602, 540. 00	1, 792, 690, 520. 00	$202, 160, 000. 00
Eagles	345, 549, 320. 00	145, 364, 000. 00	50, 092, 800. 00
Half eagles	209, 645, 105. 00	148, 140, 040. 00	26, 463, 300. 00
3 dollars	1, 357, 716. 00	186, 300. 00	
Quarter eagles	42, 413, 887. 50	1, 886, 287. 50	2, 704, 200. 00
Dollars	18, 573, 821. 00	115, 266. 00	
Total gold	2, 041, 345, 289. 50	2, 050, 753, 433. 50	350, 420, 300. 00
Silver:			
Dollars	403, 736, 122. 00	183, 304, 073. 00	47, 406, 100. 00
Trade dollars	3, 187, 324. 00	26, 647, 000. 00	
Half dollars	140, 388, 163. 00	35, 924, 023. 50	18, 625, 917. 00
Quarter dollars	136, 004, 262. 00	23, 937, 534. 25	19, 395, 800. 00
20 cents	11, 342. 00	201, 000. 00	
Dimes	111, 350, 702. 40	23, 946, 518. 90	18, 488, 480. 00
Half dimes	3, 946, 791. 90	119, 100. 00	
3 cents	1, 202, 457. 20		
Total silver	820, 116, 363. 50	304, 229, 249. 65	104, 114, 297. 00
Minor:			
5 cents	78, 065, 494. 25	5, 650, 950. 00	7, 937, 315. 00
3 cents	941, 249. 65		
2 cents	872, 020. 00		
1 cent	58, 870, 619. 96	5, 503, 700. 00	6, 451, 660. 00
Half cent	39, 926. 11		
Total minor	138, 829, 459. 80	11, 154, 650. 00	14, 388, 975. 00
Total value	3, 002, 291, 202. 80	2, 376, 137, 333. 15	468, 923, 572. 00
Total pieces	10, 305, 999, 855	1, 454, 570, 260	1, 177, 220, 884

since organization to close of business Dec. 31, 1936

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total value	Total pieces
				$150, 950. 00	3, 019
$10, 375, 500. 00	$17, 283, 960. 00			3, 852, 112, 120. 00	174, 105, 606
20, 610, 890. 00	2, 997, 760. 00			576, 834, 850. 00	57, 683, 485
4, 616, 625. 00	3, 548, 085. 00	$4, 405, 135. 00	$5, 596, 055. 00	394, 559, 345. 00	78, 911, 869
72, 000. 00			3, 360. 00	1, 659, 370. 00	599, 792
3, 022, 157. 50		544, 915. 00	484, 625. 00	51, 067, 082. 50	20, 426, 833
1, 004, 000. 00		109, 138. 00	72, 959. 00	19, 874, 754. 00	19, 874, 754
48, 704, 172. 50	23, 829, 425. 00	5, 059, 188. 00	6, 106, 569. 00	4, 526, 218, 477. 50	351, 545, 358
187, 111, 529. 00	13, 881, 329. 00			855, 661, 153. 00	855, 661, 153
	4, 211, 400. 00			35, 965, 924. 00	35, 965, 924
40, 112, 338. 00	2, 654, 313. 50			257, 907, 735. 00	515, 815, 510
15, 085, 750. 00	2, 579, 198. 00			197, 309, 563. 25	789, 238, 253
	26, 656. 00			271, 000. 00	1, 355, 000
6, 807, 990. 60	2, 090, 110. 80			162, 583, 892. 70	1, 625, 838, 927
812, 327. 50				4, 880, 219. 40	97, 604, 388
21, 000. 00				1, 282, 087. 20	42, 736, 240
249, 956, 535. 10	25, 445, 009. 30			1, 515, 861, 594. 55	3, 964, 215, 305
				91, 653, 759. 25	1, 833, 075, 185
				941, 349. 48	31, 378, 316
				912, 020. 00	45, 601, 000
				70, 825, 979. 96	7, 082, 397, 996
				39, 926. 11	7, 985, 222
				164, 373, 034. 80	9, 000, 687, 719
298, 660, 707. 60	49, 274, 434. 30	5, 059, 188. 00	6, 106, 569. 00	6, 206, 453, 106. 85	13, 316, 398, 472
419, 656, 513	56, 636, 119	1, 308, 131	1, 378, 710		

Coinage of each mint during

BY NUMBER

Mints	1927	1928	1929	1930
Philadelphia: Gold	3,334,730	9,252,000	2,673,730	
Silver	40,880,054	26,286,085	27,110,000	12,402,000
Minor	182,421,000	157,327,000	223,708,000	180,264,000
Total	226,635,784	192,865,085	261,791,730	192,666,000
San Francisco: Gold	3,107,000			170,000
Silver	8,424,000	13,616,000	8,396,000	3,208,000
Minor	17,706,000	24,202,000	57,902,000	29,723,000
Total	29,237,000	37,818,000	66,298,000	33,290,000
Denver: Gold	180,000			
Silver	7,667,300	5,788,600	7,393,200	
Minor	32,900,000	37,606,000	50,100,000	40,100,000
Total	40,137,300	43,394,600	57,493,200	40,100,000
All mints: Grand total pieces	296,010,084	274,208,285	385,582,930	266,056,000

BY VALUE AND DENOMINATION

PHILADELPHIA				
Gold: Double eagles	$58,935,000	$170,520,000	$35,395,000	
Eagles				
Half eagles			3,310,000	
Quarter eagles	970,000	1,040,000	1,330,000	
Total gold	59,905,000	177,360,000	40,235,000	
Silver: Dollars	848,000	360,640		
Half dollars	20,017	20,018		
Quarter dollars	2,978,000	1,584,000	2,783,000	81,408,000
Dimes	2,808,000	1,948,000	2,302,000	677,000
Total silver	6,654,017	3,922,667	5,382,000	2,085,000
Minor: 5 cents	1,899,030	1,170,350	1,822,300	1,142,450
1 cent	1,444,400	1,341,160	1,852,620	1,574,150
Total minor	3,343,450	2,511,710	3,674,920	2,716,600
Total value	69,902,467	183,794,377	49,291,920	4,801,600
SAN FRANCISCO				
Gold: Double eagles	62,140,000			1,480,000
Eagles				960,000
Total gold	62,140,000			2,440,000
Silver: Dollars	808,000	1,622,000		
Half dollars	1,196,000	970,000	851,000	
Quarter dollars	99,900	961,000	441,000	380,000
Dimes	477,000	740,000	473,000	184,300
Total silver	2,638,000	4,003,000	1,865,000	573,300
Minor: 5 cents	171,500	346,800	387,700	271,750
1 cent	142,760	172,660	501,480	242,860
Total minor	314,260	519,460	889,180	514,610
Total value	65,092,260	4,522,460	2,754,180	3,527,910
DENVER				
Gold: Double eagles	3,600,000			
Silver: Dollars	1,268,900			
Half dollars			500,600	
Quarter dollars	244,100	496,900	336,500	
Dimes	481,200	418,100	503,400	
Total silver	1,994,200	823,000	1,343,500	
Minor: 5 cents	286,500	321,800	418,500	
1 cent	271,700	311,700	417,300	401,000
Total minor	558,200	633,500	835,800	401,000
Total value	6,152,400	1,456,500	2,179,300	401,000
ALL MINTS				
Grand total value	141,147,127	189,773,337	54,225,400	8,730,510

the past 10 calendar years

OF PIECES

1931	1932	1933	1934	1935	1936	Total
2,938,250	5,564,750	758,000				24,801,500
3,150,000	5,404,000		64,150,244	102,140,072	141,772,083	433,245,118
19,396,000	9,062,000	14,360,000	239,293,003	303,652,000	428,638,989	1,756,321,992
25,484,250	20,030,750	15,118,000	303,443,247	405,792,072	570,411,072	2,214,368,610
						3,277,000
1,800,000	408,000	1,786,000	4,663,000	27,590,655	17,080,111	57,162,766
2,066,000				49,002,000	44,060,000	224,659,000
3,866,000	408,000	1,786,000	4,663,000	76,592,655	61,140,111	315,098,766
						286,500
106,500			14,237,106	19,283,320	25,991,538	81,453,114
1,260,000	436,800	5,250	35,926,000	59,092,000	65,434,000	342,338,000
4,480,000	10,500,000	6,200,000				
5,846,500	10,936,800	6,205,250	50,163,106	78,375,320	91,425,538	424,077,614
35,196,750	31,375,550	23,109,250	358,269,353	560,760,047	722,976,721	2,953,544,990

BY VALUE AND DENOMINATION

$58,765,000	$22,035,000	$8,910,000				$360,560,000.00
	44,630,000	3,125,000				47,755,000.00
						3,310,000.00
						3,340,000.00
58,765,000	66,665,000	12,035,000				414,965,000.00
						3,738,706.00
			$954,057.00	$1,576,000.00		14,759,196.50
			3,602,067.50	4,625,036.00	$6,482,058.00	36,530,972.25
	1,351,000		7,978,013.00	8,121,000.00	10,325,959.25	25,386,413.00
315,000			2,408,000.00	5,883,000.00	8,750,413.00	80,415,287.75
315,000	1,351,000		14,942,137.50	20,205,036.00	25,558,430.25	15,908,271.15
			1,010,650.15	2,913,200.00	5,950,071.00	14,381,565.69
193,960	90,620	143,600	2,190,800.00	2,453,880.00	3,096,375.69	30,289,836.84
193,960	90,620	143,600	3,201,450.15	5,367,080.00	9,046,446.69	525,670,124.59
59,273,960	68,106,620	12,178,600	18,143,587.65	25,572,116.00	34,604,876.94	
						63,620,000.00
						960,000.00
						64,580,000.00
						5,473,000.00
			1,011,000.00	1,964,000.00		9,920,383.00
		893,000	1,826,000.00	2,063,327.50	2,021,055.50	4,064,000.00
	102,000			1,415,000.00	957,000.00	4,559,300.00
180,000				1,584,000.00	921,000.00	24,016,683.00
180,000	102,000	893,000	2,837,000.00	7,026,327.50	3,899,055.50	2,499,250.00
				515,000.00	746,500.00	1,746,740.00
60,000				387,020.00	291,300.00	4,245,990.00
8,660				902,020.00	1,037,800.00	92,842,673.00
68,660						
248,660	102,000	893,000	2,837,000.00	7,928,347.50	4,936,855.50	5,730,000.00
2,130,000						2,838,400.00
			1,569,500.00			5,443,357.00
		2,625	1,184,203.00	1,513,160.00	2,242,769.00	4,770,000.00
	109,200		881,800.00	1,445,000.00	1,343,500.00	4,864,800.00
			677,200.00	1,047,700.00	1,613,200.00	17,916,557.00
126,000				4,005,860.00	5,199,469.00	
126,000	109,200	2,625	4,312,703.00			3,246,100.00
			374,000.00	604,600.00	1,240,700.00	2,774,160.00
	105,000	62,000	284,460.00	470,000.00	406,200.00	6,020,260.00
44,800			658,460.00	1,074,600.00	1,646,900.00	
44,800	105,000	62,000				29,666,817.00
2,300,800	214,200	64,625	4,971,163.00	5,080,460.00	6,846,369.00	
61,823,420	68,422,820	13,136,225	25,951,750.65	38,580,923.50	46,388,101.44	648,179,614.59

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	$50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793–95			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			258,650	58,110			
1801			202,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	153,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				358,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				85,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,389,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,090.00	
1848			1,813,340	1,963,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$38,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,631,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,689,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,899,207.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,998
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,573,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	300,882.50	1,326,565
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	3,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,032.50	3,245
1877		43,504,700	211,490	182,680	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,400.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,960	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,573	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,950	1,072,315		48,005.00	
1897		57,070,220	12,774,060	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,393,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,320,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	[2] 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,330	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,868,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	[3] 25,034
1915	[4] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[3] 20,026
1916		15,920,000	1,385,000	1,200,000			[5] 10,014
1917							
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					[6] 10,016
1922		80,670,000					
1923		45,365,000					
1924		206,010,000				1,445,000.00	
1925		190,935,000				[7] 1,615,565.00	
1926		66,785,000	10,140,000			970,000.00	
1927		124,675,000				1,040,000.00	
1928		176,320,000		3,310,000		1,330,000.00	
1929		35,595,000					
1930		1,480,000	960,000				
1931		60,895,000					
1932		22,035,000	44,630,000				
1933		8,910,000	3,125,000				
1934 [8]							
Total: 1874–1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Gold coin of the United States demonetized by sec. 5 of the act of Jan. 30, 1934 (Gold Reserve Act of 1934), and converted into bullion.

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1792–95		$204,791	$161,572.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			694,200.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1311			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	26,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,099.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,769.00	122,780.50	229,628.70	108,285.00	
1840		61,005	1,145,954.00	158,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	263,000.00	98,250.00	
1843		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,565.00	113,450.00	62,450.00	
1850		47,500	1,341,570.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	$59,905.00
1853		46,110	2,430,354.00	4,146,555.00	327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,290.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,600	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,281.25	14,272.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,945.00	189,247.50	58.50
1873	$1,225,000	295,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875[1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876[1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877[1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878[1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,053.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			538,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,331,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,565,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
Total:							
1874–1936	34,740,924	847,629,915	157,366,502.00	175,021,541.75	153,341,813.50		
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20
Grand total	35,965,924	855,661,153	257,907,755.00	197,309,563.25	162,583,892.70	4,880,219.40	1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793–95				$10,660.33	$712.67
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				206,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864			$396,950.00	529,737.14	
1865		$341,460.00	272,800.00	354,292.86	
1866	$737,125.00	144,030.00	63,540.00	98,265.00	
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	
1869	819,750.00	48,120.00	30,930.00	64,200.00	
1870	240,300.00	40,050.00	17,225.00	52,750.00	
1871	28,050.00	18,120.00	14,425.00	39,295.00	
1872	301,800.00	25,860.00	1,300.00	40,420.00	
1873	227,500.00	35,190.00		116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,007.44	39,926.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,880.00	
1927	2,357,050.00			1,858,860.00	
1928	1,839,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,260.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
Total:					
1874–1936	86,312,909.25	73,509.48		65,896,172.52	
1793–1873	5,340,850.00	867,840.00	$912,020.00	4,929,807.44	$39,926.11
Grand total	91,653,759.25	941,349.48	912,020.00	70,825,979.96	39,926.11

Total gold, silver, and minor coinage of the United States, by calendar years

Calendar year	Gold	Silver	Minor	Total
1793–95	$71,485.00	$370,683.80	$11,373.00	$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.59	33,892,306.00
1851	62,614,492.50	774,000.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,490.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,000.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,690.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,632,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	882,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

establishment, for the fiscal year ended June 30, 1937

New York assay office	New Orleans mint	Seattle assay office	Fort Knox bullion depository	Office of Director of the Mint	Total
$62,450.45	$3,035.00	$5,706.80			$115,507.73
196,016.80					409,008.60
3,460,497.28	2,956.41	55,276.97			4,024,575.39
25,880.03					26,481.08
537.92					812.18
					4,024.65
					493.00
		1,321.37			1,321.37
					4,171.06
1,065.80	426.50	262.50			2,890.80
25,003.47	5,554.15	5,039.30			47,183.26
25,780.95					129,492.54
1.02					41.86
	1,013.65	1,738.27			2,751.92
		8.63			2,524.75
					200.00
3,652.30	3.79				5,258.96
					176.66
					17,982,473.79
					7,206,779.97
					3,605,832.72
3,800,895.02	12,989.50	69,353.84			23,663,997.20
					340,815.18
					7,169.20
					28,914.91
					30,854.55
					407,753.84
					34,071,751.04
127.82	2,369.84	6,725.41	$1,678,879.20	$53.82	1,169,599.26
593,443.42	30,952.84	29,784.65	48,162.11	113,746.42	2,583,885.94
91,283.64	1,328.31	2,858.47	9,516.77	90,218.30	902,241.21
1,491.74					2,114.65
			9,800.28		30,854.55
3,865.50					
690,212.12	34,650.99	39,367.93	1,146,358.36	204,018.54	4,688,695.01
					144,193.54
					4,821.86
		1,675.49			1,675.49
		1,675.49			150,690.89
690,212.12	34,650.99	41,043.42	1,146,358.36	204,018.54	4,839,385.90

Appropriations, reimbursements, expenses, and balances, of the mint establishment, fiscal year ended June 30, 1937

Items	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF DIRECTOR OF THE MINT				
Appropriated:				
Regular	$38,360.00	$5,300.00	$50,000.00	$93,660.00
Extra [1]	75,475.82	85,365.41	1,360,294.82	1,521,136.05
Total	113,835.82	90,665.41	1,410,294.82	1,614,796.05
Expended	113,746.42	90,218.30	[3] 1,169,599.26	1,373,563.98
Unexpended balance	89.40	447.11	240,695.56	241,232.07
FIELD SERVICE				
Appropriated:				
Regular				1,464,500.00
Extra [2]				1,558,863.95
Total				3,023,363.95
Reimbursed:				
Philadelphia Mint				376,899.29
Available				3,400,263.24
Expended:				
Philadelphia Mint	1,097,291.96	182,219.69	(38.39)	1,279,511.65
San Francisco Mint	377,843.72	352,455.93	(23.10)	730,299.65
Denver Mint	382,661.42	172,982.41	(19.88)	555,643.83
New York Assay Office	503,443.42	92,775.38	(127.82)	596,218.80
New Orleans Mint	30,952.84	1,328.31	(2,369.84)	32,281.15
Seattle Assay Office	29,784.05	2,858.47	(6,725.41)	32,642.52
Fort Knox Depository	48,162.11	9,516.77		57,678.88
Total expended	2,470,139.52	814,136.96		3,284,276.48
Unexpended balance				115,986.76
TOTAL ENTIRE SERVICE				
Appropriated:				
Regular				1,558,160.00
Extra				3,080,000.00
Reimbursed				376,899.29
Available				5,015,059.29
Expended				4,657,840.46
Unexpended balance				357,218.83

[1] Allocations from appropriation Emergency Banking, Gold Reserve, and Silver Purchase Acts (expended amounts), and from Salaries and Expenses Mints and Assay Offices 1936-37 for transportation of bullion from San Francisco to Denver Mints, and from Philadelphia Mint and New York Assay Office to Fort Knox bullion depository.

[2] Allocation from appropriation, Emergency Banking, Gold Reserve,and Silver Purchase Acts (expended amounts), and the balances of the appropriation Salaries and Expenses Mints and Assay Offices 1936-37.

[3] $9,304.44 chargeable, as indicated below (in parentheses) to the several offices.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1937

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	1,554,833.258	$54,419,167.42	202,199,113.47	$215,860,067.01
San Francisco	7,290,121.019	255,154,241.51	247,691,529.96	235,579,483.96
Denver	107,587,656.355	3,765,567,972.46	56,485,358.75	27,121,986.17
ASSAY OFFICES				
New York	77,570,435.374	2,714,965,248.45	777,105,477.15	731,459,278.32
New Orleans	11,652.681	407,841.21	3,761.79	1,659.64
Seattle	91,108.651	3,188,802.78	3,567.21	1,630.00
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45		
Total	351,925,999.786	12,317,410,009.28	1,283,488,808.33	1,210,024,135.10

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$9,243.25	$219,271,156.58	$1,063,106.23	
San Francisco		88,867,529.12	770,110.00	$48,300.00
Denver	609,311.06	58,956,789.52	680,799.56	308,300.00
ASSAY OFFICES				
New York	42,590.83	63,261,312.90		3,583,995.00
New Orleans		6,878,377.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	661,145.14	437,235,166.12	2,514,015.79	3,940,595.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total
COINAGE MINTS				
Philadelphia	$994,735.66	$202,200.51	$9,326.53	$491,829,033.19
San Francisco	34,030.77	11,969.43	45,282.30	580,510,947.09
Denver	30,053.82	81,912.64	39,946.18	3,853,397,078.41
ASSAY OFFICES				
New York				3,513,312,426.50
New Orleans				7,287,877.85
Seattle				3,190,432.78
BULLION DEPOSITORY				
Fort Knox				5,523,706,735.45
Total	1,058,820.25	296,089.58	94,555.01	13,973,234,531.27

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$490,475,500.97	$260,000.00	$1,093,532.22		$491,829,033.19
San Francisco	580,291,723.51	70,000.00	147,060.00	$2,163.58	580,510,947.09
Denver	3,852,005,460.05	70,000.00	1,320,751.44	866.92	3,853,397,078.41
ASSAY OFFICES					
New York	3,513,303,987.62			8,438.88	3,513,312,426.50
New Orleans	7,287,877.85				7,287,877.85
Seattle	3,190,432.78				3,190,432.78
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45				5,523,706,735.45
Total	13,970,261,718.23	400,000.00	2,561,343.66	11,469.38	13,973,234,531.27

[1] Includes unclassified cash: Philadelphia, $4,147.83; San Francisco, $3,884.62; Denver, $680.22; New York, $313.90; total, $9,026.57.

Stock of Domestic Coin in the United States June 30, 1937 [1]

On June 30, 1937, the stock of domestic coin in the United States was as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1936	$878,796,257	$139,057,119	$1,017,853,376
Coinage executed during fiscal year 1937	32,962,267	12,424,628	45,386,895
Imports United States coin, fiscal year 1937	367,356		367,356
Total	912,125,880	151,481,747	1,063,607,627
Less:			
Exports United States coin, fiscal year 1937	19,893		19,893
United States coin withdrawn from monetary use, face value, fiscal year 1937	6,026,876	527,933	6,554,809
United States coin used in industrial arts, and general disappearance, estimated, fiscal year 1937	100,000		100,000
Total	6,146,769	527,933	6,674,702
Estimated stock of coin in the United States June 30, 1937	905,979,111	150,953,814	1,056,932,925

[1] For method of estimating see p. 48. Gold coin has been withdrawn from use as such and is being converted to bullion.

NOTE.—The number of standard silver dollars coined to June 30, 1937, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 226,756, and the number of Hawaiian dollars melted to June 30, 1934, was 455,329, a total disposition of 301,696,949, leaving in the United States on June 30, 1937, 547,079,825 standard silver dollars and 358,899,286 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,003	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,393	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,856	679,923	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

[2] Gold dollar revalued Jan. 31, 1934, at about 59 percent of its former value.

Stock of Domestic Coin in the United States, December 31, 1936 [1]

On December 31, 1936, the stock of domestic coin in the United States was $1,050,498,012, as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States Dec. 31, 1935	$874,829,073	$136,139,876	$1,010,968,949
Coinage executed, calendar year 1936	34,656,955	11,731,147	46,388,102
Imports United States coin, calendar year 1936	340,377		340,377
Total	909,826,405	147,871,023	1,057,697,428
Less:			
Exports United States coin, calendar year 1936	29,771		29,771
United States coin withdrawn from monetary use, calendar year 1936, face value	6,480,090	589,555	7,069,645
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1936	100,000		100,000
Total	6,609,861	589,555	7,199,416
Estimated stock of coin in United States Dec. 31, 1936	903,216,544	147,281,468	1,050,498,012

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1936, was 847,629,915, which added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (multilated, etc.) since 1883 numbered 226,592, and the number of Hawaiian dollars melted to Dec. 31, 1936, was 455,329, a total disposition of 301,696,785, leaving in the United States on Dec. 31, 1936, 547,079,989 standard silver dollars and 356,136,555 dollars in subsidiary silver coin.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–10 [1]	$461, 306, 021	$58, 613, 159	$34, 283, 578	$554, 202, 758
1911	51, 143, 245	9, 370, 356	4, 019, 825	64, 533, 426
1912	51, 388, 352	11, 413, 021	7, 959, 870	70, 761, 243
1913	41, 299, 073	12, 696, 925	7, 813, 558	61, 809, 556
1914	35, 421, 165	6, 142, 090	7, 626, 125	49, 189, 380
1915	38, 564, 526	8, 361, 692	2, 971, 471	49, 897, 689
1916	52, 210, 988	12, 019, 899	2, 742, 312	66, 973, 199
1917	27, 090, 143	50, 023, 842	2, 656, 203	79, 770, 188
1918	31, 322, 709	202, 503, 389	8, 601, 568	242, 427, 666
1919	14, 440, 703	181, 671, 933	14, 066, 084	210, 178, 720
1920	4, 902, 478	83, 443, 040	5, 970, 531	94, 311, 049
1921	11, 843, 103	29, 916, 641	2, 942, 981	44, 702, 725
1922	10, 682, 662	45, 097, 143	1, 001, 128	56, 780, 933
1923	6, 315, 293	62, 066, 275	681, 762	69, 063, 330
1924	23, 418, 769	79, 593, 505	2, 064, 232	105, 076, 506
1925	8, 371, 476	79, 782, 973	6, 454, 557	94, 609, 006
1926	3, 799, 262	80, 853, 036	3, 891, 161	88, 543, 459
1927	2, 399, 847	54, 748, 487	2, 699, 776	59, 848, 110
1928	544, 052	80, 092, 220	4, 036, 456	84, 672, 728
1929	83, 562	60, 150, 728	2, 554, 128	62, 788, 418
1930	2, 053, 773	47, 320, 561	1, 521, 589	50, 895, 923
1931	4, 653, 596	16, 434, 212	2, 669, 278	23, 757, 086
1932	607, 091	9, 883, 473	3, 359, 330	13, 849, 894
1933	6, 595, 946	8, 609, 401	3, 835, 626	19, 040, 973
1934	6, 628, 829	1, 351, 145	8, 571, 362	16, 551, 336
1935	296, 384	----------	18, 504, 907	18, 801, 291
1936	13, 500	----------	1, 227, 806	1, 241, 306
Total	897, 396, 548	1, 292, 154, 146	164, 727, 204	2, 354, 277, 898

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232, 194, 271	$26, 240, 746	$54, 866, 527	$313, 301, 544
1891–1900	269, 872, 576	63, 081, 893	61, 808, 988	394, 763, 457
1901–10	425, 855, 098	38, 176, 749	17, 907, 809	481, 939, 656
1911	43, 131, 303	5, 208, 615	----------	48, 339, 918
1912	58, 181, 441	9, 329, 080	----------	67, 510, 521
1913	47, 793, 897	3, 674, 207	9, 295	51, 477, 399
1914	27, 554, 123	243, 325	1, 216	27, 798, 664
1915	18, 454, 444	24, 332	32, 435	18, 511, 211
1916–18 [2]	----------	----------	----------	----------
1919	1, 546, 832	2, 766, 240	----------	4, 313, 072
1920	18, 662, 366	24, 727, 149	----------	43, 389, 515
1921	30, 756, 772	16, 789, 537	----------	47, 546, 309
1922	34, 480, 053	16, 457, 043	----------	50, 937, 096
1923	42, 617, 483	10, 115, 264	----------	52, 732, 747
1924	21, 651, 852	1, 791, 582	138, 744	23, 582, 178
1925	24, 391, 639	3, 945, 189	3, 261	28, 340, 088
1926	37, 277, 181	1, 736, 732	1, 325, 776	40, 339, 689
1927	23, 430, 362	694, 776	10, 804	24, 136, 342
1928	19, 756, 973	11, 262, 800	963, 718	31, 983, 581
1929	19, 215, 677	5, 648, 167	----------	24, 863, 844
1930	27, 487, 140	6, 634, 738	145, 854	34, 267, 732
1931 [3]	14, 272, 412	3, 955, 470	392, 919	18, 620, 801
1932	2, 634, 319	4, 907, 127	241, 020	7, 782, 466
1933	2, 720, 612	380, 255	216, 461	3, 317, 328
1934	4, 653, 756	21, 008	170, 574	4, 845, 333
1935	3, 725, 447	1, 550, 346	----------	5, 275, 793
1936	46, 764, 042	905	38, 244	46, 803, 191

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]—	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81	----------	----------	2, 628, 688	----------	----------	162, 343, 853
1881–82 to 1886–87	----------	----------	5, 126, 298	----------	----------	158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 387, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 682
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 386	57, 861, 476	−52, 989, 090
1934–35	79, 992	5, 774, 812	−5, 694, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4, 019, 262	49, 836, 880	48, 320, 802	1, 516, 078

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 tolas, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

United States gold coin held in Canadian reserves since 1885

[From unpublished reports of institutions]

Year ended—	In Government treasury to include 1934; thereafter in Central Bank [1]	In chartered banks		Total
		Number	Value	
June 30—				
1885	$1,916,270	[2]	[2]	[2]
1886	2,482,773	[2]	[2]	[2]
1887	1,818,563	[2]	[2]	[2]
1888	2,768,783	[2]	[2]	[2]
1889	2,799,333	[2]	[2]	[2]
1890	2,874,158	[2]	[2]	[2]
1891	3,648,036	[2]	[2]	[2]
1892	4,237,349	[2]	[2]	[2]
1893	6,043,473	[2]	[2]	[2]
1894	6,883,335	[2]	[2]	[2]
1895	6,954,454	[2]	[2]	[2]
1896	8,219,631	[2]	[2]	[2]
1897	10,338,447	[2]	[2]	[2]
1898	9,637,483	[2]	[2]	[2]
1899	11,487,197	[2]	[2]	[2]
1900	11,086,273	[2]	[2]	[2]
1901	13,001,465	[2]	[2]	[2]
1902	17,260,375	[2]	[2]	[2]
1903	28,554,485	34	$10,875,899	$34,430,384
Dec. 31—				
1904 [3]	29,494,298	34	11,320,323	40,814,821
1905	31,040,149	33	12,836,881	43,877,030
1906	33,529,889	[2]	12,244,213	45,774,102
1907	54,909,076	31	15,679,259	70,588,335
1908	62,988,474	29	17,364,362	80,352,836
1909	68,261,279	28	21,472,620	89,733,899
1910	93,507,764	23	21,330,458	114,838,222
1911	98,648,736	25	19,210,327	117,859,063
1912	[3] 106,642,969		[2]	[2]
1913	86,382,620		41,430,813	127,813,433
1914	86,516,595	19	42,296,553	128,813,148
1915	86,034,920	22	44,271,872	130,306,792
1916	77,899,495	20	52,571,239	130,470,734
1917	75,785,665	19	49,861,330	125,646,995
1918	60,988,110	18	59,809,050	120,797,160
1919	35,896,485	18	53,680,819	89,577,304
1920	35,896,305	17	47,856,405	83,753,710
1921	67,941,550	16	58,337,081	126,278,412
1922	41,090,395	14	36,861,017	77,951,631
1923	77,173,105	13	36,734,226	113,907,331
1924	67,135,310	10	47,937,165	115,072,475
1925	72,427,835	11	38,915,708	111,343,543
1926	51,179,390	11	53,495,253	104,674,643
1927	31,018,970	10	53,241,662	84,260,632
1928	10,995,220	11	47,149,217	58,144,437
1929	28,748,085	11	52,447,520	81,195,605
1930	4,270,780	10	42,121,138	46,391,918
1931	4,271,355	10	32,744,130	37,015,485
1932	4,266,835	10	28,372,425	32,639,260
1933	4,266,850	10	28,399,167	32,666,017
1934	31,853,726			31,853,726
1935	31,854,982			31,854,982
1936				

[1] Central Bank of Canada established in 1935 and gold holdings of chartered banks transferred thereto. United States gold coin stated at face value (on basis of $20.67+ per fine ounce).
[2] Not available.
[3] Held by the Receiver General of the Dominion of Canada.

Average price of an ounce of gold in London and United States equivalent since 1870

Calendar year	Average London price per standard ounce to 1918, inclusive, and per fine ounce thereafter [1]	Equivalent in United States value of London price [2]—		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 9.00	18.9188	20.6387	----------
1919	4 10 1.03	20.0937	21.9204	6.21033
1920	5 12 11.52	25.1958	27.4863	33.17875
1921	5 7 .50	23.8758	26.0463	26.20109
1922	4 13 3.80	20.8144	22.7066	10.01952
1923	4 10 2.90	20.1284	21.9583	6.36381
1924	4 13 8.3	20.8960	22.7978	10.46141
1925	4 5 5.6	19.0634	20.7964	.76410
1926	4 4 11.1	18.9426	20.6646	.12549
1927	4 4 11.2	18.9444	20.6667	.13561
1928	4 4 11.2	18.9444	20.6667	.13561
1929	4 4 11.35	18.9472	20.6697	.15029
1930	4 4 11.93	18.9579	20.6814	.20689
1931	4 12 6.23	20.6366	22.5126	9.07954
1932	5 18 .82	26.3352	28.7293	39.20110
1933	6 4 10.4	27.8516	30.3936	47.21463
1934 (equivalents at old parity)	6 17 7.85	30.7040	33.4952	62.29359

[1] London quotations on gold were changed in September 1919 from the standard ounce to a fine ounce basis; they are in depreciated currency during some periods following 1918.
[2] Conversions on basis of legal monetary parity; exchange not a factor.

Average price of an ounce of gold in London and United States equivalent since 1870—Continued

Calendar year	Average London price per standard ounce to 1918, inclusive, and per fine ounce thereafter	Equivalent in United States value of London price—		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£ s. d.			
1934 (equivalents at new parity)	6 17 7.85	51.9855	56.7114	62.29359
1935	7 2 1.24	53.6663	58.5450	67.5400
1936	7 0 3.45	52.9800	57.7964	65.3977
Mint price per standard ounce (0.916⅔)	3 17 10.50	[3] 18.9492 / [4] 32.0833		.16077
Equivalent per fine ounce	4 4 11.45+		[3] 20.6718 / [4] 35.0000	.16077
Bank rate per standard ounce (0.916⅔)	3 17 9.00	[3] 18.9188 / [4] 32.0318		
Equivalent per fine ounce	4 4 9.82—		[3] 20.6387 / [4] 34.9439	

[3] Prior to February 1934. [4] Under proclamation January 31, 1934

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1729	14.92	1771	14.66	1813	16.25	1855	15.38	1896	30.59
1688	14.94	1730	14.81	1772	14.52	1814	15.04	1856	15.38	1897	34.20
1689	15.02	1731	14.94	1773	14.62	1815	15.26	1857	15.27	1898	35.03
1690	15.02	1732	15.09	1774	14.62	1816	15.28	1858	15.38	1899	34.36
1691	14.98	1733	15.18	1775	14.72	1817	15.11	1859	15.19	1900	33.33
1692	14.52	1734	15.39	1776	14.55	1818	15.35	1860	15.29	1901	34.68
1693	14.83	1735	15.41	1777	14.54	1819	15.33	1861	15.50	1902	39.15
1694	14.87	1736	15.18	1778	14.68	1820	15.62	1862	15.35	1903	38.10
1695	15.02	1737	15.02	1779	14.80	1821	15.95	1863	15.37	1904	35.70
1696	15.00	1738	14.91	1780	14.72	1822	15.80	1864	15.37	1905	33.87
1697	15.20	1739	14.91	1781	14.78	1823	15.84	1865	15.44	1906	30.54
1698	15.07	1740	14.94	1782	14.42	1824	15.82	1866	15.43	1907	31.24
1699	14.94	1741	14.92	1783	14.48	1825	15.70	1867	15.57	1908	38.64
1700	14.81	1742	14.85	1784	14.70	1826	15.76	1868	15.59	1909	39.74
1701	15.07	1743	14.85	1785	14.92	1827	15.74	1869	15.60	1910	38.22
1702	15.52	1744	14.87	1786	14.96	1828	15.78	1870	15.57	1911	38.33
1703	15.17	1745	14.98	1787	14.92	1829	15.78	1871	15.57	1912	33.62
1704	15.22	1746	15.13	1788	14.65	1830	15.82	1872	15.63	1913	34.19
1705	15.11	1747	15.26	1789	14.75	1831	15.72	1873	15.93	1914	37.37
1706	15.27	1748	15.11	1790	15.04	1832	15.73	1874	16.16	1915	40.48
1707	15.44	1749	14.80	1791	15.05	1833	15.93	1875	16.64	1916	30.78
1708	15.41	1750	14.55	1792	15.17	1834	15.73	1876	17.75	1917	24.61
1709	15.31	1751	14.39	1793	15.00	1835	15.80	1877	17.20	1918	21.00
1710	15.22	1752	14.50	1794	15.37	1836	15.72	1878	17.92	1919	18.44
1711	15.29	1753	14.54	1795	15.55	1837	15.83	1879	18.39	1920	20.28
1712	15.31	1754	14.48	1796	15.65	1838	15.85	1880	18.05	1921	32.76
1713	15.24	1755	14.68	1797	15.41	1839	15.62	1881	18.25	1922	30.43
1714	15.13	1756	14.94	1798	15.59	1840	15.62	1882	18.20	1923	31.69
1715	15.11	1757	14.87	1799	15.74	1841	15.70	1883	18.64	1924	30.80
1716	15.09	1758	14.85	1800	15.68	1842	15.87	1884	18.61	1925	29.78
1717	15.13	1759	14.15	1801	15.46	1843	15.93	1885	19.41	1926	33.11
1718	15.11	1760	14.14	1802	15.26	1844	15.85	1886	20.78	1927	36.47
1719	15.09	1761	14.54	1803	15.41	1845	15.92	1887	21.10	1928	35.34
1720	15.04	1762	15.27	1804	15.41	1846	15.90	1888	22.00	1929	38.78
1721	15.05	1763	14.99	1805	15.79	1847	15.80	1889	22.10	1930	53.74
1722	15.17	1764	14.70	1806	15.52	1848	15.85	1890	19.75	1931	71.25
1723	15.20	1765	14.83	1807	15.43	1849	15.78	1891	20.92	1932	73.29
1724	15.11	1766	14.80	1808	16.08	1850	15.70	1892	23.72	1933	59.06
1725	15.11	1767	14.85	1809	15.96	1851	15.46	1893	26.49	1934	73.49
1726	15.15	1768	14.80	1810	15.77	1852	15.59	1894	32.56	1935	54.19
1727	15.24	1769	14.72	1811	15.53	1853	15.33	1895	31.60	1936	77.09
1728	15.11	1770	14.62	1812	16.11	1854	15.33				

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1857	$1.046	1877	$0.92958	1897	$0.46745	1917	$0.69242
1838	1.008	1858	1.039	1878	.89222	1898	.45640	1918	.76142
1839	1.022	1859	1.052	1879	.88028	1899	.46525	1919	.86092
1840	1.023	1860	1.045	1880	.88564	1900	.47958	1920	.78844
1841	1.018	1861	1.031	1881	.87575	1901	.49093	1921	.48801
1842	1.007	1862	1.041	1882	.87833	1902	.40835	1922	.52543
1843	1.003	1863	1.040	1883	.85754	1903	.41960	1923	.50458
1844	1.008	1864	1.040	1884	.85904	1904	.44763	1924	.51906
1845	1.004	1865	1.035	1885	.82379	1905	.47200	1925	.53681
1846	1.005	1866	1.036	1886	.79931	1906	.52353	1926	.48284
1847	1.011	1867	1.027	1887	.75755	1907	.51164	1927	.43838
1848	1.008	1868	1.025	1888	.72083	1908	.41371	1928	.45237
1849	1.013	1869	1.024	1889	.72325	1909	.40231	1929	.41229
1850	1.018	1870	1.027	1890	.80927	1910	.41825	1930	.29751
1851	1.034	1871	1.025	1891	.76416	1911	.41709	1931	.22440
1852	1.025	1872	1.022	1892	.67401	1912	.47543	1932	.21814
1853	1.042	1873	1.00308	1893	.60351	1913	.46760	1933	.27098
1854	1.042	1874	.98909	1894	.49097	1914	.42780	1934	.37344
1855	1.039	1875	.96086	1895	.50587	1915	.40135	1935	.49950
1856	1.039	1876	.90039	1896	.52257	1916	.53094	1936	.35113

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver, and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports, are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics

COINAGE OF NATIONS

CALENDAR YEAR 1935

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			31, 237, 223	$14, 707, 548	22, 773, 448
Albania	Franc			1, 000, 000	86, 688	134, 230
Austria	Schilling	3, 588, 768	$854, 890	28, 155, 609	1, 499, 770	2, 322, 273
Belgium	Belga			45, 800, 000	1, 756, 575	2, 719, 914
British Empire:						
Australia	Pound			164, 900	358, 213	554, 664
British Guiana	do			600	705	1, 091
British India and Udaipur	Rupee			3, 132, 241	695, 360	1, 076, 708
Canada	Dollar			601, 078	232, 914	360, 648
Fiji	Pound			11, 000	12, 917	20, 000
Great Britian	do			2, 707, 516	3, 179, 214	4, 922, 756
Hong Kong	Dollar			6, 811, 993	3, 431, 463	5, 313, 356
Iraq	Dinar			36, 132	67, 321	104, 550
Mauritius	Rupee			50, 000	11, 100	17, 187
New Guinea	Pound			75, 000	154, 946	239, 921
New Zealand	do			250, 000	293, 554	454, 545
Southern Rhodesia	do			244, 650	531, 454	822, 914
Union of South Africa	do			167, 775	315, 207	488, 073
China [3]	Yuan			47, 800, 000	23, 317, 240	36, 104, 860
Colombia	Peso			3, 200, 000	1, 494, 978	2, 314, 853
Cuba	do			12, 000, 000	5, 994, 017	9, 281, 250
France	Franc	610, 210, 000	40, 478, 292	488, 190	6, 893	10, 674
Morocco	do			54, 000, 000	762, 439	1, 180, 575
Tunis	do	303, 300	20, 120	50, 012, 090	706, 132	1, 093, 388
Germany	Reichsmark			368, 730, 185	19, 140, 395	29, 637, 352
Guatemala	Quetzal			30, 000	14, 950	23, 148
Honduras	Lempira			1, 000, 000	233, 591	361, 696
Hungary	Pengo			400, 000	26, 577	41, 152
Irish Free State	Pound			59, 000	103, 914	160, 902
Japan	Yen			5, 869, 167	868, 653	1, 345, 039
Mexico	Peso			43, 900, 425	7, 635, 354	11, 822, 728
Netherlands	Florin			800, 000	148, 834	230, 457
Palestine	Pound			155, 000	270, 273	418, 501
Peru	Sol			2, 023, 000	525, 060	813, 012
Philippine Islands	Peso			128, 000	39, 866	61, 729
Poland	Zloty			27, 800, 000	952, 425	1, 474, 753
Portugal	Escudo			16, 000, 000	332, 867	515, 417
Sweden	Krona			5, 933, 550	634, 829	982, 982
Switzerland	Franc	3, 500, 000	1, 143, 415	15, 000, 000	780, 191	1, 208, 062
Turkey	Pound			6, 722, 000	1, 390, 146	2, 152, 528
Venezuela	Bolivar			20, 000, 000	1, 787, 746	2, 768, 180
Total			42, 496, 817		94, 502, 519	146, 329, 516

[1] At $35 per fine ounce of gold.
[2] At the average price of a fine ounce of silver in New York, $0.64582.
[3] In addition to these coins there were produced for circulation 6,590 silver mint bars "A" (of silver fineness, 0.999) and "B" (of silver fineness of coin. 0.880) each bar containing the same quantity of silver as 1,000 standard silver Yuan (dollars). The bars consumed 4,977,637 fine ounces of silver having a value (on basis of $0.64582 per fine ounce) of $3,214,658.

COINAGE OF NATIONS

CALENDAR YEAR 1936 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			34,656,955	$11,381,781	25,070,554
Arabia, Saudi	Rial			1,000,000	156,059	343,750
Austria	Schilling	3,011,019	$568,138	8,790,309	341,638	752,523
British Empire:						
British Guiana	Pound			500	413	909
British Honduras	Dollar			3,000	942	2,074
British India	Rupee			2,218,003	346,140	762,439
Canada	Dollar			814,486	221,861	488,692
Fiji	Pound			10,000	8,254	18,182
Great Britain	do			3,115,864	2,571,943	5,665,198
Mauritius	Rupee			50,000	7,803	17,188
New Guinea	Pound			30,000	43,569	95,969
New Zealand	do			5,500	4,540	10,000
Nyasaland	do			112,500	171,794	378,409
Southern Rhodesia	do			242,500	370,311	815,681
Trade coins	Dollar			150,125		
Straits Settlements	do			100,000	15,852	34,917
Union of South Africa	Pound			197,330	260,613	574,051
China [3]	Yuan					
Cuba	Peso			15,000,000	5,266,993	11,601,562
France	Franc	768,864,100	51,002,612	951,680	9,446	20,806
Indochina	Piaster			2,000,000	525,460	1,157,427
Tunis	Franc	3,300	222	10,012,090	99,373	218,889
Germany	Reichsmark			333,083,780	12,154,323	26,772,227
Hungary	Pengö			1,822,388	85,119	187,492
Lithuania	Litas			3,664,714	72,213	159,062
Netherlands	Florin			1,500,000	196,171	432,105
Nicaragua	Cordoba			75,000	21,894	48,226
Palestine	Pound			80,500	98,675	217,350
Philippine Islands	Peso			30,000	6,860	15,111
Poland	Zloty			34,600,000	833,292	1,835,486
Rumania	Leu			1,125,000,000	665,035	1,464,868
Sweden	Krona			5,589,224	486,700	1,072,050
Switzerland	Franc			1,200,000	73,126	161,075
Turkey	Pound			5,969,000	867,753	1,911,393
Vatican	Lire	201,500	17,955	150,000	1,828	4,027
Venezuela	Bolivar			5,150,000	313,835	691,281
Total			51,558,927		37,681,609	83,000,973

[1] At $35 per fine ounce of gold.

[2] At the average price of a fine ounce of silver in New York, $0.45399.

[3] There were produced for circulation 3,563 silver mint bars "B" (of silver fineness of coin, 0.880), each bar containing the same quantity of silver as 1,000 standard silver Yuan (dollars). The bars consumed 2,691,247 fine ounces of silver having a value (on basis of $0.45399 per fine ounce) of $1,221,799.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1935 AND 1936

[Insofar as reported to the Director of the Mint]

Country	1935		1936 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
		Fine ounces		*Fine ounces*
United States	$1,297,734,130	7,665,772	$441,836,005	5,689,090
Arabia, Saudi				[2] 352,061
Austria	[2] 16,261	[2] 4,567,275	[2] 48,303	[2] 211,217
British Empire:				
Australia	2,975	[2] 15,577		52,100
British East Africa		[2] 1,668,000		
British India		[2] 28,323,969		[2] 13,444,062
Canada	455	[2] 1,105,740		[2] 537,167
Gold Coast		[2] 105,108		[2] 62,871
Great Britain		424,000		[2] 6,769,907
Jamaica				[2] 18,809
New Zealand		[2] 509,089		[2] 109,395
Nigeria		[2] 116,953		[2] 72,698
Nyasaland		[2] 4,827		[2] 22,409
Sierra Leone				[2] 12,364
Union of South Africa		119,060	11,181	55,274
Chile		[2] 149,705		
China		[2] 12,000,000		
Costa Rica		[2] 224,606		
Cuba		[2] 5,801		[2] 2,707
Danzig		[2] 546,563		
Egypt		[2] 2,250,552		
Ethiopia		[2] 751,970		
France		[2] 10,642		
Tunis		[2] 1,091,743		
Germany		[2] 35,244,026		[2] 28,549,584
Hungary		[2] 181		
Indochina, French		[2] 582,916		[2] 205,732
Mexico		[2] 601,090		
Netherlands	[2] 167	[2] 533,748	[2] 306	[2] 238,592
Dutch Guiana		[2] 62,972		
Netherland East Indies		[2] 1,513,799		[2] 324,079
Netherland West Indies		[2] 88,190		
Nicaragua		[2] 4,245		
Philippine Islands		[2] 42,253		[2] 5,144
Poland		[2] 484,383		[2] 213,545
Rumania		[2] 192,904		[4] [2] 781,263
Sweden		[2] 84,610		[2] 47,193
Switzerland		[2] 724,238		[2] 251,332
Total	1,297,753,988	101,815,805	441,895,795	58,028,585

[1] Gold dollar=23.22 grains of pure gold to 1933, and 13.714+ grains in 1934 and thereafter.
[2] Domestic coin only.
[3] Foreign coin only.
[4] Total up to Dec. 31, 1936.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1935 AND 1936

[Includes new and old bullion, domestic and foreign coin, and other materials, insofar as reported to the Director of the United States Mint]

Country	1935		1936 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$25,929,497	41,192,023	$32,967,937	35,842,674
Austria	701,834	212,015	712,530	244,937
British Empire:				
Australia	300,009	43,875		
Canada	994,933	462,172	1,200,744	1,275,000
Great Britain	10,500,000	7,500,000	11,735,000	8,000,000
New Guinea	1,302		560	
Bulgaria	130,500		137,270	
China		[1] 21,000,000		[1] 21,000,000
Colombia		9,645		
Denmark	151,900	1,414,633		
Egypt	4,261,454	3,061,394	5,487,384	1,111,586
Estonia			56,140	93,076
Ethiopia	25,000			
Finland	244,973	286,865	278,635	326,028
France	18,607,575	5,920,848		
Algeria	761,787	385,809	417,480	181,652
Indochina, French		582,916		
Tunis	128,282	119,880	39,543	18,514
Germany	[2] 7,178,740	[1] 12,000,000		
Guatemala	7,875	610		
Honduras	11,253			3,215
Haiti		4,645		
Hungary	549,924	513,573	645,190	635,828
Iceland	1,688	4,822		
Japan:				
Kwantung Leased Territory (only)	162,040	19,901	121,801	19,846
Latvia	106,741	188,142	119,280	178,276
Lithuania	213,803	73,945	258,825	96,452
Mexico	168,792	48,225	168,792	48,225
Nicaragua	12,375	3,215		
Poland	3,038,400	776,505		
Portugal	3,167,663	874,158	1,885,240	606,838
Rumania	1,409,695	87,932		54,688
Sweden	1,181,544	482,261	1,237,810	437,250
Switzerland	1,960,200	734,206	2,022,663	157,539
Yugoslavia	321,940	92,871	469,140	99,108
Total	82,231,719	98,097,086	59,601,964	70,430,732

[1] Estimated.

[2] Gold delivered by the Reichsbank.

REVISIONS, 1935 MONETARY STOCKS

Principal revisions of monetary stocks for 1935, published in last year's volume, give:

Albania's total silver stock (including that in circulation) as $327,000 instead of $4,000.

Australia's total gold stock as $3,461,000 instead of $4,376,000; total silver stock as $72,394,000 instead of $67,055,000.

Belgium's total gold stock as $610,413,000 instead of $585,988,000.

Chile's silver stock as none instead of $3,851,000.

Danzig's silver stock as none instead of $1,385,000.

Denmark's silver stock as none instead of $1,089,000.

Ecuador's total silver stock as $51,000 instead of $236,000.

Greece's total gold stock as $30,149,000 instead of $32,553,000.

India's, British, paper circulation as 1,709,761,000 rupees instead of 1,720,509,000.

Venezuela's total gold stock as $66,038,000 instead of $42,836,000; total silver stock (including that in circulation) as $34,311,000 instead of $26,679,000; paper circulation as 114,245,000 bolivars instead of 101,589,000.

West Indies', British, Trinidad, paper circulation as $1,781,000 instead of $2,781,000.

West Indies', Netherland, total gold stock as $3,269,000 instead of $3,319,000; total silver stock as $187,000 instead of $237,000, paper circulation as 4,331,000 instead of 4,640,000.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1936

The following compilations have been made from answers to official questionnaires of the United States Mint Bureau, central bank reports, and other official sources, except as indicated by footnote one. It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. The amount of silver in circulation in many countries is not obtainable.

For the United States the figures given cover all monetary gold, monetized silver bullion, and domestic silver coin. All foreign coin which comes into possession of the Government is converted into bullion.

Population figures are principally from the Statistical Yearbook of the League of Nations, 1936–37.

Monetary stock of principal countries of the world, end of calendar year 1936 (subject to revision)

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e. an ounce of fine gold=$35.] Population (000 omitted)

Country	Monetary unit			Gold stock			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face value at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent: On gold basis as defined by most recent known laws	United States equivalent: At average exchange rate during December 1936 [1]	In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
North America:												
United States (includes Alaska, Hawaii, and Puerto Rico)	Dollar	$1.0000	$1.0000	$11,257,626		$11,257,626	$1,679,112	$6,025,793	128,429	$87.66	$13.07	46.92
Canada	do	1.0031	1.0006	[2] 187,287	$70	187,357	[3] 30,718	344,885	11,038	16.91	2.78	22.31
Mexico	Peso	.4440	.2775	[2] [4] 26,000		26,000	[3] 51,116	270,300	18,770	1.39	2.72	14.31
British Honduras	Dollar	1.0031	1.0000	[2] 90		90	190	302	55	1.63	3.45	5.50
Costa Rica	Colon	.7879	[5] .1618					18,675	578			32.31
Cuba	Peso	1.0000	.9992	1,221	123	1,344	84,054	[2] 40,568	4,200	.31	12.81	9.46
Dominican Republic	Dollar	1.0031	1.0000		3	3	731	(6)	1,490		.50	
Guatemala	Quetzal	1.0031	1.0000	5,107	18	5,125	1,037	6,808	2,420	2.19	.68	2.81
Haiti	Gourde	.2000			15	15	[7] [8] 90	[2] 7,710	2,000	.01	.03	3.00
Honduras	Lempira	.5000		[2] 101		101	[2] [9] 2,300	2,057	985	.10	2.33	2.09

Newfoundland	Dollar	1.6931	1.0006		130	130	[12] 2,053	[12] 83	286	.45	7.19	.29
Nicaragua	Cordoba	1.6933	.5128				[10] 205	[5] 2.666	850		.24	3.13
Panama	Balboa	1.0000					[9] [11] 1,010	(9)	522		1.93	
Salvador	Colon	.8466	.4000	[3] 6,527		6,527	[6] [15] 13	15,656	1,632	4.00	.01	9.59
Virgin Islands	Dollar	1.0000		[6] 143	[6] 6	149	[6] [11] 70	(9)	22	6.79	3.18	
West Indies, British:												
Barbados	do	1.7165					[6] [11] 948	451	185		5.12	2.44
Jamaica	Pound	8.2397	4.9078				[6] 98	390	1,122		.09	.34
Trinidad	Dollar	1.7165					[6] [11] 493	[6] 1,781	440		1.12	4.05
West Indies, French:												
Guadeloupe	Franc	.0496	.0467					37,655	270			139.46
Martinique [16]	do	.0496	.0467					46,885	246			190.59
West Indies, Netherlands	Guilder	.6806	.5457	2,993	14	3,007	[13] 107	5,118	85	35.38	1.25	60.21
South America:												
Argentina	Peso	1.6335	.3272	[3] 501,373		501,373		1,305,711	12,450	40.27		104.88
Bolivia	Boliviano	.6180	.0302	[3] 3,889		3,889	[13] 5	210,296	3,000	1.30		70.09
Brazil	Milreis	.0871	.0595	25,000		25,000		4,030,000	41,560	.60		96.96
Chile	Peso	.2060	.0517	29,493		29,493		652,712	4,508	6.54		144.79
Colombia	do	1.6479	.5739	[3] 19,071		19,071	9,545	65,160	8,847	21.55	1.07	7.36
Ecuador	Sucre	.3386	.0950	[3] 3,148		3,148	[14] 665	56,599	2,000	1.57	.33	28.29
Guiana:												
British [6]	Dollar	1.7165					[11] [15] 287	1,267	328		.87	3.86
French	Franc	.0496	.0467					[13] 363	22			607.41
Paraguay	Peso	1.6335						1,261,870	900			1,402.08
Peru	Sol	.4740	.2525	20,145	271	20,416	5,808	95,858	6,900	2.96	.84	13.89
Uruguay	Peso	1.7511	.8000	84,555	5	84,560	4,440	116,963	2,040	41.42	2.17	57.33
Venezuela	Bolivar	.3267	.2410	48,876	11,179	60,055	[6] [17] 25,309	93,000	3,360	17.87	7.53	27.68
Europe:												
Albania	Franc	.3267		2,468		2,468	[11] 327	10,653	1,090	2.26	.30	9.77
Austria	Schilling	.2382	.1899	[3] 45,716		45,716	4,316	944,241	6,760	6.76	.63	139.68
Belgium	Belga	.1695	.1690	631,907		631,907	[1] [15] [17] 9,245	4,651,668	8,300	76.13	1.11	560.44
Bulgaria	Lev	.0122	.0128	20,212		20,212	20,921	2,570,749	6,254	3.23	3.34	411.05
Czechoslovakia	Koruna	.0351	.0352	91,021		91,021	[17] 19,994	6,478,275	15,187	5.99	1.32	426.57
Danzig	Gulden	.1899		5,634		5,634		32,045	407	13.84		78.73
Denmark	Krone	.4537	.2191	53,510		53,510		398,558	3,722	14.37		107.08
Estonia	Kroon	.4537	.2681	15,508		15,508	453	46,245	1,130	13.72	.40	40.92
Finland	Mark	.0426	.0216	[3] 30,422		30,422		1,630,121	3,582	8.49		455.08
France	Franc	(9)	.0467	2,995,283		2,995,283	[15] [18] 20,776	89,341,929	41,906	71.47	.49	2,131.96
Germany	Reichsmark	.4033	.4023	26,802		26,802	409,525	5,348,122	67,105	.39	7.43	79.69
Gibraltar	Pound	8.2397	4.9078				98	[19] 170	17		5.77	10.00
Great Britain	do	8.2397	4.9078	[20] 2,584,470	419,387	3,003,857	269,929	[1] 500,192	47,098	63.78	5.73	10.62
Greece	Drachma	.0220	.0090	[3] 26,373	69	26,442	2,737	6,202,536	6,839	3.87	.40	906.93

See footnotes on p. 100.

Monetary stock of principal countries of the world, end of calendar year 1936 (subject to revision)—Continued

Country	Monetary unit: Name	Monetary unit: United States equivalent: On gold basis as defined by most recent known laws	Monetary unit: United States equivalent: At average exchange rate during Dec. 1936[1]	Gold stock: In central bank, government treasuries, and earmarked abroad	Gold stock: Other	Gold stock: Total gold stock	Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face value at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita: Gold	Per capita: Silver	Per capita: Paper
Europe—Continued.												
Hungary	Pengo	$0.2961	$0.1978	$24,930	.....	$24,930	$1,970	$436,447	8,989	$2.77	$0.21	48.55
Iceland	Kronu	.4537	.....	1,361	.....	1,361	.....	11,000	116	11.73	.....	94.82
Irish Free State	Pound	8.2397	4.9078	.....	$175	175	[21] 4,341	[21] 15,476	2,966	.06	1.46	5.21
Italy	Lira	.0526	.0526	208,359	.....	208,359	.....	16,525,000	42,831	4.86	.....	385.82
Latvia	Lat	[3]	.1946	15,623	.....	15,623	8,362	98,000	1,965	7.94	4.25	49.87
Lithuania	Litas	.1693	.1690	12,377	.....	12,377	[11] 3,094	110,348	2,527	4.89	1.22	43.66
Malta and Gozo	Pound	8.2397	4.9078	.....	.....	.....	368	800	259	.....	1.42	3.09
Netherlands	Florin	.6806	.5457	489,707	.....	489,707	78,345	793,532	8,557	57.22	9.15	92.73
Norway	Krone	.4537	.2466	97,600	.....	97,600	.....	428,600	2,895	33.71	.....	148.04
Poland	Zloty	.1899	.1885	74,636	.....	74,636	69,064	1,033,841	34,221	2.18	2.02	30.21
Portugal	Escudo	.0749	.0445	68,284	.....	68,284	[17] 7,486	2,257,000	7,222	9.45	1.03	312.51
Rumania	Leu	.0101	.0073	114,251	.....	114,251	[17] 32,600	25,662,513	19,423	5.88	1.68	1,321.24
Spain	Peseta	.3267	.0773	[39] 718,000	.....	718,000	[6 11] 225,244	[6] 4,799,965	24,849	28.89	9.06	193.16
Sweden	Krona	.4537	.2530	240,121	249	240,370	[14] 17,200	892,997	6,267	38.35	2.74	142.49
Switzerland	Franc	[3]	.2299	655,401	.....	655,401	[13] 45,389	1,486,754	4,163	157.43	109.03	357.13
Bank of International Settlements	do	.3267	.....	10,825	.....	10,825	.....	.....	.....	.....	.....	.....
Union of Socialist Soviet Republics [32]	Chervonetz	[18] 8.7123	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yugoslavia	Dinar	.0298	.0230	48,489	.....	48,489	22,992	5,408,529	15,174	3.18	1.51	356.43
Asia:												
Arabia, Saudi [6]	Pound	8.2397	4.9078	.....	8,240	8,240	393	.....	7,000	1.18	.06	.....
British Malaya	Dollar	.9613	.5754	.....	.....	.....	16,075	84,119	4,613	.....	3.48	18.23
British North Borneo	do	.9613	.5754	.....	.....	.....	18	1,670	285	.....	.06	5.86
Ceylon	Rupee	.6180	.3709	14	.....	14	10,155	44,343	5,700	.....	1.78	7.78
China [33]	Yuan	[36]	.....	8,000	.....	8,000	[14] 450,000	1,232,272	450,000	.02	1.00	2.74
Hong Kong	Dollar	[37]	.....	.....	.....	.....	.....	156,908	.....	.....	.....	.....
Cyprus Island	Pound	8.2397	4.9078	.....	.....	.....	712	523	367	.....	1.94	1.42
India, British	Rupee	.1680	.3709	274,975	.....	274,975	[13] 244,420	2,038,672	370,500	.74	.65	5.50
Indochina, French	Piaster	[3]	.4668	.....	.....	.....	6,838	113,378	23,030	.....	.30	4.92
Iraq	Dinar	8.2397	4.9078	.....	.....	.....	[17] 2,945	4,000	3,600	.....	.82	1.11
Iran (Persia)	Rial	.0824	.0606	24,472	.....	24,472	[13] 21,212	796,000	15,000	1.69	1.41	53.07

													20.68
Japan (including Chosen, Taiwan, Kwantung)	Yen	.8440	.2851	462,657	.....	462,657	[6] 95,014	2,057,000	99,440	4.65	.96		
Netherland East Indies	Guilder	.6806	.5457	60,274	.....	60,274	[13] 26,550	166,899	65,420	.92	.41		2.55
Palestine	Pound	8.2397	4.9078	.....	.....	.....	5,448	5,167	1,600	.....	3.40		3.23
Philippine Islands	Peso	.5000	.....	807	.....	807	[11] 18,949	[8] 146,410	13,264	.06	1.42		11.04
Sarawak	Dollar	.9613	.5754	.....	.....	.....	14	3,867	600	.....	.02		6.44
Siam	Baht or tical	.7491	.4550	.....	.....	.....	32,263	155,744	13,599	.....	2.37		11.45
Syria	Pound	1.3260	.....	.....	.....	.....	.....	21,165	3,300	.....	.....		6.41
Turkey	Lira (Pound)	7.4400	.8016	[3] 27,122	24	27,146	11,090	180,973	16,250	1.67	.67		11.13
Africa:													
Algeria and Tunis	Franc	(2)	.0467	14,018	.....	14,018	[13] 5,601	2,108,722	9,843	1.42	.58		214.23
Belgian Congo	do	.0339	.0338	2,910	.....	2,910	[17] 306,776	9,400	.31	.....	.....		33.70
British East Africa (Kenya, Uganda, and Tanganyika) [16]	Shilling	.4120	.2454	.....	.....	.....	14,743	38,700	11,899	.....	1.24		3.25
British West Africa (Gambia, Gold Coast, Nigeria and Sierra Leone)	Pound	8.2397	4.9078	.....	.....	.....	6,215	1,648	24,489	.....	.25		.06
Egypt	do	8.3692	5.0320	52,229	.....	52,228	22,538	123,138	15,515	3.36	1.45		1.49
Ethiopia (Abyssinia) [6]	Thalari	(27)	.....	.....	.....	.....	[23] 21,271	3,300	5,500	.....	3.87		.60
French Equatorial Africa	Franc	.0496	.0467	.....	.....	.....	.....	[6] 130,000	3,386	.....	.....		38.39
French West Africa [18]	do	.0496	.0467	.....	.....	.....	.....	[1] 435,100	14,700	.....	.....		29.60
Madagascar	do	.0496	.0467	.....	.....	.....	.....	245,930	3,822	.....	.....		64.34
Morocco	do	.0496	.0467	8,464	.....	8,464	3,135	521,034	6,280	1.34	.49		82.96
Nyasaland	Pound	8.2397	4.9078	4	.....	4	2,607	42	1,603	.....	1.62		.02
Portuguese East Africa	Escudo	.0749	.0445	[3] 1,181	.....	1,181	.....	[20] 355,809	4,200	.28	.....		84.71
Reunion Island [18]	Franc	.0496	.0467	[1] [20] 390	.....	390	.....	[1] 48,828	209	1.87	.....		233.62
Rhodesia:													
Northern	Pound	8.2397	4.9078	.....	.....	.....	344	180	1,378	.....	.25		.13
Southern	do	8.2397	4.9078	.....	1,579	1,579	[19] 800	[21] 918	1,289	1.22	.62		.71
Somaliland, British	Rupee	.6180	.3709	.....	.....	.....	408	100	350	.....	1.17		.29
Southwest Africa	Pound	8.2397	4.9078	.....	4	4	90	236	280	.01	1.32		.84
Sudan, Anglo-Egyptian	do	8.2397	4.9078	1	4	5	7,732	1,012	5,900	.....	1.31		.17
Swaziland	do	8.3692	5.0320	.....	.....	.....	123	15	146	.....	.84		.10
Union of South Africa	do	8.2397	4.9078	.....	.....	.....	11,952	16,496	9,589	21.84	1.25		1.72
Zanzibar [6]	Rupee	.6180	.3709	202,982	6,448	209,430	606	3,050	243	.....	2.49		12.55
Oceania:													
Australia	Pound	8.2397	3.9099	3,710	.....	3,710	[6] 31,443	[1] 50,539	6,775	.55	4.64		7.46
Fiji Islands	do	8.2397	4.4214	.....	.....	.....	323	598	202	.....	1.60		2.96
New Guinea	do	8.2397	3.9099	.....	.....	.....	371	(22)	670	.....	.55		.....
New Zealand	do	8.2397	3.9387	23,086	11	23,097	7,584	13,641	1,573	14.68	4.82		8.67
Society Islands	Franc	.0496	.0467	.....	.....	.....	.....	17,494	40	.....	.....		437.35
Papua [25]	Pound	8.2397	3.9099	.....	.....	.....	.....	.....	280	.....	.....		.....
Total				22,699,231	448,024	23,147,255	4,316,542	.....	1,887,170	12.27	2.29		.....

See footnotes on p. 100.

[1] Data used from other than official sources: Australia, paper currency data from Australian Insurance and Banking Record, Mar. 22, 1937. Belgium, silver data from Bulletin de Statistique, January 1937. French West Africa, paper currency data from Supplement Colonial de L'Economiste Européen, Jan. 15, 1937. Great Britain, paper currency data from The Statist, May 8, 1937. Guiana, French, paper currency data from Supplement Colonial de L'Economiste Européen, Feb. 19, 1937. Reunion Island, gold stock and paper currency data from Supplement Colonial de L'Economiste Européen, Feb. 19, 1937.

[2] Exchange rates have been given insofar as obtainable; in some cases they are nominal.

[3] Bases used for conversions of gold holdings to United States dollars: Algeria, reported in old French francs (United States equivalent, $0.0065); see "France" below for devaluation of the franc on Oct. 1, 1936. Argentina, reported in paper pesos which were revalued May 31, 1935 (United States equivalent, $0.3296). Austria, revaluation of December 1936, at 0.16733 grams of fine gold per schilling (United States equivalent, $0.1883). Bolivia, reported in fine ounces. Canada, holdings of Government Treasury converted at legal parity, holdings of Bank of Canada converted at average exchange rate of Canadian dollar during December 1936. Colombia, reported in fine ounces and United States dollars. Ecuador, revaluation of June 13, 1936, at rate of 11.6466 sucres per gram of fine gold (United States equivalent, $0.0666). Finland, gold holdings earmarked abroad reported in fine ounces. France, law of Oct. 1, 1936, provided for new gold content of franc to be fixed within limits of 43 and 49 milligrams of gold .900 fine; gold holdings of the Bank of France revalued at 49 milligrams of gold .900 fine (United States equivalent, $0.0496). Greece, bullion reported in fine ounces, coin reported in number of pieces held of gold dollars, francs, pounds, etc. Indochina, French piaster has a par value of 10 French francs; see "France" above for devaluation of the franc on Oct. 1, 1936. Latvia, law of Sept. 28, 1936, pegged the lat to sterling at 2,822 lati to £100; gold holdings converted on the basis of the exchange rate of sterling on Dec. 31, 1936 (United States equivalent of the lat, $0.1946). Mexico, reported in fine kilograms. Portuguese East Africa, reported in English pounds. Rumania, revaluation Nov. 6, 1936, at the rate of 153,333.33 lei per kilogram of fine gold (United States equivalent $0.0073). Salvador, reported in paper colons which were revalued June 1934 (United States equivalent, $0.50). Switzerland, Order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the Swiss franc at a value ranging between 190 and 215 milligrams of fine gold; gold holdings of the Swiss National Bank revalued at 135 percent of their former parity (United States equivalent, $0.2419). Turkey, reported in fine kilograms.

[4] Net issues of silver coin since 1858 and silver bullion in the Bank of Canada.

[5] On Mar. 31, 1935.

[6] Prior years' figures at new equivalents where equivalents other than the legal parity are applicable.

[7] Average exchange rate for 1936.

[8] United States coin and currency also circulate.

[9] United States currency is circulating media.

[10] United States silver coin.

[11] Silver converted to United States equivalent at legal rate.

[12] Net issues of silver coin.

[13] Exclusive of Canadian bank notes, which are the principal circulating media.

[14] Estimated.

[15] Silver in circulation not included.

[16] On June 30, 1936.

[17] Includes base metal coin.

[18] On Dec. 24, 1936.

[19] Spanish bank notes and coin also circulate.

[20] The British Exchange Equalization account held $934,000,000 of gold on Mar. 31, 1937 in addition to that reported above, per Federal Reserve Bulletin, November 1937.

[21] Exclusive of British coins and currency which still circulate in the Irish Free State.

[22] On August 1, 1936.

[23] Data omitted because of indefiniteness or unavailability.

[24] Decree issued by Council of Commissars Oct. 28, 1936, fixed value of the ruble (10 rubles equivalent to one chervonetz) in foreign exchange at 4½ French francs.

[25] Incomplete.

[26] Silver standard abandoned by decree of Nov. 3, 1935; exchange rate for yuan fixed initially at about 1s. 2⅛d. British currency (United States equivalent about $0.2950).

[27] Fluctuates with the price of silver.

[28] Silver valued at United States equivalent of the price of silver in London on Dec. 31, 1936 ($0.47148 per fine ounce).

[29] Includes 639,896 British sterling paper converted to escudos at 111.89 to the pound.

[30] Gold and silver.

[31] Includes notes in circulation in Northern Rhodesia and in Nyasaland.

[32] Australian coins and notes are the circulating media.

WORLD PRODUCTION OF GOLD AND SILVER

[The production figures given below are based upon the unpublished data, principally interrogatory replies, in the files of the Bureau of the Mint]

Country	Calendar year 1935						Calendar year 1936 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.64582 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45399 per ounce)[1]
North America:												
United States	98,385	3,163,166	$110,710,815	1,418,721	45,612,918	$29,457,735	116,938	3,759,645	$131,587,575	1,970,424	63,350,587	$28,760,533
Canada	102,172	3,284,890	114,971,150	516,895	16,618,558	10,732,597	116,181	3,735,305	130,735,675	567,060	18,231,419	8,276,882
Mexico	21,223	682,338	23,881,830	2,351,087	75,589,199	48,817,016	23,451	753,967	26,388,845	2,409,397	77,463,901	35,167,836
Newfoundland	403	12,956	453,460	34,972	1,124,380	726,147	469	15,076	527,450	38,102	1,225,000	556,138
Total	222,183	7,143,350	250,017,255	4,321,675	138,945,055	89,733,495	257,039	8,263,987	289,239,545	4,984,983	160,270,907	72,761,389
Central America and West Indies	4,199	135,000	4,725,000	108,862	3,500,000	2,260,370	4,354	140,000	4,900,000	111,973	3,600,000	1,634,364
South America:												
Argentina	308	9,902	346,570	1,555	49,994	32,287	335	10,770	376,950	15,935	512,316	232,586
Bolivia	[4] 2,000	64,301	2,250,535	247,304	7,951,000	5,134,915	1,000	32,151	1,125,285	[7] 333,533	10,725,333	4,868,286
Brazil	3,751	120,597	4,220,895	311	[5] 10,000	6,458	3,901	125,405	4,389,175	[4] 311	10,000	4,540
Chile	8,345	268,308	9,390,780	32,660	1,050,043	678,139	8,039	258,458	9,046,030	44,521	1,431,383	649,834
Colombia	10,233	328,999	11,514,965	4,136	132,975	85,878	12,115	389,500	13,632,500	4,712	151,500	68,779
Ecuador	2,224	71,512	2,502,920	2,509	80,658	52,091	2,447	78,685	2,753,975	2,996	96,310	43,724
Guiana:												
British	933	30,000	1,050,000				1,088	35,000	1,225,000			
Dutch (Surinam)	333	11,349	397,215	186	[5] 6,000	3,875	353	[4] 11,349	397,215	186	[5] 6,000	2,724
French	1,474	47,390	1,658,650				1,417	45,546	1,594,110			
Peru	5,075	98,863	3,460,205	542,226	17,432,968	11,258,559	5,860	188,403	6,594,105	619,000	19,901,309	9,034,995
Uruguay	1	32	1,120				3	103	3,605			
Venezuela	3,496	112,390	3,933,650	218	[5] 7,000	4,521	3,421	109,996	3,849,860	218	[5] 7,000	3,178
Total	36,193	1,163,643	40,727,505	831,105	26,720,638	17,256,723	39,979	1,285,366	44,987,810	1,021,412	32,839,151	14,908,646
Europe:												
Austria				369	11,863	7,661				904	29,061	13,193
Bulgaria	20	543	22,505				20	643	22,505			
Czechoslovakia	460	14,800	518,000	41,224	1,325,382	855,958	505	16,248	568,680	33,863	1,088,718	494,267
France	2,849	91,598	3,205,930	17,717	569,605	367,862	3,037	97,642	3,417,470	17,717	[4] 569,605	258,595
Germany	185	5,948	208,180	194,639	6,257,788	4,041,405	236	7,584	265,440	203,465	6,541,551	2,969,799
Great Britain	5	161	5,635	2,888	92,851	59,965				2,391	76,885	34,905
Greece				5,598	180,000	116,248				9,020	290,000	131,657

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1935						Calendar year 1936 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.64582 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45399 per ounce)[1]
Europe—Continued.												
Hungary	46	1,479	$51,765	155	4,983	$3,218	26	838	$29,330	118	3,783	$1,717
Italy	[3] 100	3,215	112,525	[4] 40,149	1,290,820	833,637	115	3,697	129,395	42,500	1,366,407	620,335
Norway				[4] 7,000	225,055	145,345				6,700	215,410	97,794
Poland				1,005	32,311	20,867				1,882	60,507	27,470
Rumania	4,461	143,424	5,019,840	15,064	484,319	312,783	4,689	150,746	5,276,110	15,097	485,373	220,355
Spain	[4] 150	4,823	168,805	26,800	861,640	556,464	[3] 125	4,019	140,665	27,093	[4] 900,000	408,591
Sweden	6,803	218,721	7,655,235	18,941	608,967	393,283	5,102	164,039	5,741,365	18,207	588,282	267,074
Union of Socialist Soviet Republics	148,800	4,784,030	167,441,050	108,862	[3] 3,500,000	2,260,370	162,982	5,240,000	183,400,000	124,414	[4] 4,000,000	1,815,900
Yugoslavia	2,307	74,172	2,596,020	54,541	1,753,534	1,132,467	2,616	84,106	2,943,710	55,539	1,785,620	810,554
Total	166,186	5,343,014	187,065,490	534,952	17,199,118	11,107,534	179,453	5,769,562	201,934,670	559,900	18,001,202	8,172,366
Asia:												
British Borneo	888	28,549	999,215				727	23,372	818,020			
British India	10,191	327,652	11,467,820	181,968	5,850,406	3,778,309	10,365	333,239	11,663,365	185,016	5,977,345	2,713,655
British Malaya	934	30,047	1,051,645				1,199	38,539	1,348,865			
China	4,820	[4] 154,966	5,423,810	4,561	[4] 146,614	94,686	[4] 4,820	154,966	5,423,810	[4] 4,560	146,614	66,561
Chosen (Korea)	16,206	523,048	18,338,180	45,566	1,464,986	946,117	16,200	520,842	18,229,470	46,655	[4] 1,500,000	680,985
Cyprus Island	214	6,872	240,520	1,385	44,536	28,762	653	20,991	734,685	3,910	125,704	57,068
Indochina	268	8,616	301,560	115	3,693	2,385	499	15,150	460,250	174	5,594	2,540
Japan	18,321	589,034	20,616,190	256,005	8,230,751	5,315,584	21,114	678,831	23,759,085	298,793	9,606,432	4,361,224
Netherland East Indies	2,123	68,256	2,388,960	21,826	701,722	453,186	2,118	68,095	2,383,325	20,624	663,065	301,025
Philippine Islands	14,053	451,814	15,813,490	10,016	322,022	207,968	18,577	597,266	20,904,310	15,204	491,701	223,227
Sarawak	888	28,549	999,215				730	23,481	821,835			
Siam	[3] 322	10,337	361,795				322	10,352	362,355			
Taiwan	[4] 1,200	38,581	1,350,335	[3] 320	10,288	6,645	[4] 1,500	48,226	1,687,910	[3] 320	10,288	4,671
Total	70,518	2,267,221	79,352,735	521,760	16,774,958	10,833,603	78,734	2,531,351	88,597,285	576,246	18,526,743	8,410,956
Oceania:												
Australia:												
New South Wales	1,558	50,102	1,753,570	282,791	9,091,946	5,871,760	1,889	60,739	2,125,865	284,597	9,150,000	4,154,008
Northern Territory	288	9,272	324,520				240	7,705	269,675			
Queensland	3,203	102,990	3,604,650	74,033	2,409,165	1,555,887	3,769	121,174	4,241,090	95,923	3,084,008	1,400,109
South Australia	226	7,333	256,655				239	7,681	268,835	48	1,560	708

Victoria	2,725	87,609	3,096,315	123	3,948	2,550	3,544	113,940	3,987,900	248	7,964		3,616
West Australia	20,188	649,049	22,716,715	2,484	79,879	51,587	26,513	852,422	29,834,770	2,389	76,803		84,968
Fiji	209	6,728	235,480	21	661	427	527	16,943	592,995	37	1,190		540
Tasmania	260	8,343	292,005	10,075	323,901	209,182	547	17,600	616,000	28,194	905,458		411,528
New Guinea (Australian mandate)	8,726	280,555	9,819,425	2,702	86,876	56,106	7,054	[6] 226,795	7,937,825	2,938	[5] 94,454		42,881
Papua	533	17,130	599,550				545	20,720	725,200				
New Zealand	5,141	165,277	5,784,695	13,622	437,967	282,848	5,119	164,575	5,760,125	13,467	432,973		196,565
Total	43,069	1,384,388	48,453,580	280,751	12,434,343	8,030,347	50,096	1,610,294	56,360,250	427,841	13,755,419		6,244,818
Africa:													
Algeria				311	10,000	6,458				1,555	50,000		22,700
Bechuanaland	355	11,419	[3]399,665	55	1,758	1,135	521	16,746	586,110	43	1,378		626
Belgian Congo	10,470	336,619	11,781,665	118,000	3,790,788	2,450,104	12,035	386,934	13,542,690	86,480	2,780,396		1,262,272
British West Africa (Gold Coast, Ashanti, Nigeria, Sierra Leone)	13,269	426,611	14,931,385	4,330	139,200	89,898	15,546	499,811	17,493,385	4,807	154,537		70,158
Egypt	56	1,805	65,275				9	289	10,115				
Eritrea	62	[3] 2,000	70,000				56	1,808	56,280				
Ethiopia (Abyssinia)	427	[4] 13,736	480,760				800	25,721	900,235				
French Equatorial Africa	889	28,582	1,000,370				[4] 889	28,582	1,000,370				
French West Africa	3,900	125,388	4,388,580				3,250	104,490	3,657,150				
Kenya Colony	716	23,009	805,315	116	3,743	2,417	1,196	38,463	1,346,205	178	5,721		2,597
Madagascar	435	13,987	489,545				439	14,120	494,200				
Morocco	24	772	27,020										
Nyasaland	4	124	4,340				1	30	1,050				
Portuguese East Africa	234	7,519	263,165	23	725	468	256	8,223	287,805	42	1,337		607
Rhodesia:													
Northern	51	1,647	57,645	5	151	98	[4] 128	4,452	155,820	7,127	229,151		104,092
Southern	22,500	726,281	25,419,835	4,108	132,097	85,305	24,791	797,061	27,897,135	4,512	145,072		65,861
Southwest Africa	100	3,206	112,210				138	4,434	155,190				
Sudan	206	6,550	229,250				238	7,659	268,065				
Swaziland	10	314	10,990				9	275	9,625				
Tanganyika	1,591	51,167	1,790,845	191	6,134	3,961	2,166	69,647	2,437,645	[4] 191	6,134		2,786
Transvaal, Cape Colony, and Natal	335,109	10,773,991	377,089,685	32,416	1,042,203	673,076	302,596	11,336,214	396,767,490	23,455	1,075,626		488,323
Uganda	182	5,842	204,470	10	330	213	412	13,231	463,085	29	934		420
Total	390,742	12,562,629	439,692,015	159,565	5,130,119	3,313,133	415,530	13,359,598	467,585,930	128,419	4,490,276		2,039,381
Total for world	933,080	29,999,245	1,049,973,580	6,864,670	220,704,231	142,535,205	1,025,175	32,960,158	1,153,605,530	7,820,774	251,443,689		114,152,929

[1] Average price per fine ounce in New York.
[2] Estimate based on United States imports of ore and bullion and interrogatory data.
[3] Amount exported.
[4] Estimate based on other years' production.
[5] Prior years' figures.
[6] Including production for Portugal.
[7] Fiscal year ended June 30.
[8] Conjectural.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [1]	Fine ounces	Commercial value [1]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,991,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,996	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	12,467,635	18,565,236	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,302	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	665,966	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	371,563	11,815,000	5,715,627	118,152,000	28,746,922	38,670,986	287,469,225	386,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	25,204,768	173,857,555	252,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,266,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,651,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	109,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,231	125,811,652	787,906,156	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5
1901–1905	15,606,730	322,619,800	78,033,650	1,613,099,100	167,995,408	95,942,178	839,977,042	479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,593,000			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,956,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,902,180	455,239,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8
1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8

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ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1940

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1939

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Director of the Mint

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REPORT OF THE DIRECTOR OF THE MINT ON THE
OPERATIONS OF THE MINT SERVICE
FOR THE FISCAL YEAR 1910

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 3, 1940.

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1940, being the Sixty-eighth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1939.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1940, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, merely bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year ending June 30, 1940, amounting to 768,090,830 pieces, exceeded the production of any previous fiscal year in the history of the Government. The nearest approach to this production was 760,915,737 pieces in the fiscal year 1937; and during the fiscal year 1920, 733,583,150. As in previous years, the coin most largely produced was the 1-cent piece. The production in 1940, in amount $39,994,684, consisted of 151,-918,730 subsidiary silver coins, $26,807,671; 175,632,300 nickel coins, $8,781,615; and 440,539,800 bronze coins, $4,405,398.

Coinage for foreign governments amounted to 35,695,000 pieces, compared with 48,187,200 pieces during the prior year. The foreign coinage consisted of silver, nickel and bronze coins for the Dominican Republic, El Salvador, Indo-China, Nicaragua, and Panama.

The grand total of domestic and foreign coins made in 1940 amounted to 803,785,830 pieces, an increase of 500,032,370 over the prior year.

Bullion Deposit Transactions

The number of bullion deposit transactions during the year totaled 51,780, including 75 inter-mint-service transactions, as compared with 54,028 and 272, respectively, during the prior year. The deposit transactions required 81,425 assay determinations, which compares with 91,506 assay determinations during the prior year.

Transfer of Bullion for Long-Term Storage

During the year 257,992 bars containing 271,279,924 fine ounces of silver were transferred from the New York Assay Office to the silver bullion depository at West Point, N. Y., for long-term storage. The depository now contains a total of 1,440,724,712 fine ounces of silver bullion, all of which was transferred from Government buildings and rented quarters in New York City since completion of the depository in 1938.

Refined gold bullion having a value of approximately $113,000,000 was transferred during the fiscal year 1940 from the mint at San Francisco, Calif., to the mint at Denver, Colo., for long-term storage.

Gold Operations

Gold acquisitions by the mints and assay offices during the year, stated on the usual basis of classified melted receipts, amounted to $3,085,599,168; receipts from other Treasury offices of domestic coin melted during the year amounted to $759,917; and transfers between mint-service institutions amounted to $148,708,148. These transactions total $3,235,067,233, compared with $3,304,841,002 for the prior year.

The acquisitions include $117,506 of gold received at $20.67+ per fine ounce. The increment on this gold amounted to $81,329.

In addition to the above, the gold on hand awaiting melting was in unusually large volume, the advance payments thereon totaling $622,583,897, as compared with $83,766,500 at the end of the preceding fiscal year.

Silver Operations

The Government's acquisitions of silver during the year totaled 259,135,270 fine ounces, at an average cost of 46.9 cents per fine ounce and a total cost of $121,706,914. The acquisitions consist of the following:

Item	Amount (fine ounces)	Cost
Newly mined domestic silver	62,544,502	$43,237,977
Purchase Act, silver	195,824,132	78,207,206
Silver contained in gold-bullion deposits, etc.	322,652	109,363
Silver received in exchange for Government-stamped bars	443,984	152,368
Total	259,135,270	121,706,914

United States coin received for recoinage totaled 2,991,528 fine ounces, with a recoinage value of $4,135,515. Silver transfers between mint-service institutions totaled 142,618 fine ounces. These items plus the silver acquired during the year brought the total transactions

in silver to 262,269,416 fine ounces, compared with the prior year's total of 435,167,479.

During the year 1940, $122,576,161 of silver certificates were issued against 94,805,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 57.7+ cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is $67,791,863, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1940 averaged $0.35484. The highest point was $0.40062, which prevailed on August 25, 1939; the lowest was $0.35062, which prevailed during most of the fiscal year.

For newly mined domestic silver a return to the depositor of $0.7111+ per fine ounce, established by the act of July 6, 1939, prevailed for silver mined after July 1, 1939. For silver mined July 1, 1939, the price paid was $0.6464+ per fine ounce.

Refineries

The electrolytic refineries produced during the year 5,060,586 fine ounces (173.5 tons) of electrolytically refined gold bullion and 2,253,971 fine ounces (77.3 tons) of silver bullion. During the prior year the quantities produced were 5,588,913 fine ounces (191.6 tons) of gold and 3,459,089 fine ounces (118.6 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions increased during the fiscal year 1940 by approximately 309 tons, to 2,073 tons. The increase in 1939 was about 175 tons.

New Design Coins

No new design coins and no commemorative design coins were initially issued during the fiscal year 1940.

The act of August 5, 1939, prohibited the issuance subsequent thereto of any commemorative coins authorized prior to March 1, 1939.

Correction.—In the preceding issue of the annual mint report it was erroneously stated that a proposal which had been under consideration in the Congress for establishing a Commemorative Coin Commission had become law on August 7, 1939. The proposal did not receive congressional sanction.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1940, the estimated stock of domestic coin in the United States was $1,123,248,833, of which $547,078,223 was standard silver dollars, $402,261,461 subsidiary silver coin, and $173,909,149 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $19,963,090,869, an increase of $3,853,011,956, and the stock of silver bullion was 2,365,169,174 fine ounces, an increase of 242,216,494.

Production of Gold and Silver

Domestic gold production during the calendar year 1939 was 5,611,171 fine ounces, with a monetary value of $196,391,000, compared with 5,089,811 fine ounces, with a monetary value of $178,143,400, in 1938, which was the previous year of largest production.

Domestic silver production during the calendar year 1939 totaled 65,119,513 ounces. This compares with 62,665,335 ounces for 1938 and with the record production of 74,961,075 fine ounces for 1915.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1939 is estimated at $38,788,960. Gold returned from industrial use amounted to $31,328,360. These items give a net industrial consumption of new gold during the year of $7,460,600, compared with a net return from industry of $324,081 during the calendar year 1938.

Silver used in the arts is estimated at 69,585,265 fine ounces, of which 44,613,005 fine ounces were new material.

Compared with the prior year, there was an increase in gold consumption of approximately 246,000 ounces and an increase in silver consumption in industry of about 30,900,000 ounces.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1940 totaled $2,349,500; the Deficiency Act of April 6, 1940, provided an additional amount of $306,000, and reimbursements to appropriations for services rendered amounted to $113,552, making a total of $2,769,052.

Expenses amounted to $2,783,988, of which $2,646,247 was chargeable to appropriations and $137,741 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $30,166,882, of which $24,883,675 was seigniorage. The seigniorage on subsidiary silver coin was $13,837,575, and on minor coin, $11,046,100. Extraordinary income aggregated $67,873,192, of which $67,791,863 was seigniorage on silver bullion revalued to $1.29+ per ounce, and $81,329 was the increment to $35 per ounce on revalued gold.

General Activities

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1940, and number of employees on June 30, 1940, at each institution are shown in the following table:

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1940

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Employees, June 30, 1940
Philadelphia	6,640	9,539	$45,101,983	$19,171,974	$1,029,875	+$18,142,099	350
San Francisco	20,332	27,591	529,915,876	4,308,997	462,287	+3,846,710	171
Denver	5,231	8,036	177,907,231	3,318,632	426,176	+2,892,456	167
New York	13,339	28,803	2,792,494,236	3,270,790	594,080	+2,676,710	243
New Orleans	1,936	1,934	957,847	13,916	29,689	−15,773	14
Seattle	4,302	5,522	28,053,550	82,562	49,681	+32,881	19
Fort Knox					75,993	−75,993	40
Total	51,780	81,425	3,574,430,723	30,166,871	2,667,781	+27,499,090	1,004
Bureau of the Mint				11	116,207	−116,196	44
Grand total	51,780	81,425	3,574,430,723	30,166,882	2,783,988	+27,382,894	1,048
Prior fiscal year	54,028	91,506	3,847,699,972	12,809,959	2,776,706	+10,033,253	1,073

[1] Includes interinstitution transactions, $148,892,543.

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1940, follow:

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Silver:					
Half dollars	$3,710,040.00	$1,396,000.00	$1,732,600.00	$6,838,640.00	13,677,280
Quarter dollars	8,287,476.75	657,000.00	1,297,000.00	10,241,476.75	40,965,907
Dimes	6,734,054.30	1,054,000.00	1,939,500.00	9,727,554.30	97,275,543
Total silver	18,731,571.05	3,107,000.00	4,969,100.00	26,807,671.05	151,918,730
Minor:					
5-cent nickel	7,570,015.00	626,500.00	585,100.00	8,781,615.00	175,632,300
1-cent bronze	3,568,998.00	642,800.00	193,600.00	4,405,398.00	440,539,800
Total minor	11,139,013.00	1,269,300.00	778,700.00	13,187,013.00	616,172,100
Total coinage	29,870,584.05	4,376,300.00	5,747,800.00	39,994,684.05	768,090,830
Prior year:					
Total coinage, value	$11,005,013.64	$1,845,208.00	$2,688,156.50	$15,538,378.14	
Total coinage, pieces	185,858,831	26,827,116	42,880,313		255,566,260

Coinage by the United States for Other Countries

The coinage for other countries during the fiscal year 1940 totaled 35,695,000 pieces, as compared with 48,187,200 pieces during the prior fiscal year, as follows:

Country	Philadelphia	San Francisco	Total
	Pieces	*Pieces*	*Pieces*
Silver: Dominican Republic	325,000		325,000
Nickel:			
Dominican Republic	200,000		200,000
El Salvador	2,300,000		2,300,000
Indo-China		25,270,000	25,270,000
Nicaragua	800,000		800,000
Panama	1,200,000		1,200,000
Total nickel	4,500,000	25,270,000	29,770,000
Bronze:			
Dominican Republic	2,000,000		2,000,000
Nicaragua	2,000,000		2,000,000
Panama	1,600,000		1,600,000
Total bronze	5,600,000		5,600,000
Total coinage	10,425,000	25,270,000	35,695,000
Prior fiscal year, total coinage	48,187,200		48,187,200

Mint Issue of Fine Gold Bars for Industrial Use

(On value basis; see p. 48)

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1940, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1939:		1940—continued	
July	$15,698.80	March	$31,683.94
August	7,262.92	April	15,679.55
September	23,319.70	May	22,682.92
October	120,196.79	June	23,711.03
November	17,637.19		
December	8,102.86	Total	335,665.41
1940:			
January	27,655.72	Prior fiscal year	244,604.29
February	22,133.99		

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1940, and balances on hand June 30, 1940, as compared with June 30, 1939, are shown in the following table:

Institution	Balance on hand June 30, 1939	Receipts during fiscal year 1940 (details below) [1]	Total	Disbursements during fiscal year 1940 (details below) [1]	Balance on hand June 30, 1940
Philadelphia	$10,314,770.97	$4,561,485.59	$14,876,256.56	$8,430,623.62	$6,445,632.94
San Francisco	968,006,948.18	449,837,081.17	1,417,844,029.35	113,236,097.43	1,304,607,931.92
Denver	3,942,926,960.44	175,607,740.35	4,118,534,700.79	32,243.61	4,118,502,457.18
New York	5,662,646,425.90	5,056,654,336.75	10,719,300,762.65	1,713,650,568.15	9,005,650,194.50
New Orleans	158,136.20	949,100.17	1,107,236.37	880,919.78	226,316.59
Seattle	1,994,124.35	27,909,215.83	29,903,340.18	26,283,278.44	3,620,061.74
Fort Knox	5,523,706,735.45		5,523,706,735.45		5,523,706,735.45
Total	16,109,754,101.49	5,715,518,959.86	21,825,273,061.35	1,862,513,731.03	19,962,759,330.32

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Transfers from other Treasury offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$4,533,897.73	$18,206.86		$6,952.33	$2,428.67	$4,561,485.59
San Francisco	449,806,016.86	17,352.31	$8,894.90		4,817.10	449,837,081.17
Denver	35,231,637.25	15,006.79	140,360,320.35		775.96	175,607,740.35
New York	4,818,725,829.59	46,439.83	8,536,869.32	229,497,197.65	48,200.36	5,056,654,336.75
New Orleans	948,348.97	118.47	350.00		282.73	949,100.17
Seattle	27,905,308.01	3,362.52	350.00		195.30	27,909,215.83
Total	5,337,151,038.41	100,486.78	148,706,584.57	229,504,149.98	56,700.12	5,715,518,959.86

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices and depository	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$86,066.24	$8,336,669.32	$7,888.06	$8,430,623.62
San Francisco	9,869.70	113,192,622.13	33,605.60	113,236,097.43
Denver	14,258.14		17,985.47	32,243.61
New York	1,713,582,824.63	13,094.90	54,648.62	1,713,650,568.15	
New Orleans		880,919.78		880,919.78
Seattle		26,283,278.44		26,283,278.44
Total	1,713,693,018.71	148,706,584.57	114,127.75	1,862,513,731.03

[1] Includes transfers.

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1940. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints unissued	Issued	Melted	Amount issued and outstanding June 30, 1940
Copper half cents [1]	$39,926.11		$39,926.11	$1.94	$39,924.17
Copper cents	1,562,887.44		1,562,887.44	383,606.50	1,179,280.94
Copper-nickel cents	2,007,720.00		2,007,720.00	809,123.38	1,198,596.62
Bronze cents	78,059,401.26	$522,995.25	77,536,406.01	1,898,770.47	75,637,635.54
Bronze 2 cents	912,020.00		912,020.00	344,080.64	567,939.36
Nickel 3 cents	941,349.48		941,349.48	287,954.88	653,394.60
Nickel 5 cents	109,257,182.70	744,090.00	108,513,092.70	11,508,618.80	97,004,473.90
Total	192,780,486.99	1,267,085.25	191,513,401.74	15,232,156.61	176,281,245.13

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Bullion (1.000 fine)

In order to maintain uniformity in assay of bullion in the offices of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office, while the Philadelphia Mint makes proof and inquartation silver. During the fiscal year 1940 other mints and assay offices were furnished 374 ounces of proof gold, 100 ounces of proof silver, and 3,247 ounces of inquartation silver.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1940

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1940, was 88.5 million fine ounces of gold and 74.1 million fine ounces of silver. There were also operated upon at the coinage mints 150.0 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows; Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold 0.0005; silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	207,867	208,138	105,164	208	271		
Coining	568	570	303		2		
San Francisco Mint:							
Melting and refining	25,475,369	25,475,667	7,457,330	25,475	298		
Coining		15			15		
Denver Mint:							
Melting and refining	13,019,864	13,020,440	2,187,209	13,019	576		
Coining		14			14		
New York Assay Office:							
Melting and refining	87,352,146	87,353,408	78,726,550	87,352	1,262		
Total melting and refining	126,055,246	126,057,653	88,476,253	126,054	2,407		
Total coining	568	599	303		31		
Grand total	126,055,814	126,058,252	88,476,556	126,054	2,438		

SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	24, 355, 996	24, 362, 302	24, 355, 996	36, 533	6, 306		
Coining	23, 880, 485	23, 876, 198	23, 832, 065	23, 880		4, 287	0. 1798
San Francisco Mint:							
Melting and refining	514, 372, 295	514, 370, 780	4, 918, 637	771, 558		1, 515	0. 3080
Coining	5, 027, 118	5, 027, 371	3, 998, 675	5, 027	253		
Denver Mint:							
Melting and refining	12, 588, 345	12, 592, 432	8, 253, 411	18, 882	4, 087		
Coining	6, 247, 135	6, 246, 844	5, 891, 560	6, 247		291	0. 0493
New York Assay Office:							
Melting and refining	6, 394, 505	6, 400, 112	2, 880, 608	9, 592	5, 607		
Total melting and refining	557, 711, 141	557, 725, 626	40, 408, 652	836, 565	[1] 14, 485		
Total coining	35, 154, 738	35, 150, 413	33, 722, 300	35, 154		[1] 4, 325	0. 1283
Grand total	592, 865, 879	592, 876, 039	74, 130, 952	871, 719	[1] 10, 160		

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	8, 615, 157	8, 602, 977	4, 672, 568			12, 180	2. 6070
Coining	31, 383, 816	31, 374, 662	30, 123, 996			9, 154	0. 3038
San Francisco Mint:							
Melting and refining	5, 175, 462	5, 170, 854	3, 504, 664			4, 608	1. 3150
Coining	5, 961, 895	5, 954, 605	3, 195, 310			7, 290	2. 2816
Denver Mint:							
Melting and refining	4, 197, 359	4, 189, 070	2, 648, 437			8, 289	3. 1302
Coining	3, 019, 930	3, 019, 025	2, 780, 894			905	0. 3255
Total melting and refining	17, 987, 978	17, 962, 901	10, 825, 669			25, 077	2. 3165
Total coining	40, 365, 641	40, 348, 292	36, 100, 200			17, 349	0. 4805
Grand total	58, 353, 619	58, 311, 193	46, 925, 869			42, 426	0. 9041

BRONZE COINAGE METAL

Philadelphia Mint:							
Melting and refining	27, 880, 460	27, 803, 238	26, 021, 272			77, 222	2. 9676
Coining	52, 261, 290	52, 238, 723	50, 233, 172			22, 567	0. 4492
San Francisco Mint:							
Melting and refining	11, 497, 969	11, 485, 469	10, 861, 560			12, 500	1. 1509
Coining	10, 890, 954	10, 886, 422	10, 397, 886			4, 532	0. 4358
Denver Mint:							
Melting and refining	3, 500, 052	3, 495, 466	2, 715, 651			4, 586	1. 6891
Coining	3, 002, 978	3, 002, 555	2, 834, 910			523	0. 1845
Total melting and refining	42, 878, 481	42, 784, 173	39, 598, 483			94, 308	2. 3816
Total coining	66, 155, 222	66, 127, 700	63, 465, 968			27, 622	0. 4352
Grand total	109, 033, 703	108, 911, 873	103, 064, 451			121, 930	1. 1830

[1] Net.

Refined issue-bars manufactured, fiscal year 1940

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	19	2,459	$86,065	14	625
San Francisco	16,211	6,684,906	233,971,710	1,572	24,009
Denver	3,495	1,819,731	63,690,585		
New York	184,424	73,665,483	2,578,291,905	2,930	589,200
Total	204,149	82,172,579	2,876,040,265	4,516	613,834

Sweeps cellar operations, fiscal year 1940 (includes crushed, discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	60	6,000	24.510	3,525.04	105.450	4,894.12
Do	San Francisco	[1] 608		124.965	300.00		
Refinery	Denver	538	52,729			236.865	1,281.53
Do	New York	1,574	121,972			2,735.187	3,938.02
Coining department	Denver	8	427			13.890	214.73
Deposits division	San Francisco	[2] 20					
Do	Denver	190	17,316			136.213	192.19
Total		2,998	198,444	149.475	3,825.04	3,227.605	10,520.59

[1] Sweeps partially worked.
[2] Sweeps unworked.

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1940 amounted to $172,243.33, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$12,296.70	$11,059.46	$22,257.60	$46,789.20		$92,402.96
Recovered incident to receipt of bullion deposits	8,687.46	8,429.15	6,810.04	44,995.47	$12,072.90	80,995.02
Gains on lightweight and mutilated coins received for recoinage	23.33	22.50	5.38	.98		52.25
Gain on bullion shipments (net)					1,398.06	1,398.06
Total gains	21,007.49	19,511.17	29,073.02	91,785.65	13,470.96	174,848.29
Wasted in refining and coining operations	1,860.29	629.00	115.67			2,604.96
Net gains	19,147.20	18,882.17	28,957.35	91,785.65	13,470.96	172,243.33

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1940, was $5,572.94. A loss of $4,447.67 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department		$629.00			$629.00
Coining department	$1,860.29		$115.67		1,975.96
Nickel wastage:					
Melting and refining department	446.48	60.38	99.45		606.31
Coining department	335.58	95.53	10.86		441.97
Bronze wastage:					
Melting and refining department	1,357.25	91.49	36.93		1,485.67
Coining department	396.65	33.17	4.21		434.03
Loss on sale of sweeps	1,183.31	351.42	2,168.69	$744.25	4,447.67
Total wastage and loss	5,579.56	1,260.99	2,435.81	744.25	10,020.61
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	2,196.68	280.57	151.45		2,628.70
Silver departmental wastage offset by other departmental surpluses	1,860.29	629.00	115.67		2,604.96
Other wastages and loss on sweeps, from appropriations	1,522.59	351.42	2,168.69	744.25	4,786.95
Total reimbursements	5,579.56	1,260.99	2,435.81	744.25	10,020.61

Employees

The total number of officers and employees of the mint service on June 30, 1940, was 1,048, as follows:

Institution	Established under act of—	Employees, by departments					Total	
		General	Engraving	Assaying	Coining	Melting and refining	June 30, 1940	June 30, 1939
Bureau of the Mint	Feb. 12, 1873	44					44	44
Philadelphia Mint	Apr. 2, 1792	160	10	12	125	43	350	380
San Francisco Mint	July 3, 1852	84		15	28	44	171	178
Denver Mint	Apr. 21, 1862	92		9	27	39	167	169
New York Assay Office and auxiliary West Point Depository	Mar. 3, 1853	165		28		50	243	231
New Orleans Mint [1]	Mar. 3, 1835	14					14	14
Seattle Assay Office	May 21, 1898	19					19	18
Fort Knox Depository	Aug. 13, 1935[2]	40					40	39
Total 1940		618	10	64	180	176	1,048	
Total 1939		633	10	65	183	182		1,073

[1] Conducted as an assay office since 1910.
[2] Allotment made from a lump conctruction appropriation.

Assay Commission's Annual Test of Coin for 1939

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the gold and silver coins to

their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 14, 1940, reported the following results of their examination of the 1939 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the mint at Philadelphia.

A liberal number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number designated on each envelope.

The committee on assaying has completed the assays on samples taken from the different lots of coin representing all denominations coined during the year 1939 by the United States mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1939.

The results of the assays upon coins and mass melts made from coins is satisfactory, being well within the legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins selected were as follows:

	Highes	*Lowest*
Philadelphia Mint	900. 6	898. 4
Denver Mint	900. 6	898. 4
San Francisco Mint	900. 0	898. 4

Mass melts:

Philadelphia Mint	899. 2
Denver Mint	898. 6
San Francisco Mint	898. 9

The committee on weighing reports that it selected at random a total of 93 coins, consisting of 60 coins from the Philadelphia Mint. 16 from Denver, and 17 from San Francisco. These coins were drawn from 88 different shipments.

The coins were weighed directly against a set of sealed coin weights supplemented by a set of grain weights which had been certified by the National Bureau of Standards, Washington, D. C., and the coins were weighed to an accuracy of 0.01 grain. It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and the lightest coins of each denomination from each mint as found from the individual weighings:

Denomination	Legal deviation allowable	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half Dollar	1. 5	0. 62	0. 85	0. 75	0. 55	0. 73	
Quarter dollar	1. 5	0. 84	0. 65	0. 50	0. 40	0. 45	0. 47
Dime	1. 5	0. 50	0. 38[1]	0. 51	0. 17	0. 43	0. 14

[1] Proof coin.

Considering the 93 coins as a group the average deviation with regard to sign was found to be only 0.02 grain, in other words, in the coins examined the light coins were offset very closely by the heavy coins. The average deviation without regard to sign was 0.29 grain.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1940, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1939

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1939

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1939 is estimated to have been 5,611,171 fine ounces, valued at $196,391,000, and the production of silver is estimated at 65,119,513 fine ounces, valued at $44,202,279. A comparison of these figures with those of 1938 indicates about 521,000 fine ounces increase in production of gold and approximately 2,454,000 ounces increase in silver production.

In continental United States, the State of largest gold production, California, increased its output in 1939 more largely than any of the other States, its increase being about 107,000 fine ounces to a total of nearly 1,425,000 fine ounces. Nevada, Montana, Utah, and South Dakota materially increased their gold output, the increases being, respectively, about 71,000, 68,000, 51,000, and 26,000 fine ounces. The increase in the Philippine Islands was larger than that of California, it amounting to 146,000 fine ounces, giving the year's total of over 990,000 fine ounces, which exceeded that of any State except California. Alaska's increase amounted to over 11,000 fine ounces, and its total output for the year was over 671,000 fine ounces.

The 1939 silver production increased more largely in Montana than in any other State of the Union—by over 2,165,000 fine ounces as compared with 1938. The largest reduction occurred in Idaho, over 1,100,000 fine ounces. Idaho continued as the State of largest silver output, its total being about 17,240,000 fine ounces, with Utah second in rank, over 10,800,000 fine ounces.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The production of gold, in terms of recovered metal, from ores and gravels of Alaska during 1939 was 676,737 fine ounces valued at $23,685,795, an increase of 2 percent over 1938, according to Charles W. Henderson, of the United States Department of the Interior, Bureau of Mines. There are no smelters or refineries in Alaska. The bulk of the gold produced in 1939 was in the form of bullion and dust sent to United States mints and assay offices either directly or through banks and bullion buyers located in the larger mining centers of Alaska. The rest was contained in high-grade ore and concentrates sent to the Selby (Calif.) and Tacoma (Wash.) smelters.

Forty-four floating dredges (43 connected-bucket and one single dipper floating dredge) yielded 45 percent of the total gold output from all sources in 1939. The gravel washed by the 44 dredges in 1939 averaged 54 cents per yard in value of recoverable gold. The United States Smelting, Refining & Mining Co., operating 6 dredges in the Fairbanks (part of Tanana) district and 3 dredges in the Nome district, using auxiliary hydraulic and drift mining methods, was by far the largest producer. Other producers of a notable quantity of gold from floating connected-bucket dredges were: Gold Placers, Inc., Alluvial Gold, Inc., and C. J. Berry Dredging Co., in Circle district; Bristol Bay Mining Co., Goodnews Bay district; New York Alaska Gold Dredging Co., Tuluksak-Aniak district; Arctic Circle Exploration Co., Inc., Fairhaven district.

The production of gold from other placer operations (dragline floating and dry-land dredge, hydraulic, drift mining, and sluicing) during 1939 was 162,576 fine ounces, valued at $5,690,160, an increase of 6 percent over 1938; the increase is the result of the more extensive use of mechanical equipment, facilitating the handling of greater yardages. Dry-land dredges and dragline floating dredges produced approximately 97,000 ounces; sluicing, hydraulic, and drift mining produced approximately 65,576 ounces.

Gold produced from lode mines amounted to 209,166 fine ounces in 1939, a decrease of 11 percent from 1938. Although there were 73 producing mines in the Territory, 3 more than in 1938, the smaller output of gold from lode mines resulted from the decrease in production of the Alaska Juneau Gold Mining Co., in the southeastern Alaska region, and the Nabesna Mining Corporation, in the Copper River region. For the first 6 months of 1939 the Alaska Juneau Gold Mining Co. was tying in its Perseverence section with the other sections of the mine, causing some disruption in its operations; the assay value per ton of ore mined in 1939 was 16 cents less than that of 1938. Other lode mines making a creditable output were: The Alaska Pacific Consolidated Mining Co. and the Conwest Exploration Co., in Willow Creek district; the Hirst Chichagof Mining Co., Chichagof Island district; the Cleary Hill Mines Co. and the United States Smelting, Refining & Mining Co., Fairbanks district.

The output of silver, in terms of recovered metal, in 1939 (all a byproduct of gold mining) was 201,054 ounces (valued at $136,473); in quantity it was only 42 percent of that of 1938. This heavy decrease is due mainly to the absence of any production in 1939 from the copper-silver mines in the Copper River region, abandoned late in 1938, but also in lesser extent to the decrease in production of silver

from the Alaska Juneau Gold Mining Co.; that company's production in 1939 represented 55 percent of the Territory's silver output.

ARIZONA

The output of recoverable gold, silver, copper, lead, and zinc from mines in Arizona in 1939 was valued at $72,616,408, compared with $58,358,401 in 1938, an increase of $14,258,007 (24 percent) according to T. H. Miller and Paul Luff, of the United States Department of the Interior, Bureau of Mines. The quantity and value of each of the five metals were greater in 1939 than in 1938, owing to the increase in average sales prices of silver, copper, lead, and zinc, and to maintenance of the price of gold at $35 an ounce. The output of gold increased 4 percent; silver, 5 percent; copper, 24 percent; lead, 2 percent; and zinc, 15 percent. Nearly half of the gold and more than half of the silver produced in Arizona in 1939 were recovered from copper ore; copper ore yielded gold, silver, copper, and lead valued at $62,227,585 in 1939, an increase of $13,596,489 over 1938. Of the total ore treated in Arizona in 1939, 93 percent was copper ore, 4 percent was dry and siliceous gold ore, and the remainder was mostly zinc-lead ore and dry and siliceous gold-silver ore. The output of copper ore increased from 13,047,356 tons in 1938 to 17,468,926 tons in 1939 and dry and siliceous ores from 928,707 to 1,042,004 tons; there were also increases in the output of lead ore, zinc-lead ore, and zinc-copper ore.

The output of recoverable gold from lode mines and placers in Arizona in 1939 was 316,453 ounces valued at $11,075,855, compared with 305,043 ounces valued at $10,676,505 in 1938. Gold recovered from copper ore increased from 133,409 ounces in 1938 to 139,527 ounces in 1939 and gold from dry and siliceous ores increased from 150,371 ounces to 158,398 ounces. Lode mines produced 310,044 ounces of gold in 1939 and placers 6,409 ounces, compared with 300,058 ounces and 4,985 ounces, respectively, in 1938. Dry and siliceous ores yielded 50 percent of the total gold in 1939; copper ore, 44 percent; and zinc-lead ore, 3 percent; the remaining 3 percent came from other base ores and from placers. About 64 percent of the total placer gold was recovered by a dragline floating dredge on Lynx Creek in Yavapai County and a drift mine near Quartzsite in Yuma County. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 616,544 tons in 1938 to 738,943 tons in 1939, and the output of gold (in bullion and concentrates) increased from 103,635 ounces to 112,166 ounces. Ore treated by straight concentration increased from 10,546,807 tons in 1938 to 14,017,765 tons in 1939, but the gold in the concentrates produced decreased from 78,522 ounces to 76,415 ounces. Crude ore shipped to smelters increased from 1,659,601 tons in 1938 to 1,922,003 tons in 1939, and gold therefrom increased from 117,901 ounces to 121,463 ounces. The Phelps Dodge Corporation continued to be the largest producer of gold in Arizona; the company operated its copper mines at Bisbee, Ajo, Jerome, and Morenci throughout the year and shipped about 16 percent more crude copper ore and concentrates to a smelter in 1939 than in 1938. The Magma mine at Superior and the Denn mine at Bisbee were also large producers of gold from copper ore. The Mammoth-St. Anthony property in Pinal County, the Gold Road,

Gold Standard, Pilgrim, Klondyke, Western, Big Jim, and Tom Reed mines in Mohave County, and the Octave, Iron King, Alvarado, Congress, and Golden Turkey mines in Yavapai County were large producers of gold from dry and siliceous ores (chiefly gold ore treated by cyanidation). The Montana mine in Santa Cruz County and the Hillside mine in Yavapai County were large producers of gold from zinc-lead ore. The chief gold-producing districts in Arizona in 1939 were the Warren, San Francisco, Verde, Ajo, Old Hat, and Weaver (Yavapai County).

The output of recoverable silver in Arizona in 1939 was 7,824,004 ounces valued at $5,310,839, compared with 7,479,153 ounces valued at $4,835,008 in 1938. Most of the gain was due to the increase in the output of copper ore, zinc-lead-silver ore, and zinc-copper-silver ore. Silver from copper ore increased from 4,525,435 ounces in 1938 to 4,820,469 ounces in 1939, that from zinc-lead-silver ore from 650,964 to 790,855 ounces, and that from zinc-copper-silver ore from 63,845 to 182,800 ounces, but silver from siliceous ores declined from 2,147,133 to 1,939,317 ounces. Copper ore yielded 62 percent of the total silver in 1939; dry and siliceous ores, 25 percent; and zinc-lead ore, 10 percent. In 1939 the four properties (Copper Queen, United Verde, New Cornelia, and Morenci) of the Phelps Dodge Corporation produced 51 percent of the State total silver. Other large silver producers in 1939 were the Magma, Montana (Eagle-Picher Mining & Smelting Co.), Ash Peak, Shattuck Denn, Iron King, Golden Turkey, and Trench mines. The chief silver-producing districts in Arizona in 1939 were the Warren, Verde, Pioneer (Superior), Oro Blanco (Ruby), Wallapai (Chloride), Ajo, Ash Peak, Big Bug, Harshaw, and Black Canyon.

CALIFORNIA

California gold output (in terms of recovered metal) in 1939 again exceeded that in the Philippine Islands, Alaska, and South Dakota, the other leading producers, in order of production, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The quantity of recoverable gold produced in 1939 was greater than that for any year since 1862, and its value was greater than that for any year since 1856. Although the data of gold production in California before 1901 do not segregate placer and lode gold, it appears certain that the output of lode gold was greater in 1939 in both quantity and value than in any preceding year. Placer gold production during 1939 is known to have exceeded any year since 1900. Moreover, the value of placer gold in 1939 exceeded the value of lode and placer gold combined for any year from 1865 to 1882 and from 1884 to 1900.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1939 was 1,435,264 fine ounces valued at $50,234,240 compared with a production of 1,311,129 ounces valued at $45,889,515 in 1938; the increase in both quantity and value was 9 percent. In 1939 lode mines produced 799,219 ounces of gold valued at $27,972,665, and placer mines produced 636,045 ounces of gold valued at $22,261,575. Lode mines accounted for 56 percent and placer mines 44 percent of the total in both 1938 and 1939. Of the gold derived from lode operations, 91 percent was recovered from dry gold ore, 7 percent from copper ore, and most of the rest from dry gold-silver

ore. The persistence of free-milling gold ore in California is indicated by the metallurgical tables, which show that 43 percent of the lode gold in 1939 was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates accounted for 32 percent; smelting of concentrates, 24 percent; and smelting of ore, 1 percent. However, these metallurgical data, when compared with those for 1937 and 1938, show a progressive decline in the use of amalgamation and an increase in the application of cyanidation.

Dredging was the leading method of working placer deposits, both in point of yardage of gravel treated and quantity of placer gold recovered. Floating dredges of the connected-bucket type handled 121,655,000 cubic yards of gravel and recovered 370,264 ounces of gold valued at $12,959,240 or 58 percent of the placer gold produced in the State in 1939. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) handled 31,618,000 yards of gravel, which yielded 172,519 ounces of gold valued at $6,038,165. Nonfloating washing plants to which gravel was delivered by mechanical means treated 5,512,000 yards of gravel and recovered 41,694 ounces of gold valued at $1,459,290. Hydraulic mines accounted for the production of 6,059 ounces of gold valued at $212,065 derived from 921,000 yards of gravel; 83,000 yards of gravel from drift mines were treated with a recovery of 6,525 ounces of gold valued at $228,375. Small-scale, hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in the production of 38,984 ounces of gold valued at $1,364,440. Decreases in 1939 compared with 1938 were recorded from all sources except dragline dredges and nonfloating washing plants.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county of the State; the county yielded 22 percent of the State's gold and 37 percent of the State's lode gold in 1939. The high rank in gold production of Sacramento, Yuba, Butte, Merced, Placer, Siskiyou, and Trinity Counties was attained largely from the output of placer gold, the product of dredges, both connected-bucket and dragline. Amador, Calaveras, Eldorado, and Mariposa Counties on the Mother Lode were important gold producers. Large gold outputs were also recorded for Kern, Plumas, and Shasta Counties.

The principal gold-producing mines in California in 1939, ranked in order of output and listed by operators, included the Idaho-Maryland Mines Corporation, Nevada County (gold ore), the Empire Star Mines Co., Ltd., Nevada County (gold ore), Natomas Co., Sacramento County (dredge), Yuba Consolidated Gold Fields, Yuba County (dredge), Central Eureka Mining Co., Amador County (gold ore), Lava Cap Gold Mining Corporation, Nevada County (gold ore), Capital Dredging Co., Sacramento County (dredge), Carson Hill Gold Mining Corporation, Calaveras County (gold ore), Golden Queen Mining Co., Kern County (gold ore), and Argonaut Mining Co., Ltd., Amador County (gold ore).

The output of silver from California ores, gravels, and re-treated tailings in 1939 was 2,599,139 fine ounces valued at $1,764,264 compared with the production of 2,590,804 ounces valued at $1,674,863 in 1938. Of the lode silver 47 percent was derived from dry gold ore,

43 percent from dry gold-silver ore, 2 percent from dry silver ore, and the remaining 8 percent from base-metal ores. A small quantity of silver was recovered as byproduct of gold dredging. Smelting of flotation concentrates accounted for almost 52 percent of the lode gold recovered in the State; 37 percent was recovered by cyanidation of ore, old tailings, sands, slimes, and concentrates; 8 percent by direct smelting; almost 3 percent by amalgamation of ore and old tailings; and 1 percent by smelting of gravity concentrates.

The principal silver-producing mines in California in 1939, ranked in order of output and listed by operators, were the Cactus Mines Co., Kern County (gold-silver ore), Golden Queen Mining Co., Kern County (gold ore), Graham Loftus Oil Corporation, Napa County (gold-silver ore), Lava Cap Gold Mining Corporation, Nevada County (gold ore), Lodestar Mining Co., Kern County (gold ore), and Walker Mining Co., Plumas County (copper ore).

CENTRAL STATES

The only output of gold from mines in the Central States in 1939 was a few ounces (4) of placer gold recovered in Vigo County, Indiana. The output of silver from mines in the Central States decreased from 386,210 ounces in 1938 to 315,953 ounces in 1939. All of the Michigan output in 1939 (101,878 ounces) was derived from copper ore. The entire production of silver from Missouri in 1939 (213,400 ounces) was from the refining of lead bullion and the treatment of skimmings; no copper ore was treated. Silver recovered from galena shipments from southern Illinois fluorspar mines in 1939 was 675 ounces compared with 576 ounces in 1938.

COLORADO

Gold production in Colorado in 1939 totaled 366,852 fine ounces (in terms of recovered metal), valued at $12,839,820, a decrease of 0.2 percent from 1938, according to Charles W. Henderson and A. J. Martin, of the Department of the Interior, Bureau of Mines. Teller County (Cripple Creek) continued to be the leading county, yielding 37 percent of the State total output of gold compared with 40 percent in 1938. The decrease in 1939 resulted largely from the temporary suspension of operations below the Roosevelt drainage tunnel in the Ajax and Cresson mines pending the completion of the new 6-mile Carlton drainage tunnel, for the driving of which the Golden Cycle Corporation, owner of the Ajax mine, authorized the expenditure of $1,000,000. This tunnel, which will drain the area around the Portland, Vindicator, Ajax, and Cresson mines to a depth approximately 1,100 feet below the maximum 1,900 feet now drained by the Roosevelt tunnel, was started in July 1939 and had been driven 7,308 feet by the end of the year. Park County, ranking next to Teller in gold output, contributed 12 percent of the State total, mostly from the London and London-Butte groups of lode mines and the Alma, Fairplay, Beaver Creek, and Tarryall placers. The *Timberline* floating connected-bucket dredge on Beaver Creek was the largest individual producer from placer mines in the county. Clear Creek County ranked third in the State in gold production, followed by San Miguel, Boulder, Eagle, San Juan, Rio Grande, Ouray, and Gilpin, all of which produced more than 10,000 ounces. The most important differences

from 1938 in gold output outside of Teller County were an increase of 12,821 ounces in San Miguel County, the result of extensive development campaigns carried on at the Smuggler Union, Alta-St. Louis, and Butterfly groups; and a decrease of 10,364 ounces in San Juan County, caused by the idlenes sthroughout the year of the Sunnyside mine, which was active part of 1938, and the interruption of operations of the Shenandoah-Dives Mining Co. from June 16 to September 7 by a strike of company employees.

The output of silver from Colorado mines in 1939 was 8,496,488 fine ounces, the highest in quantity since 1914; in value, however, the annual output from 1917 to 1920 and in 1922 exceeded that in 1939 ($5,767,313) owing to the high price of silver in those years. Eagle County contributed 71 percent of the State total silver in 1939, Mineral County 7 percent, San Miguel 7 percent, San Juan 3 percent, and other counties combined, chiefly Pitkin, Ouray, Lake, and Clear Creek, 12 percent. The principal silver-producing properties were: Eagle mine, Eagle County; New York-Pittsburg-Last Chance-Del Monte group, Mineral County; Smuggler Union group, San Miguel County; Shenandoah-Dives-Mayflower group, San Juan County; and Butterfly group, San Miguel County.

The number of lode mines in Colorado producing gold and silver in 1939 was 758, and placer mines 583. The total ore sold or treated during the year was 1,914,593 tons, of which 1,542,235 tons were dry and siliceous gold, gold-silver, and silver ores yielding 87 percent of the total State output of gold and 23 percent of the silver. Copper ore yielded 6 percent of the gold and 72 percent of the silver. Lead, lead-copper, zinc, and zinc-lead ores combined yielded slightly more than 1 percent of the gold and 5 percent of the silver. Placer mines produced nearly 6 percent of the total State gold. Amalgamation and cyanidation mills recovered 60 percent of the gold and 1 percent of the silver from lode mines in the form of bullion and retorts; the remainder was contained in crude ore and concentrates shipped to smelters. The quantity of gravel handled by two floating connected-bucket dredges, one dragline floating dredge, and 26 dry-land dredges was approximately 2,430,964 cubic yards; specific data on yardage handled at small-scale placer operations are not obtainable. The total production of gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1858 to 1939, inclusive, has been: Gold, 37,549,390 ounces; silver, 700,938,158 ounces.

EASTERN AND APPALACHIAN STATES

The mine production of gold in the Eastern and Appalachian States decreased from 19,928 fine ounces in 1938 to 17,414 ounces in 1939. The decreases were general, as the only increases were in Pennsylvania and South Carolina and were due to one mine in each State. The larger decreases were in Maryland, North Carolina, and Virginia. Two lode mines, one each in Pennsylvania and South Carolina, yielded nearly 90 percent of the total output in 1939. Nearly as many small placer mines were operated in 1939 as in 1938. Lode mines operated decreased by 7 and the output from both lode and placer mines decreased in 1939.

In 1939 Alabama mines yielded only 3 ounces of gold, Georgia 670 ounces, Maryland 71 ounces, North Carolina 495 ounces, Pennsylvania 1,815 ounces, South Carolina 13,833 ounces, Tennessee 163 ounces, and Virginia 364 ounces. About 24 placer mines in Georgia, North Carolina, South Carolina, and Virginia yielded 413 ounces of gold in 1939 compared with 667 ounces in 1938. Placer mines in Georgia had an output of 393 ounces in 1939—only two of the placer mines yielded more than 100 ounces of gold. The estimated output of gold in the Southern Appalachian States from 1790 to 1939, inclusive, is 2,548,375 fine ounces.

Copper ore from North Carolina and Tennessee and copper concentrates from magnetite-pyrite-chalcopyrite ore from Pennsylvania yielded 2,052 ounces of gold, which was 255 ounces more than in 1938. In 1939 120,274 tons of siliceous ore from Alabama, Georgia, Maryland, North Carolina, South Carolina, Tennessee, and Virginia were treated, yielding 14,949 ounces of gold. Ore treated at gold and silver mills aggregated 120,047 tons yielding 14,656 ounces of gold in bullion, and gold concentrates shipped to smelters (95 tons) containing 173 ounces. Only 227 tons of siliceous ore were shipped crude to smelters; this ore yielded 120 ounces of gold. Ore amalgamated (5,437 tons) yielded in bullion 945 ounces of gold and ore cyanided (114,610 tons) yielded 13,711 ounces. The larger producers of gold from siliceous ore were the Haile mine in South Carolina, the Hamilton mine in Georgia, and the Red Bank in Virginia.

The mine output of silver in the Eastern States in 1939 was 94,083 ounces against 94,945 ounces in 1938. Of the 1939 output, copper ore from Tennessee yielded 31,994 ounces, copper ore from North Carolina 3,827 ounces, copper concentrates from Pennsylvania 13,558 ounces, and lead concentrates from zinc-lead ores from New York, Tennessee, and Virginia 39,290 ounces. Siliceous ores, mainly from South Carolina and Virginia, yielded 6,023 ounces of silver. Only 35 ounces of silver were derived from placer bullion.

IDAHO

The output of recoverable gold, silver, copper, lead, and zinc from mines in Idaho in 1939 was valued at $29,794,144, compared with $29,028,103 in 1938, an increase of $766,041 (nearly 3 percent), according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. The output of gold increased 13 percent, copper 18 percent, and zinc 8 percent; the output of silver declined 9 percent and that of lead 1 percent, but the value of the lead output increased slightly as a result of the higher average sales price. Production of gold in Idaho in 1939 (116,662 fine ounces) was the largest since 1895; the gain was due to an increase of 18,565 ounces from lode mines as the output from placers declined 5,416 ounces. The output of gold, copper, and zinc in the Coeur d'Alene region, the most important metal-producing area in Idaho, was greater in 1939 than in 1938, but the output of silver and lead was less.

The output of recoverable gold increased from 103,513 ounces valued at $3,622,955 in 1938 to 116,662 ounces valued at $4,083,170 in 1939, a gain of nearly 13 percent; the gold output in 1939 was the largest recorded since 1895 when 125,517 ounces were produced. Gold from lode mines increased more than 37 percent to 67,999 ounces,

but that from placers decreased 10 percent to 48,663 ounces. Most of the gold from placer mines came from 8 connected-bucket dredges operating in Boise, Clearwater, and Idaho Counties; these dredges treated 6,626,356 cubic yards of gravel in 1939 and recovered 28,973 ounces of gold, a decrease of 2,261 ounces from 1938. Twenty-three dragline or power-shovel excavators with either dry-land or floating washing plants (operating chiefly in Idaho, Owyhee, Caynon, and Ada Counties) treated 2,094,600 cubic yards of gravel in 1939 and recovered 14,051 ounces of gold, a decrease of 3,397 ounces from 1938. Of the total placer gold produced in Idaho in 1939, 85 percent came from the Boise Basin, Warren, Newsome, Carson, Elk City, Pierce, Orogrande, and Riggins districts, where dredges were operated. The chief producers were Fisher-Baumhoff Co., Warren Dredging Co., Newsome Creek Placers, Idaho-Canadian Dredging Co. (formerly Moores Creek Dredging Co.), American River Mining Co., The Grimes Co., Quartz Creek Dredging Co., Mt. Vernon Co., and De Lamar Placers. The Jordan Creek Placers in Owyhee County and Ralph Davis, Inc., in Gem County, large producers of placer gold in 1938, suspended operations in December 1938.

About 92 percent of the total gold from lode mines came from dry and siliceous ore (chiefly gold ore) and nearly all the remainder came from zinc-lead ore. Dry and siliceous ores treated at amalgamation and cyanidation mills decreased from 186,163 tons in 1938 to 121,898 tons in 1939; the 1939 tonnage yielded 29,479 ounces of gold (in bullion and concentrates) and came chiefly from Idaho, Elmore, and Lemhi Counties. Ore treated at straight concentration plants yielded 23,247 ounces of gold in the concentrates, and crude ore shipped direct to smelters yielded 15,273 ounces. About 89 percent of the lode gold came from the Warm Springs, Middle Boise, Burgdorf-Marshall Lake, Yellow Pine, Mineral Hill, Carson, Boise Basin, Ramey Ridge, Ten Mile, and Yankee Fork districts and the Coeur d'Alene region. The chief producers were the Triumph, Golden Anchor, Boise Rochester, Yellow Pine, Golden Chest, De Lamar Milling Corporation, and Grunter properties.

The output of recoverable silver in Idaho decreased from 18,993,676 ounces in 1938 to 17,222,370 ounces in 1939, and the value from $12,278,740 to $11,690,336. The quantity declined 9 percent but the value only 5 percent as the average sales price of silver rose from $0.646+ per ounce in 1938 to $0.678+ per ounce in 1939. Idaho retained its position as the largest silver-producing area in the United States. Dry and siliceous silver ore yielded 65 percent of the total silver produced in Idaho in 1939, zinc-lead ore 24 percent, lead ore 5 percent, and gold-silver ore 4 percent. The output of silver from silver ore decreased 2,358,552 ounces in 1939, and that from lead ore also declined, but the output from zinc-lead ore increased 508,520 ounces, and that from gold-silver ore 632,251 ounces. The large decrease in output of silver from silver ore resulted chiefly from the decline in silver content of ore from the Sunshine mine as the output of ore from the mine in 1939 was virtually the same as in 1938. However, the mine retained its position as the largest producer of silver in the United States. The Coeur d'Alene region produced 88 percent of the State total silver in 1939; the remainder came chiefly from the Warm Springs, Bayhorse, Carson, Porthill, Pend d'Oreille, Blue Wing, Burgdorf-Marshall Lake, and Boise Basin districts. Nine mines—

the Sunshine, Bunker Hill & Sullivan, Triumph, Polaris, Morning, Hecla, Crescent, Page, and Mineral Point—produced 92 percent of the State silver output in 1939. All these mines except the Triumph, are in the Coeur d'Alene region, Shoshone County.

MONTANA

The output of recoverable gold, silver, copper, lead, and zinc from mines in Montana in 1939 was valued at $40,937,870, compared with $28,096,746 in 1938, an increase of $12,841,124 (46 percent), according to T. H. Miller and Paul Luff, of the United States Department of the Interior, Bureau of Mines. Substantial gains were recorded in the output of all five metals; the value of the copper output increased $5,214,268, zinc $2,770,072, gold $2,130,100, silver $2,028,598, and lead $698,086. The total value of the metal output from mines in Silver Bow County increased from $18,300,823 in 1938 to $27,677,359 in 1939, a gain of $9,376,536; the gain represented 73 percent of the total gain in Montana. Reopening of the zinc mines and increased output from the copper mines of the Anaconda Copper Mining Co. at Butte accounted for most of the gains from Silver Bow County. There were important increases in the output of siliceous ores, chiefly gold ore, from several counties and the gain in the output of gold from placer mines was notable.

The output of recoverable gold increased from 203,313 ounces valued at $7,115,955 in 1938 to 264,173 ounces valued at $9,246,055 in 1939. The output of gold in 1939 was the largest since 1887 when 289,212 ounces were produced. Gold from lode mines increased 41,209 ounces to 209,174 ounces in 1939 and gold from placers increased 19,651 ounces to 54,999 ounces. Dry and siliceous gold ore increased from 756,223 tons in 1938 to 815,949 tons in 1939 and yielded 68 percent of the total gold produced in Montana in 1939. The 1939 output of gold ore comprised 490,429 tons treated at cyanidation plants (433,233 tons in 1938), 82,359 tons treated at amalgamation plants, 148,138 tons treated at concentration plants, and 95,023 tons shipped direct to smelters. The ore treated at cyanidation mills (490,429 tons) yielded 68,349 ounces of gold (in bullion and concentrates) or 26 percent of the State total. Ore treated at straight concentration plants comprised 148,138 tons of gold ore, 43,600 tons of gold-silver ore, 125,262 tons of silver ore, 2,197,863 tons of copper ore, 300 tons of lead ore, 320,248 tons of zinc-lead ore, and 1,067 tons of zinc ore; concentrates produced from this ore yielded 39,923 ounces of gold, or 15 percent of the State total. Crude ore shipped direct to smelters (237,876 tons) yielded 86,928 ounces of gold or 33 percent of the total. The West Mayflower property (Madison County) of the Anaconda Copper Mining Co. was again the largest gold producer in Montana; it was followed by the Winston dredge near Clancey, the Ruby Gulch mine at Zortman, the Victoria mine at Silver Star, the Butte Highlands mine in Silver Bow County, the Butte properties of the Anaconda Copper Mining Co., the Porter dredge at Helena, the Jardine mine in Park County, the Golden Messenger mine in Lewis and Clark County, and the Southern Cross mine in Deer Lodge County. These 10 mines yielded 105,665 ounces of gold in 1939.

The output of recoverable silver in Montana in 1939 was 9,087,571 ounces valued at $6,168,533, compared with 6,403,962 ounces valued

at $4,139,935 in 1938, an increase of 42 percent in quantity and 49 percent in value. Silver from Silver Bow County increased 2,096,263 ounces in 1939 owing to increased output of copper ore and zinc-lead ore by the Anaconda Copper Mining Co. Copper ore yielded 52 percent of the State total silver in 1939, zinc-lead ore 20 percent, silver ore 18 percent, and gold ore 5 percent. Nearly 79 percent of the total silver came from ore concentrated and 19 percent came from crude ore shipped for smelting. The output of silver ore increased from 150,930 tons in 1938 to 177,892 tons in 1939. The Anaconda Copper Mining Co. was, as usual, the chief silver producer in Montana; the copper and zinc units at Butte and the Flathead mine yielded nearly 70 percent of the total silver. Other important silver producers in 1939 included the Comet mine near Basin, the Granite Bimetallic and Silver Prince mines near Philipsburg, the Big Seven and Florence mines at Neihart, the Hecla mine in Beaverhead County, and the West Mayflower mine in Madison County.

NEVADA

In 1939 Nevada gold production (in terms of recoverable metal) was the largest since 1916 in quantity and since 1912 in value, but the quantity of silver yielded was less than in 1938, according to Charles White Merrill of the United States Department of the Interior, Bureau of Mines. The recoverable output of gold from Nevada ores, re-treated tailings, and gravels in 1939 was 361,518 fine ounces valued at $12,653,130 compared with 296,434 ounces valued at $10,375,190 in 1938, an increase of 22 percent in quantity and value. Recoverable silver production in 1939 was 4,316,029 fine ounces valued at $2,929,668, compared with 4,355,471 ounces valued at $2,815,658 in 1938, a decrease of 1 percent in quantity but an increase of 4 percent in value.

Gold was recovered from the following sources: Dry gold ore, 61 percent; copper ore, 19 percent; dry gold-silver ore, 10 percent; placer gravels, 9 percent; and other ores, 1 percent. Compared with 1938, there was an increase in 1939 in the output of gold from placer gravels, copper ore, and dry ores, but a decrease from lead and zinc-lead ores. More gold was recovered by cyanidation in Nevada in 1939 than in 1938; also there was a proportionate increase, 49 percent of the lode gold was recovered by cyanidation in 1939 as compared with 41 percent in 1938. The yield of gold by amalgamation, by which only 10 percent of the Nevada lode gold was recovered in 1939, declined both in total yield and in proportionate output, compared with 1938. Nevada lode gold recovered by smelting of concentrates in 1939 increased and that recovered by smelting of ore decreased, compared with 1938. The principal Nevada gold mines, ranked in order of output in 1939 and listed by operating companies, were Getchell Mine, Inc., Humboldt County (gold ore), Black Mammoth Consolidated Mining Co. and Prescott Lease, Esmeralda County (gold ore), Consolidated Coppermines Corporation and lessees, White Pine County (copper ore), Nevada Consolidated Copper Corporation, White Pine County (copper ore), Manhattan Gold Dredging Co., Nye County (connected-bucket dredge), Chiquita Mining Co., Ltd., Clark County (gold ore), Dayton Consolidated Mines Co., Storey County (gold ore), Penelas Mining Co., Nye County (gold ore), Greenan and Co., Inc., Eureka County (gold ore), and Silver Hill Mining Co., Storey County (gold ore).

Nevada silver was recovered from the following sources in 1939: Dry gold-silver ore, 40 percent; dry silver ore, 31 percent; dry gold ore, 11 percent; copper ore, almost 7 percent; zinc-lead ore, 6 percent; lead ore, 5 percent; and zinc ore, lead-copper ore, and placer gravel, the remainder. Direct smelting of crude ore accounted for 44 percent of the lode silver produced in Nevada in 1939; 38 percent was recovered by cyanidation, 17 percent by the smelting of concentrates, and the remaining 1 percent by amalgamation.

The principal silver mines in Nevada in 1939, ranked in order of output and listed by operating companies, were the Desert Silver, Inc., Esmeralda County (silver ore), lessees of The Tonopah Mining Co. of Nevada, Nye County (gold-silver ore), Combined Metals Reduction Co., Lincoln County (zinc-lead ore), lessees of the Tonopah Belmont Development Co., Nye County (gold-silver ore), Consolidated Chollar, Gould & Savage Mining Co., Storey County (gold-silver ore), Nevada Consolidated Copper Corporation, White Pine County (copper ore), Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore), Bristol Silver Mining Co., Lincoln County (silver ore), Diamond Gold Mining Co., Clark County (gold-silver ore), and various lessees on the Nevada Wonder mine, Churchill County (gold-silver ore).

NEW MEXICO

The mine output of gold in New Mexico in 1939, in terms of recovered metal, totaled 36,979 fine ounces, valued at $1,294,265, a decrease of 14 percent from 1938, according to Charles W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The closing on May 31, 1939, of the Pecos zinc-lead-gold-silver-copper mine in San Miguel County, the chief producer of gold in the State since 1927, resulted in a decrease in its production from 13,847 ounces in 1938 to 5,694 ounces in 1939, a loss that was not made up by some increase in the aggregate output of other mines in the State. The Pecos mine had been also the largest individual producer of silver in the State, but the decrease of 155,781 ounces in its output in 1939 was considerably less than the increased output from mines in Grant and Hidalgo Counties and the State total output of silver increased 14 percent over 1938 to 1,400,878 fine ounces in 1939.

Dry and siliceous ores (111,202 tons) yielded 48 percent of the total output of gold and silver from New Mexico mines in 1939. The principal producers of these ores were the Black Hawk Consolidated Mines Co. (Mogollon Operations), Catron County; the Maxwell Land Grant Co. Aztec mine, Colfax County; and the East Camp Exploration Syndicate, Grant County (Steeple Rock district). Copper ore (4,517,429 tons), mostly from the Chino open-pit mine of the Nevada Consolidated Copper Corporation and the Ground Hog-San Jose group operated by the American Smelting & Refining Co. in Grant County and the Bonney mine of the Banner Mining Co. in Hidalgo County, yielded 26 percent of the gold and 27 percent of the silver; zinc-lead ore (128,694 tons), chiefly from the Ground Hog-San Jose group and Pecos mine, 16 percent and 22 percent; lead, lead-copper, and zinc ores from various lode mines (220,050 tons) 1 percent and 3 percent; and placer mines yielded 9 percent of the gold and a negligible quantity of silver. The quantity of gravel handled by draglines and land washing plants at five placer operations in

Sierra, Santa Fe, and Grant Counties yielding 84 percent of the State total output of placer gold was 535,462 cubic yards; specific data are not obtainable on the quantity handled with sluices, rockers, and pans at small placer mines. Figures compiled by Charles W. Henderson show that from 1848 to 1939, inclusive, New Mexico mines have produced 2,084,992 fine ounces of gold and 62,540,420 fine ounces of silver.

OREGON

The quantity of gold produced in Oregon in 1939 (in terms of recoverable metal) was 14 percent greater than in 1938, and its value was the largest in the history of the State, according to Charles White Merrill of the United States Department of the Interior, Bureau of Mines. The output of gold from Oregon ores, gravels, and re-treated tailings was 93,372 fine ounces valued at $3,268,020 compared with 81,729 ounces valued at $2,860,515 in 1938. Placer mines produced 65 percent of the gold and lode mines 35 percent. Dredges of the connected-bucket type treated 6,267,000 cubic yards of gravel in 1939 compared with 7,258,000 yards in 1938 and recovered 25,028 ounces of gold valued at $875,980 compared with 29,006 ounces valued at $1,015,210 in 1938. Dragline floating dredges handled 5,964,000 yards of gravel in 1939 compared with 2,891,000 yards in 1938 and recovered 26,257 ounces of gold valued at $918,995 in 1939 compared with 15,939 ounces of gold valued at $557,865 in 1938. Dragline dredges handled 45 percent of the gravel and recovered 43 percent of the placer gold in Oregon in 1939; connected-bucket dredges handled 47 percent of the gravel and recovered 41 percent of the placer gold. Virtually all of the lode gold was recovered from dry and siliceous gold ore; smelting of flotation concentrates accounted for the major part of the lode gold recovered.

The principal Oregon gold mines in 1939, arranged in order of importance as producers and listed by operating companies, were: Cornucopia Gold Mines, Baker County (gold ore), Sumpter Valley Dredging Co., Baker County (connected-bucket dredge), Ferris Mining Co., Grant County (dragline floating dredge), Western Dredging Co., Grant County (connected-bucket dredge), and Porter & Co., Grant County (connected-bucket dredge). These five companies contributed over one-half of the gold output in Oregon in 1939.

Oregon ores, gravels, and re-treated tailings in 1939 yielded 105,388 fine ounces of silver valued at $71,536 compared with 100,507 ounces valued at $64,974 in 1938; the increase was 5 percent in quantity and 10 percent in value. Of the State total silver Baker County contributed 85 percent and Grant County 12 percent; the Cornucopia mine alone accounted for over three-fourths of the State total.

SOUTH DAKOTA

In 1939 mines in South Dakota yielded 618,536 fine ounces of gold valued at $21,648,760, an increase of 4 percent over the previous record high annual output in 1938, according to Charles W. Henderson and A. J. Martin of the Department of the Interior, Bureau of Mines. Silver production in the State in 1939 (all a byproduct of gold mining) was 167,584 fine ounces valued at $113,754. The Homestake mine at Lead, Lawrence County, the largest producer of gold in the

United States, yielded 92 percent of the State output of gold. This mine has been operated almost continuously since 1876 and produced more gold in 1939 than in any other year in its history. Development from the 3,200- to the 5,000-foot level has been in progress since 1932, and two shafts equipped for an ultimate vertical depth of 5,000 feet are being sunk to replace other shafts, one of which was still in use in 1939. One of the new shafts has been in operation since 1934 and had been completed to the 4,550-foot level at the end of 1939; the other was begun in 1938 and had been excavated to a depth of 3,426 feet by December 31, 1939. The ore is treated in company mills by amalgamation followed by cyanidation of the sands and slimes. The net return from bullion sold in 1939 was $19,922,965 and the dividends paid amounted to $9,041,760. The ore mined and treated totaled 1,400,015 tons.

The Bald Mountain Mining Co., operating its group of mines and 350-ton cyanide plant at Trojan, treated 122,524 tons of ore in 1939 which, together with 74 tons shipped crude to smelters, yielded 29,279 fine ounces of recoverable gold and 37,132 fine ounces of silver; the return to the company after deductions for transportation and mint and smelter charges was $1,040,982. The other principal producers during the year were the Canyon Corporation, operating the Maitland mine 5½ miles northwest of Deadwood; the Gilt Edge Mines, Inc., working the Gilt Edge-Dakota Maid group in the Bear Butte district, Lawrence County; and the Empire Gold Mines, Inc., operating the Golden Slipper mine near Hill City, Pennington County. Placer mines in the State yielded 622 ounces of gold and 47 ounces of silver. The total production of gold and silver (in terms of recovered metals) in South Dakota from 1876 to 1939, inclusive, as compiled by Chas. W. Henderson, has been 18,850,644 ounces of gold, valued at $441,369,749 and 8,999,991 ounces of silver, valued at $6,402,381.

TEXAS

Texas mines yielded 324 fine ounces of gold, valued at $11,340, and 1,341,945 fine ounces of silver valued at $910,896 in 1939, according to mine-production figures compiled by Charles W. Henderson and A. J. Martin of the Department of the Interior, Bureau of Mines. Compared with 1938, the output of gold decreased 26 percent in quantity and value and that of silver decreased 6 percent in quantity but only 2 percent in value owing to the increase in price from $0.646+ to $0.711+ per fine ounce by an act of Congress approved July 6, 1939. Nearly all the State gold and 97 percent of the silver came from the Presidio mine of the American Metal Co., at Shafter, Presidio County; the remainder was contained in silver, copper, and lead ore shipped crude to the El Paso smelter from mines and prospects in Culberson and Hudspeth Counties, among which the Hazel mine in Culberson County and the Sancho Panza and Plata Verde mines in Hudspeth County were the only producers of more than a car of ore.

The Presidio mine is equipped with a 400-ton gravity concentration-cyanidation mill which was run at an average rate of 381 tons daily in 1939, compared with 350 tons in 1938. The minerals contained in the ore are argentite, cerargyrite, galena, anglesite, and cerussite. From 1885 to 1939, inclusive, the mine has produced 1,947,340 tons of ore containing 32,230,808 ounces of silver; the recovery in the mill

(averaging 84.52 percent for the period) totaled 27,240,351 ounces. Recovery of some gold and lead with the silver has made this mine the largest producer of these metals also in the State. The total output of gold and silver in Texas (in terms of recovered metals) from the beginning of production in 1885 to the end of 1939, compiled from all sources by Charles W. Henderson, has been 7,423 fine ounces of gold, and 30,091,579 fine ounces of silver.

UTAH

The output of recoverable gold, silver, copper, lead, and zinc from mines in Utah in 1939 was valued at $62,725,551, compared with $43,745,902 in 1938, an increase of $18,979,649 (43 percent), according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. There was a gain in total value of each of the five metals, notably in copper which increased $14,560,424; the total value of gold rose $2,699,235, that of silver $1,043,302, that of lead $317,152, and that of zinc $359,536. Most of the gain in copper and gold was in the Bingham district and was due to a larger output of copper ore by the Utah Copper Co. There was a substantial increase in production of zinc-lead ore from the Park City region, but this gain was partly offset by decreased output of zinc-lead ore from other sections of the State.

The output of recoverable gold increased from 200,630 ounces valued at $7,022,050 in 1938 to 277,751 ounces valued at $9,721,285 in 1939, a gain of 77,121 ounces (38 percent). Gold recovered from copper ore increased from 98,100 ounces in 1938 to 159,653 ounces in 1939 as the output of copper ore increased from 12,032,385 tons to 19,602,472 tons. Gold from lead ore, zinc-lead ore, and zinc-lead-copper ore increased 302 ounces and gold from dry and siliceous ores increased 15,228 ounces. Base ores (copper ore, lead ore, lead-copper ore, zinc-lead ore, and zinc-lead-copper ore) yielded 69 percent of the State total gold and dry and siliceous ores nearly 31 percent; placers in Utah yielded only 145 ounces of gold in 1939. Ore treated at straight concentration plants yielded 67 percent of the total gold in 1939, crude ore smelted 27 percent, and ore to cyanidation mills nearly 6 percent. Mines in the West Mountain (Bingham) district produced about 69 percent of the total gold; there was an increase of 61,165 ounces in the district output. The Utah Copper Co. was, as usual, the largest gold producer in Utah, followed by the Con Mercur, United States & Lark, Tintic Bullion, and Mammoth mines.

The output of recoverable silver increased from 9,682,732 ounces valued at $6,259,544 in 1938 to 10,758,657 ounces valued at $7,302,846 in 1939. Silver from the Bingham district increased 448,502 ounces, chiefly as a result of the increased output of copper ore by the Utah Copper Co.; silver from Tooele County increased more than 600,000 ounces owing to greater production from the Ophir Hill and Hidden Treasure properties; and silver from the Park City region increased 267,069 ounces owing to the reopening of the Silver King Coalition and Park Utah Consolidated properties; but silver from the Tintic district declined 281,824 ounces. Zinc-lead ore and zinc-lead-copper ore yielded 44 percent of the total silver in 1939, dry and siliceous ores more than 31 percent, copper ore 14 percent, and lead ore 10 percent. Ore treated at concentration plants yielded 62 percent of the

total silver and crude ore smelted nearly 38 percent. The United States Smelting, Refining & Mining Co. was again the largest silver producer in Utah, followed by the Tintic Standard, Utah Copper, Silver King Coalition, Park City Consolidated, and Ophir Hill properties. These six properties produced 69 percent of the total silver in Utah in 1939.

WASHINGTON

The output of recoverable gold, silver, copper, lead, and zinc from mines in Washington was valued at $6,739,467 in 1939, compared with $5,510,440 in 1938, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. Substantial gains were recorded in output of gold, silver, and copper, but losses in lead and zinc. The total value of the copper produced increased 59 percent and that of the gold and silver each 22 percent; the total value of lead declined 11 percent and that of zinc 4 percent. Except for a brief shut-down during the summer, the Holden mine and mill of the Howe Sound Co. in Chelan County were operated regularly in 1939, and gains at this property accounted for the increases in total output of gold, silver, and copper in the State. The closing of the Azurite plant in February caused a decrease in gold from Whatcom County but there was a gain in gold from Okanogan County owing to operation of the Alder group near Twisp by the Methow Gold Corporation. Production of gold from the Republic district, Ferry County, increased slightly in 1939, but that from Stevens County decreased as the First Thought cyanide mill was idle.

The output of recoverable gold increased from 74,175 ounces valued at $2,596,125 in 1938 to 90,420 ounces valued at $3,164,700 in 1939. Gold recovered from copper ore increased from 30,650 ounces in 1938 to 48,064 ounces in 1939 as the output of copper ore increased from 373,120 tons to 597,957 tons. Gold from dry and siliceous gold ore decreased 1,890 ounces in 1939 owing to the decrease in ore treated at amalgamation and cyanidation plants. Gold from gold ore shipped to smelters was nearly double that in 1938 and came chiefly from mines in the Republic district, Ferry County, and from the Alder group in Okanogan County. Ore treated at straight concentration mills increased from 631,864 tons in 1938 to 864,151 tons in 1939 and yielded nearly 54 percent of the total gold produced in the State; ore to amalgamation and cyanidation mills decreased to 167,972 tons (from 212,161 tons in 1938) and yielded 19 percent of the gold; crude ore shipped direct to smelters (92,441 tons in 1939 compared with 57,664 tons in 1938) yielded 25 percent, and placers 3 percent. Most of the placer output came from operations on the Columbia River in Stevens and Ferry Counties. The Holden property was by far the largest gold producer in Washington in 1939; other important producers included the Aurum, Knob Hill, Mountain Lion, Quilp, and Republic properties in Ferry County; the Alder property in Okanogan County; and the Azurite mine in Whatcom County.

The output of recoverable silver increased from 380,938 ounces valued at $246,263 in 1938 to 442,063 ounces valued at $300,067 in 1939. Silver from copper ore and gold ore increased but that from silver ore and zinc-lead ore decreased. Copper ore yielded 43 percent of the State total silver in 1939, gold ore 38 percent, and silver ore 15 percent. Ore treated at straight concentration plants yielded 58 percent of the

silver, ore smelted 29 percent, and ore cyanided nearly 13 percent. The Holden mine in Chelan County was again the chief silver producer in Washington, followed by the Aurum and Knob Hill mines at Republic and the Arlington mine in Okanogan County.

WYOMING

Wyoming mines yielded only 583 fine ounces of gold and 75 fine ounces of silver in 1939, the lowest in any year since 1932. The bulk of the output came from placer mines in the Atlantic City district, Fremont County. The E. T. Fisher Co. operated its 1¼-cubic yard dragline and land dredge for the seventh consecutive season on placer ground in this district and produced most of the State output of gold and silver. During the year lode mines yielded only 57 tons of ore, which contained 31 ounces of gold and 13 ounces of silver. The total production of gold and silver (in terms of recovered metals) in Wyoming from 1867 to 1939, inclusive, according to Chas. W. Henderson, has been 76,673 fine ounces of gold and 74,372 fine ounces of silver.

Distribution of the gold and silver production of the United States, in fine ounces, for 1939, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
		Placer mines				
	Lode mines	Floating connected-bucket dredges	All other	Dry and siliceous ores [1]	Lead ores [2]	Copper ores
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	3					73
Alaska	209, 166	304, 995	162, 576	200, 981	[3] 1, 063, 527	4, 820, 469
Arizona	310, 044		6, 409	1, 940, 008	8, 162	195, 972
California	799, 219	370, 264	265, 781	2, 395, 005	392, 965	6, 114, 224
Colorado	347, 033	4, 688	15, 131	1, 989, 299		
Georgia	277		393	58	5, 039, 444	44, 278
Idaho	67, 999	28, 973	19, 690	12, 138, 648	[4] 675	
Illinois			4			
Indiana				2		101, 878
Maryland	71					
Michigan					213, 400	4, 697, 920
Missouri				2, 354, 671	2, 034, 980	280, 654
Montana	209, 174	33, 815	21, 184	3, 559, 253	476, 122	381, 875
Nevada	328, 960	19, 968	12, 590	667, 788	351, 215	
New Mexico	33, 505		3, 474		37, 250	3, 827
New York			7	134		
North Carolina	488		35, 751	105, 388		[5] 13, 558
Oregon	32, 593	25, 028				
Pennsylvania	[5] 1, 815		8	5, 480		
South Carolina	13, 825		622	167, 584		31, 994
South Dakota	617, 914					2, 209
Tennessee	163			1, 339, 609	127	1, 514, 899
Texas	324		145	3, 395, 681	5, 848, 077	
Utah	277, 606		5	384	1, 396	192, 237
Virginia	359		2, 261	234, 867	14, 959	
Washington	88, 159		352	75		
Wyoming	31					
Total [6]	3, 338, 728	787, 731	546, 583	30, 494, 915	15, 482, 299	18, 396, 067

[1] Contains small quantity of silver from placer mines (177,435 ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Includes zinc-lead-copper ore from 1 mine in Utah; zinc-copper ore from Arizona.
[4] From galena concentrates containing silver, a by-product of fluorspar ores.
[5] From copper concentrates from magnetite-pyrite-chalcopyrite ore.
[6] Philippine Islands and Puerto Rico excluded. The Department of Agriculture and Commerce of the Philippine Islands, reports a revised production figure as of June 19, 1940, for the Commonwealth of the Philippines for the calendar year 1939: 1,001,223 ounces of gold from lode mines and 38,923 ounces from placers; also 1,317,908 ounces of silver from lode mines and 9,934 ounces from placers.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1938 and 1939 with the increase and decrease in each for the latter year

State and territory	Production [1]				Increase 1939	Decrease 1939
	1938		1939			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	659, 831	$23, 094, 100	671, 157	$23, 490, 500	11, 326	
Alabama	37	1, 300	28	1, 000		9
Arizona	307, 646	10, 767, 600	314, 572	11, 010, 000	6, 926	
California	1, 317, 549	46, 114, 200	1, 424, 719	49, 865, 200	107, 170	
Colorado	375. 317	13, 136, 100	370, 934	12, 982, 700		4, 383
Georgia	780	27, 300	643	22, 500		137
Idaho	98, 003	3, 430, 100	115, 183	4, 031, 400	17, 180	
Indiana			3	100	3	
Maryland	857	30, 000	72	2, 500		785
Montana	188, 360	6, 592, 600	256, 437	8, 975, 300	68, 077	
Nevada	280, 009	9, 800, 300	351, 306	12, 295, 700	71, 297	
New Mexico	41, 800	1, 463, 000	36, 348	1, 272, 200		5, 452
North Carolina	1, 977	69, 200	520	18, 200		1, 457
Oregon	80, 397	2, 813, 900	91, 346	3, 197, 100	10, 949	
Pennsylvania	1, 406	49, 200	1, 911	66, 900	505	
South Carolina	11, 414	399, 500	13, 834	484, 200	2, 420	
South Dakota	591, 757	20, 711, 500	617, 634	21, 617, 200	25, 877	
Tennessee	380	13, 300	166	5, 800		214
Texas	431	15, 100	340	11, 900		91
Utah	215, 414	7, 539, 500	266, 634	9, 332, 200	51, 220	
Virginia	3, 040	106, 400	363	12, 700		2, 677
Washington	68, 103	2, 383, 600	85, 820	3, 003, 700	17, 717	
Wyoming	860	30, 100	597	20, 900		263
Philippine Islands	844, 434	29, 555, 200	990, 569	34, 669, 900	146, 135	
Puerto Rico	9	300	35	1, 200	26	
Total	5, 089, 811	$178, 143, 400	5, 611, 171	$196, 391, 000	536, 828	15, 468
Net increase					521, 360	

[1] For method of calculation, see p. 48.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1938 and 1939, with the increase and decrease in each for the latter year

State and territory	Production [1]				Increase 1939	Decrease 1939
	1938		1939			
	Ounces	*Value* [2]	*Ounces*	*Value* [2]	*Ounces*	*Ounces*
Alaska	563, 806	$364, 481	298, 146	$202, 377		265, 660
Alabama	3	2	54	36	51	
Arizona	7, 483, 213	4, 837, 633	7, 436, 417	5, 047, 742		46, 796
California	2, 694, 270	1, 741, 750	2, 604, 191	1, 767, 691		90, 079
Colorado	7, 805, 543	5, 046, 008	8, 205, 703	5, 569, 932	400, 160	
Georgia	63	41	225	153	162	
Idaho	18, 397, 204	11, 893, 142	17, 239, 334	11, 701, 535		1, 157, 870
Illinois	92	59	154	104	62	
Maryland	24	15	2	1		22
Michigan	106, 468	68, 828	102, 187	69, 363		4, 281
Missouri	169, 223	109, 397	244, 074	165, 674	74, 851	
Montana	6, 761, 682	4, 371, 124	8, 927, 157	6, 059, 638	2, 165, 575	
Nevada	4, 114, 601	2, 659, 944	4, 516, 905	3, 065, 813	402, 004	
New Mexico	1, 261, 996	815, 836	1, 262, 420	856, 914	424	
New York	40, 834	26, 398	44, 232	30, 024	3, 398	
North Carolina	4, 985	3, 223	3, 639	2, 470		1, 346
Oregon	91, 761	59, 320	110, 956	75, 315	19, 195	
Pennsylvania	10, 625	6, 869	14, 349	9, 740	3, 724	
South Carolina	2, 444	1, 580	5, 454	3, 702	3, 010	
South Dakota	158, 164	102, 247	171, 277	116, 260	13, 113	
Tennessee	38, 918	25, 159	32, 170	21, 836		6, 748
Texas	1, 381, 110	892, 839	1, 380, 329	936, 949		781
Utah	10, 288, 613	6, 651, 224	10, 843, 772	7, 360, 611	555, 159	
Virginia	1, 484	959	1, 460	991		24
Washington	311, 345	201, 273	427, 519	290, 194	116, 174	
Wyoming	462	299	142	96		320
Philippine Islands	976, 501	631, 273	1, 247, 541	846, 815	271, 040	
Puerto Rico	1	1	4	3	3	
Total	62, 665, 335	40, 510, 924	65, 119, 513	44, 202, 279	4, 028, 105	1, 573, 927
Net increase					2, 454, 178	

[1] For method of calculation see p. 48.
[2] Value calculated on basis of the average price per fine ounce returned to depositors of newly mined domestic silver produced—in 1938, $0.6464+; in 1939, $0.6787+.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value[1]	Fine ounces	Commercial value
1792 to July 31, 1834	677, 250	$14, 000, 000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	$253, 400
1845	48, 762	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50, 300
1847	43, 005	889, 000	38, 700	50, 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50, 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851–55	14, 270, 625	295, 000, 000	193, 500	259, 400
1856–60	12, 384, 000	256, 000, 000	309, 400	418, 300
1861–65	10, 716, 271	221, 525, 000	28, 810, 600	38, 674, 300
1866–70	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 789, 100	23, 588, 300
1872	1, 741, 500	36, 000, 000	22, 236, 300	29, 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 568, 200	157, 749, 900
1873–75	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876–80	10, 300, 633	212, 933, 000	157, 680, 500	182, 506, 400
1881–85	7, 730, 372	159, 801, 000	182, 840, 700	202, 806, 600
1886–90	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891–95	9, 106, 834	188, 255, 000	287, 057, 000	227, 960, 100
1896–1900	15, 728, 572	325, 138, 400	279, 544, 300	172, 688, 800
1901–05	19, 393, 722	400, 903, 800	278, 798, 400	159, 543, 400
1906–10	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 520, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 299, 784	88, 884, 400	66, 801, 500	40, 348, 100
1914	4, 572, 976	94, 531, 800	72, 455, 100	40, 067, 700
1915	4, 887, 604	101, 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92, 590, 300	74, 414, 802	48, 953, 000
1917	4, 051, 440	83, 750, 700	71, 740, 362	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	66, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 573	60, 801, 955
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 075	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 502, 632	51, 734, 000	73, 335, 170	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45, 911, 864
1926	2, 335, 042	48, 269, 600	62, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60, 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 507	34, 200, 567
1929	2, 208, 386	45, 651, 400	61, 327, 868	32, 687, 758
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 029
1931	2, 395, 878	49, 527, 200	30, 932, 050	8, 970, 294
1932	2, 449, 032	50, 626, 000	23, 980, 773	6, 762, 578
1933	2, 556, 246	52, 842, 300	23, 002, 629	8, 050, 920
1934	3, 091, 183	108, 191, 400	32, 725, 353	[2] 21, 155, 784
1935	3, 609, 283	126, 324, 900	45, 924, 454	[2] 33, 008, 201
1936	4, 357, 394	152, 508, 800	63, 812, 176	[2] 49, 422, 530
1937	4, 804, 540	168, 158, 900	71, 941, 794	[2] 55, 646, 978
1938	5, 089, 811	178, 143, 400	62, 665, 335	[3] 40, 510, 924
1939	5, 611, 171	196, 391, 000	65, 119, 513	[3] 44, 202, 279
Total	195, 978, 705	4, 431, 842, 000	3, 468, 509, 931	2, 614, 401, 705
Grand total	255, 445, 653	5, 661, 129, 000	3, 587, 387, 631	2, 772, 556, 105

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver; in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

[3] Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, $0.6464+, and in 1939 $0.6787+.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1939

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at $35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1939, with the classes of material from which they were made.

Gold and silver issued for use in the industrial arts during the calendar year 1939 [1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and Assay Offices	316,365	358,528
Bullion in various forms	Private refiners and dealers	38,472,595	69,149,393
United States coin [2]	Banks, etc.		77,344
Total		38,788,960	69,585,265
Old jewelry, plate, scrap, etc., contained in private refineries and dealers' returns, and that returned to monetary use.		31,328,360	24,972,260
Net new material used in industry		7,460,600	44,613,005

[1] For explanation of calculation, see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881–85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886–90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891–95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896–1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901–05	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906–10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911–15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	1,000,000	−7,489,667
1933	17,013,260	22,805,960	−5,792,700	100,000	−5,892,700
1934	14,232,795	75,927,285	−61,694,490		−61,694,490
1935	25,929,497	58,390,675	−32,461,178		−32,461,178
1936	32,967,937	35,875,770	−2,907,833		−2,907,833
1937	39,622,338	36,407,945	3,214,393		3,214,393
1938	30,156,754	30,480,835	−324,081		−324,081
1939	38,788,960	31,328,360	7,460,600		7,460,600
Total	1,987,941,752	948,481,501	1,039,460,251	138,975,000	900,485,251

SILVER

	Fine ounces	Fine ounces	Fine ounces	Fine ounces	Fine ounces
1880	2,793,929	203,540	2,590,389	464,063	2,126,326
1881–85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886–90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891–95	39,985,973	4,758,381	35,231,592	541,406	34,690,186
1896–1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901–05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906–10	122,764,809	18,342,642	104,422,167	386,720	104,035,447
1911–15	152,221,115	34,641,952	117,579,163	386,720	117,192,443
1916	32,103,507	9,899,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,041,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,024,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,824,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11,381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,829	26,874,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,335,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,343,451	18,532,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	35,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,292,270	23,564,986	27,727,284	77,344	27,649,940
1938	38,620,473	18,438,847	20,181,626	77,344	20,104,282
1939	69,585,265	24,972,260	44,613,005	77,344	44,535,661
Total	1,411,442,843	407,542,713	1,003,900,130	5,955,475	997,944,655

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Treated as having priority as regards issue or reissue.

Mint Issue of Fine Gold Bars for Industrial Use

(On value basis; see p. 48)

The value of the fine gold bars issued for industrial use in exchange for cash, by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1939 was as follows:

Month	Value of bars issued	Month	Value of bars issued
1939:		1939—Continued.	
January	$27,925.51	September	$23,319.70
February	15,701.51	October	120,196.79
March	25,610.87	November	17,637.19
April	13,876.02	December	8,102.86
May	28,034.51		
June	13,110.31	Total	316,376.99
July	15,598.80		
August	7,262.92	Prior calendar year	239,992.87

Domestic coinage of the United States mints during the calendar year 1939

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Silver:					
Half dollars:					
Regular	$3,410,404.00	$1,276,000.00	$2,133,900.00	$6,820,304.00	13,640,608
Arkansas Centennial	1,052.00	1,052.50	1,052.00	3,156.50	6,313
Oregon Trail	1,502.00	1,502.50	1,502.00	4,506.50	9,013
Quarter dollars	8,387,198.75	657,000.00	1,773,000.00	10,817,198.75	43,268,795
Dimes	6,774,932.10	1,054,000.00	2,439,400.00	10,268,332.10	102,683,321
Total silver	18,575,088.85	2,989,555.00	6,348,854.00	27,913,497.85	159,608,050
Minor:					
5-cent nickel	6,031,376.75	331,500.00	175,700.00	6,538,576.75	130,771,535
1-cent bronze	3,164,795.20	520,700.00	151,600.00	3,837,095.20	383,709,520
Total minor	9,196,171.95	852,200.00	327,300.00	10,375,671.95	514,481,055
Total coinage	27,771,260.80	3,841,755.00	6,676,154.00	38,289,169.80	674,089,105
Prior year:					
Total coinage, value	9,202,706.64	1,885,062.00	1,630,410.00	12,718,178.64	
Total coinage, pieces	212,031,046	30,229,024	38,456,620		280,716,690

Coinage by the United States for Other Countries

The coinage for other countries during the calendar year 1939, all by the mint at Philadelphia, totaled 15,725,000 pieces, as compared with 48,579,644 pieces during the prior calendar year, as follows:

Country	Pieces	Country	Pieces
Silver:		Bronze:	
Cuba	9,200,000	Dominican Republic	2,000,000
Dominican Republic	325,000	Honduras	4,000,000
Total silver	9,525,000	Total bronze	6,000,000
Nickel: Dominican Republic	200,000	Total coinage	15,725,000
		Prior year total coinage	48,579,644

Deposits of foreign gold bullion and coin during the calendar year ended Dec. 31, 1939

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:	*Value*	*Value*	*Value*		
Canada	$3,169,005	$211,449,525	$374,255	$214,992,785	6,142,651
Mexico	3,115,178	20,606,740	1,166,550	24,888,465	711,099
Cuba	50,575		35	50,610	1,446
Dominican Republic	290,675			290,675	8,305
British West Indies	5,145			5,145	147
Other North American Countries	2,450			2,450	70
Central America	1,244,005	730,135		1,974,140	56,404
South America:					
Brazil		2,144,240		2,144,240	61,264
British Guiana	167,545			167,545	4,787
Chile	2,249,800	2,179,100	630	4,429,530	126,558
Colombia	25,373,180		4,480	25,377,660	725,076
Ecuador	862,400		40,250	902,650	25,790
Panama	51,800			51,800	1,480
Peru	786,135	1,681,995	210	2,468,340	70,524
Venezuela	4,282,635			4,282,635	122,361
Other South American Countries	14,105			14,105	403
Europe:					
Belgium	5,096,770	60,039,245	1,260	65,137,275	1,861,065
France	95,172,175	96,214,195	6,545	191,392,915	5,468,369
Germany	12,640,180	15,217,965	10,758,755	38,616,900	1,103,340
Great Britain	229,833,975	1,482,267,605	907,795	1,713,009,375	48,943,125
Italy		10,056,200	5,390	10,061,590	287,474
Netherlands	4,830,875	129,141,145	4,445	133,976,465	3,827,899
Norway		14,513,975		14,513,975	414,685
Spain		571,480	236,775	808,255	23,093
Sweden	71,680	30,853,410		30,925,090	883,574
Switzerland	11,539,255	18,792,060	6,090	30,337,405	866,783
Yugoslavia		93,765		93,765	2,679
Other Europe	1,050	1,715	43,855	46,620	1,332
Eurasia: Union of Socialist Soviet Republics		42,396,060	6,090	42,402,150	1,211,490
Asia:					
China	27,848,275	400,190		28,248,465	807,099
Dutch East Indies	191,135	64,995		256,130	7,318
India	50,815,765	677,670	132,160	51,625,595	1,475,017
Japan	39,195,415	125,571,775		164,767,190	4,707,634
Straits Settlements	207,480			207,480	5,928
Other Asia			35	35	1
Africa: Liberia	245			245	7
Oceania:					
Australia	5,238,905	69,274,135	516,530	75,029,570	2,143,702
New Zealand	722,575	211,295		933,870	26,682
Fiji Islands	432,705			432,705	12,363
Unallocated	5,040		20,055	25,095	717
Total value	525,508,130	2,335,150,615	14,232,190	2,874,890,935	
Total ounces	15,014,518	66,718,589	406,634		82,139,741

Deposits of foreign silver bullion and coin during the calendar year 1939 [1]

[On quantity basis, see p. 48]

Country	Calendar year 1939		Country	Calendar year 1939	
	Fine ounces	Subsidiary coining value at $1.38+per fine ounce		Fine ounces	Subsidiary coining value at $1.38+per fine ounce
Refined bullion:			Crude bullion—Continued.		
Great Britain	15,857	$21,921	South America—Con.		
France	10,142	14,020	Panama	274	$379
Mexico	193,502	267,499	Venezuela	7,112	9,832
Crude bullion:			Other South American Countries	62	86
North America:			Europe	197	272
Mexico	31,668	43,778	Asia:		
Cuba	266	368	China	11,185	15,462
Dominican Republic	665	919	Dutch East Indies	382	528
British West Indies	21	29	India	45,932	63,497
Other North American Countries	23	32	Japan	4,693	6,488
Central America:			Straits Settlements	383	529
Costa Rico	11,277	15,589	Oceania:		
Salvador	4,536	6,271	Australia	32,447	44,855
Other Central American Countries	3,561	4,923	Fiji Islands	1,948	2,693
South America:			New Zealand	696	962
British Guiana	370	511	Unallocated	18	25
Chile	6,949	9,606	Mixed Foreign Coin	416	575
Colombia	6,236	8,621	Total fine ounces	405,043	
Ecuador	3,826	5,289	Total subsidiary coinage value		$559,935
Peru	10,399	14,376			

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934 amounting to 282,933,313 fine ounces for the calendar year 1939. This item includes 2,991,666.71 fine ounces of silver contained in Chinese coin received by the San Francisco Mint for conversion to bullion.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 3,151,217 fine ounces not included in the above table and consisted of: Refined silver from domestic refineries, 1,302,717 fine ounces; French refined 663,582 fine ounces; Japanese refined 333,230 fine ounces; Great Brtiain refined 287,841 fine ounces; Belgian refined 213,042 fine ounces; German refined 68,089 fine ounces, and miscellaneous continued foreign refined 282,716 fine ounces.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1939

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Acquisitions	6,962	19,525	5,175	14,459	2,134	4,273	52,528
Transfers	202	15	58	3	2	1	281
Deposits for foreign coinage	7						7
Total deposit transactions	7,171	19,540	5,233	14,462	2,136	4,274	52,816
Deposit assay determinations:							
Acquisitions	10,543	26,795	7,710	31,191	2,134	5,518	83,891
Transfers	202	3	2,005	2		1	2,213
Deposits for foreign coinage	301						301
Total deposit assay determinations	11,046	26,798	9,715	31,193	2,134	5,519	86,405

Summary of exports and imports of gold and silver during the calendar year 1939

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$508,063	$3,574,658,840	$14,629,792	$85,307,095
In ore and base bullion	340,957	92,763,736	185,996	23,311,788
Refined bullion	167,106	3,476,102,792	8,312,856	54,598,730
Coin:				
United States		752	66,738	294,328
Foreign		5,791,560	6,064,202	7,102,249

Deposits and purchases of gold during

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	7.163	23,463.629
Alabama		
Arizona		53,629.331
California		931,735.478
Colorado		18.162
Georgia		1.343
Idaho		12,040.363
Indiana	3.688	
Maryland	71.720	
Montana		71.718
Nevada	3.660	143,111.317
New Mexico		
North Carolina	253.490	
Oregon		23,244.792
South Carolina	13,790.943	
South Dakota		
Texas		
Utah		
Virginia	315.773	
Washington		2,059.716
Wyoming		
Other States	2.974	
Philippine Islands		810,650.289
Puerto Rico		
Grains, receiving division	175.512	180.689
Operative Recoveries (surplus bullion)	270.717	1,841.415
Total newly mined unrefined	14,895.640	2,002,048.242
Domestic—newly mined (domestic refinery product):		
Less than 0.995 fine		
0.995 fine and over		1,266,961.498
Total newly mined domestic	14,895.640	3,269,009.740
Domestic—other:		
Secondary	106,797.908	32,652.646
Domestic Coin:		
Purchased	42.127	62.766
From Treasury and Reserve Banks	25,252.235	
Total domestic	146,987.910	3,301,725.152
IMPORTS:		
Bullion, unrefined	180.397	2,169,309.845
Bullion, refined:		
From domestic refineries		145,836.656
Other		5,318,684.498
Secondary	177.085	
Foreign Coin:		
Purchased	396.808	14,810.016
From Treasury and Reserve banks	13.426	
Total imports	767.716	7,648,641.015
Total primary receipts	147,755.626	10,950,366.167
REDEPOSITS		
From Treasury and Federal Reserve banks		169,984.996
From other sources		1,171,999.587
Total redeposits		1,341,984.583
Total acquisitions	147,755.626	12,292,350.750
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		
Total intermint transfers		203.800
Grand total, fine ounces		203.800
	147,755.626	12,292,554.550
VALUE—	*Value*	*Value*
Purchases at $20.67+ per ounce	$4,564.20	$3,899.65
Increment to $35.00 per ounce	3,163.55	2,696.76
Purchases at $35.00 per ounce	4,279,421.06	424,276,213.97
Transferred from Treasury and Reserve banks		5,949,474.86
Domestic coin transferred from Treasury and Reserve banks (melted)	883,828.23	
Foreign coin transferred from Treasury and Reserve banks	469.91	
Intermint transfers		7,133.00
Total value at $35.00 per ounce	5,171,446.95	430,239,400.24

the calendar year ended Dec. 31, 1939

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
16. 611	1. 228		605, 274. 556	628, 763. 187
		2. 010		2. 010
140. 745	5. 426		1. 011	53, 776. 513
19. 217		3. 158	342. 785	932, 100. 638
227, 090. 089				227, 108. 251
		616. 456		617. 799
22, 148. 222			24, 709. 197	58, 897. 782
				3. 688
				71. 720
70, 944. 743		3. 244	54, 823. 461	125, 843. 166
295. 150			8, 786. 899	152, 197. 026
11, 365. 383		11. 299		11, 376. 682
1. 009				254. 499
2, 724. 784	5. 084		28, 801. 680	54, 776. 340
	6. 848			13, 797. 791
47, 299. 472				47, 299. 472
. 129				. 129
14, 556. 037				14, 556. 037
				315. 773
511. 661			13, 742. 569	16, 313, 946
532. 439			5. 327	537. 766
	1. 045			4. 019
				810, 650. 289
	35. 398			35. 398
108. 384	63. 325	3. 324	83. 405	614. 639
359. 738	1, 567. 773			4, 039. 643
398, 113. 813	1, 686. 127	639. 491	736, 570. 890	3, 153, 954. 203
5, 834, 840			7, 072. 529	12, 907. 369
597, 541. 115	734, 466. 395			2, 398, 969. 008
1, 001, 489. 768	736, 152. 522	639. 491	743, 643. 419	5, 765, 830. 580
22, 607. 914	131, 937. 278	23, 627. 643	10, 236. 835	327, 860. 224
31. 117	9, 739. 338	7. 467	1. 772	9, 884. 587
14, 493. 417				39, 745. 652
1, 038, 622. 216	877, 829. 138	24, 274. 601	753, 882. 026	6, 143, 321. 043
	12, 843, 748. 467	181. 233	826. 279	15, 014, 246. 221
	289, 264. 983			435, 101. 639
	60, 961, 085. 568	3, 718. 128		66, 283, 488. 194
	94. 540			271. 625
12. 509	391, 385. 350	14. 501	1. 577	406, 620. 761
				13. 426
12. 509	74, 485, 578. 908	3, 913. 862	827. 856	82, 139, 741. 866
1, 038, 634. 725	75, 363, 408. 046	28, 188. 463	754, 709. 882	88, 283, 062. 909
	156, 723. 952			326, 708. 948
	616, 390. 159			1, 788, 389. 746
	773, 114. 111			2, 115, 098. 694
1, 038, 634. 725	76, 136, 522. 157	28, 188. 463	754, 709. 882	90, 398, 161. 603
1, 492, 020. 992				1, 492, 020. 992
695, 946. 758				695, 946. 758
100. 000		10. 000	10. 000	323. 800
2, 188, 067. 750		10. 000	10. 000	2, 188, 291. 550
3, 226, 702. 475	76, 136, 522. 157	28, 198. 463	754, 719. 882	92, 586, 453. 153
Value	*Value*	*Value*	*Value*	*Value*
$1, 104. 77	$202, 664. 45	$463. 81	$165. 72	$212, 853. 60
765. 19	140, 502. 74	324. 50	114. 87	147, 567. 61
35, 843, 075. 83	2, 658, 949, 770. 07	985, 807. 90	26, 414, 565. 27	3, 150, 748, 854. 10
	5, 485, 338. 32			11, 434, 813. 18
507, 209. 59				1, 391, 097. 82
				469. 91
76, 582, 371. 25		350. 00	350. 00	76, 590, 204. 25
112, 934, 586. 63	2, 664, 778, 275. 58	986, 946. 21	26, 415, 195. 86	3, 240, 525, 860. 47

Deposits and purchases of silver

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	1.42	4,837.09
Alabama		
Arizona		108,780.27
California		862,462.85
Colorado		4.47
Georgia		.03
Idaho		5,384.25
Maryland	2.40	
Montana		6.40
Nevada	2.05	1,428,627.84
New Mexico		
North Carolina	37.24	
Oregon		3,626.94
South Carolina	23.97	
South Dakota		
Utah		
Virginia	121.54	
Washington		6,062.97
Wyoming		
Other States	.38	
Philippine Islands		837,385.47
Puerto Rico		
Grains, receiving division	107.08	81.89
Operative recoveries (surplus bullion)	2,015.09	4,534.38
Total newly mined unrefined	2,311.17	3,261,794.85
Domestic—newly mined (domestic refinery product):		
Less than 0.996 fine	3,360.64	
0.996 fine and over	37,298,167.89	17,604,016.29
Total newly mined domestic	37,303,839.70	20,865,811.14
Domestic—other:		
Secondary	28,285.43	31,506.90
Domestic Coin:		
Purchased	2,529.96	221.86
From Treasury and Reserve Banks	2,423,726.47	261,924.70
Total domestic	39,758,381.56	21,159,464.60
IMPORTS:		
Bullion, unrefined	21.25	73,789.12
Bullion, refined:		
Purchase Act Silver	1,600.17	52,428,660.38
Other		
Secondary	37.92	
Foreign coin	399.03	.48
Total imports	2,058.37	52,502,449.98
Total primary receipts	39,760,439.93	73,661,914.58
INTERMINT TRANSFERS		
Unrefined bars		
Proof bullion		25.00
Assay coin	136.04	
Total intermint transfers	136.04	25.00
DEPOSITS IN TRUST FOR OTHER GOVERNMENTS		
Imported bullion	1,848,499.70	
Bullion from domestic refineries	1,302,716.60	
Total deposited in trust	3,151,216.30	
Grand Total, fine ounces	42,911,792.27	73,661,939.58
VALUE—	*Value*	*Value*
Cost of acquisitions	$24,431,714.60	$36,305,949.79
Cost of bullion transferred		11.16
Subsidiary coining value of transferred domestic coin	3,350,768.97	362,087.02
Monetary value (at $1.29 + per fine ounce) of bullion transferred		32.32
Monetary value (at $1.29 + per fine ounce) of silver acquired	48,273,730.50	94,900,996.95

during the calendar year 1939

basis, see page 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
49,002.95	0.28		25,143.10	78,984.84
		0.50		.50
26.30	.72		.48	108,807.77
2.86		.47	95.56	862,561.74
101,557.80				101,562.27
		61.55		61.58
9,876.91			2,699.13	17,960.29
				2.40
97,101.03		.58	2,600.64	99,708.65
2,931.94			1.24	1,431,563.07
379,522.34		4.06		379,526.40
.01				37.25
3,363.48	.80		888.18	7,879.40
	5.51			29.48
41,946.38				41,946.38
1,804.84				1,804.84
				121.54
22,653.17			422.56	29,138.70
60.78			.52	61.30
	.11			.49
60,941.38				898,326.85
	3.54			3.54
42.31	16.64	1.27	39.08	288.27
3,438.72	622.90			10,611.09
774,273.20	650.50	68.43	31,890.49	4,070,988.64
			7.41	
123,408.65				126,776.70
1,683,901.47	78,519.78			56,664,605.43
2,581,583.32	79,170.28	68.43	31,897.90	60,862,370.77
			2,701.44	154,794.54
7,712.31	77,812.73	6,775.73		
				3,187.40
435.58				3,173,420.52
487,769.35				
3,077,500.56	156,983.01	6,844.16	34,599.34	64,193,773.23
				185,061.27
	111,227.45	23.45		
				282,933,313.41
	230,503,052.86			219,500.73
	219,500.73			64.33
	26.41			416.57
	17.06			
				283,338,356.31
	230,833,824.51	23.45		
3,077,500.56	230,990,807.52	6,867.61	34,599.34	347,532,129.54
				37,430.82
37,430.82				5,346.73
	5,047.00	274.73		136.04
				42,913.59
37,430.82	5,047.00	274.73		
				1,848,499.70
				1,302,716.60
				3,151,216.30
3,114,931.38	230,995,854.52	7,142.34	34,599.34	350,726,259.43
Value	*Value*	*Value*	*Value*	*Value*
$1,695,699.54	$98,499,634.70	$2,640.97	$12,307.94	$160,947,947.54
14,643.97	2,245.15	123.09		17,023.37
674,296.66				4,387,152.65
				55,308.34
48,395.41	6,525.41	355.20	44,734.50	445,231,462.00
3,348,339.34	298,654,781.37	8,879.34		

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with

annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1940

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Purchases	6,452	20,169	5,169	12,501	1,934	4,301	50,526
Purchase act silver		157		831			988
Transfers	187	3		1			191
Intermint transfers	1	3	62	6	2	1	75
Total deposit transactions	6,640	20,332	5,231	13,339	1,936	4,302	51,780
Deposit assay determinations:							
Purchases	9,350	27,431	6,325	22,013	1,934	5,521	72,574
Purchase act silver		157		6,504			6,661
Transfers	187	3		1			191
Intermint transfers	2		1,711	285		1	1,999
Total deposit assay determinations	9,539	27,591	8,036	28,803	1,934	5,522	81,425

Deposits and purchases of gold

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	1,034	23,873,576
Alabama		
Arizona		51,632,571
California		920,776,530
Colorado	2,099	
Georgia		1,343
Idaho		13,948,724
Maryland	11,250	
Montana		90,106
Nevada	3,690	164,201,550
New Mexico	179	344,442
North Carolina	45,290	
Oregon		27,951,687
South Carolina	12,806,253	
South Dakota		
Utah		
Virginia	342,432	
Washington		2,296,264
Wyoming		
Other States		
Philippine Islands		887,538,835
Puerto Rico		
Gratuo, receiving division	246,648	182,254
Operative recoveries (surplus bullion)	273,133	312,987
Total newly mined unrefined	13,731,918	2,073,471,408
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine		
0.995 fine and over		1,296,433,226
Total newly mined domestic	13,731,918	3,369,894,704
Domestic—Other:		
Secondary	90,518,267	33,534,492
Domestic coin—Purchased	10,331	164,743
From Treasury and reserve banks	14,628,350	
Total domestic	128,888,846	3,403,583,938
IMPORTS:		
Bullion, unrefined		4,276,255,553
Bullion, refined:		
From domestic refineries		65,629,236
Other		5,119,448,636
Secondary	982,504	
Foreign coin	476,808	17,074,375
Total imports	1,459,312	9,478,407,820
Total primary receipts	130,328,158	12,881,991,758
REDEPOSITS		
From Treasury and Federal reserve banks		169,984,996
From other sources		
Total redeposits		169,984,996
Total acquisitions	130,328,158	13,051,976,754
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		254,140
Total interminit transfers		254,140
Grand total, fine ounces	130,328,158	13,052,230,894
VALUE:	*Value*	*Value*
Purchases at $20.67 4-per ounce	$3,503,93	$6,949,69
Increment to $35 per ounce	2,436,30	4,517,06
Purchases at $35 per ounce	4,008,552,06	438,807,419,63
Domestic coin from other Treasury offices (melted)	346,962,26	
Interminit transfers		8,864,90
Total value at $35 per ounce	4,361,455,57	456,828,061,30

during the fiscal year 1940

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
16.611	2.617		643,609.264	667,504.302
		4.079		4.079
198.399	5.426		1.011	51,877.407
22.788		3.158	191.981	920,994.766
217,946.965				217,949.064
		804.663		806.006
24,205.866			25,033.487	63,188.077
				11.250
75,639.780		3.244	49,177.720	124,910.850
223.511			18,856.664	183,285.385
12,425.182				12,769.803
				45.290
3,004.708	5.084		31,131.767	62,093.246
	6.848			12,812.101
43,916.998				43,916.998
18,417.543				18,417.543
				342.452
186.608			13,977.545	16,460.417
477.315			4.335	481.650
	1.045			1.045
				867,838.825
	8.801			8.801
24.326	64.570	3.384	96.072	617.254
589.461	1,262.248			2,437.849
397,296.061	1,356.639	818.528	782,079.846	3,268,754.460
			7,419.283	15,655.168
8,235.885				2,371,736.761
581,944.298	493,369.227			
987,476.244	494,725.866	818.528	789,499.129	5,656,146.389
21,675.078	128,790.789	22,002.060	9,721.747	315,232.413
34.428	1,674.080	2.194	3.029	1,888.804
6,083.561				21,711.911
1,015,269.311	625,190.735	22,822.782	799,223.905	5,994,979.517
	11,832,825.282	549.944	1,028.109	16,110,658.888
				668,764.241
	603,135.005			64,778,999.694
	59,655,832.910	3,718.128		2,033.005
	1,090.501			287,535.199
13.450	269,952.901	16.304	1.301	
13.450	72,362,836.599	4,284.436	1,029.410	81,848,011.027
1,015,282.761	72,988,027.334	27,107.218	800,253.315	87,842,990.544
	165,352.669			335,337.665
	3,359.944			3,359.944
	168,712.613			338,697.609
1,015,282.761	73,156,739.947	27,107.218	800,253.315	88,181,688.153
3,234,074.912				3,234,074.912
776,164.622	238,190.552			1,014,355.174
100.000		10.000	10.000	374.140
4,010,339.534	238,190.552	10.000	10.000	4,248,804.226
5,025,622.295	73,394,930.499	27,117.218	800,263.315	92,430,492.379
Value	*Value*	*Value*	*Value*	*Value*
$1,119.57	$105,242.97	$408.01	$281.75	$117,505.94
775.96	72,821.78	282.73	195.30	81,329.15
35,320,076.42	2,560,307,833.47	948,061.90	28,008,388.98	3,085,400,333.46
212,924.64				759,916.90
140,361,883.69	8,336,669.32	350.00	350.00	148,708,147.91
175,896,780.28	2,568,822,567.54	949,102.64	28,009,216.03	3,235,067,233.36

Deposits and purchases of silver

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	0.38	4,968.16
Alabama		
Arizona		91,310.64
California		775,897.17
Colorado	.21	
Georgia		.03
Idaho		6,608.51
Maryland	.93	
Montana		8.49
Nevada	2.05	1,595,011.93
New Mexico		9,449.01
North Carolina	21.45	
Oregon		4,342.18
South Carolina	41.59	
South Dakota		
Utah		
Virginia	158.29	
Washington		6,676.08
Wyoming		
Other States		
Philippine Islands		809,833.91
Puerto Rico		
Grains, receiving division	161.10	89.50
Operative recoveries (surplus bullion)	2,018.99	252.78
Total newly mined unrefined	2,404.99	3,304,448.39
Domestic—newly mined (domestic refinery product):		
Less than 0.996 fine		
0.996 fine and over	28,892,411.46	21,660,956.13
Total newly mined domestic	28,894,816.45	24,965,404.52
Domestic—Other:		
Secondary	26,441.02	35,351.30
Domestic coin—Purchased	2,160.59	343.30
From Treasury and reserve banks	2,273,416.41	209,826.50
Total domestic	31,196,834.47	25,210,925.62
IMPORTS:		
Bullion, unrefined		130,783.37
Bullion, refined, from domestic refineries:		
Purchase Act silver		31,172,560.91
Other		
Secondary	240.04	
Foreign coin	399.55	.43
Total imports	639.59	31,303,344.71
Total primary receipts	31,197,474.06	56,514,270.33
INTERMINT TRANSFERS		
Unrefined bars		
Proof bullion		50.00
Assay coin	731.04	
Total intermint transfers	731.04	50.00
Grand total, fine ounces	31,198,205.10	56,514,320.33
VALUE:	*Value*	*Value*
Cost of acquisitions	$19,581,751.34	$30,099,702.55
Cost of bullion transferred	1,010.60	22.04
Subsidiary coining value of transferred domestic coin	3,142,790.91	290,066.00
Monetary value (at $1.29+ per fine ounce) of bullion transferred	945.18	64.64
Monetary value (at $1.29+ per fine ounce) of silver acquired	37,396,761.38	72,797,664.70

during the fiscal year 1940

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
71, 548. 32	0. 41		25, 758. 68	102, 275. 95
		2. 40		2. 40
30. 63	. 72		. 48	91, 342. 47
3. 37		. 47	28. 41	775, 929. 42
101, 057. 14				101, 057. 35
		79. 46		79. 49
12, 753. 69			2, 678. 61	22, 040. 81
				. 93
134, 903. 38		. 58	1, 977. 34	136, 889. 79
5, 841. 31			46. 41	1, 600, 901. 70
425, 698. 76				435, 147. 77
				21. 45
6, 466. 85	. 80		780. 81	11, 590. 64
	5. 51			47. 10
42, 284. 21				42, 284. 21
1, 382. 57				1, 382. 57
				158. 29
39, 527. 49			377. 82	46, 581. 39
54. 83			. 43	55. 26
	. 11			. 11
				809, 833. 91
	. 81			. 81
17. 32	15. 51	1. 98	41. 37	326. 78
3, 796. 31	5, 607. 21			11, 675. 29
845, 366. 18	5, 631. 08	84. 89	31, 690. 36	4, 189, 625. 89
			7. 55	117, 837. 64
117, 830. 09	7, 683, 670. 90			58, 237, 038. 49
963, 196. 27	7, 689, 301. 98	84. 89	31, 697. 91	62, 544, 502. 02
				199, 917. 50
7, 405. 89	121, 875. 82	6, 251. 19	2, 502. 28	2, 916. 90
403. 57	9. 44			2, 991, 528. 13
508, 285. 22				
1, 479, 290. 95	7, 811, 187. 24	6, 336. 08	34, 290. 19	65, 738, 864. 55
	153, 884. 30	177. 37		286, 845. 04
	164, 651, 571. 77			195, 824, 132. 68
	275, 969. 50			275, 969. 50
	257. 00			497. 04
	89. 48			489. 46
	165, 083, 772. 05	177. 37		196, 387, 933. 72
1, 479, 290. 95	172, 894, 959. 29	6, 513. 45	34, 290. 19	262, 126, 798. 27
40, 490. 81	98, 049. 64			138, 540. 45
	3, 047. 00	249. 75		3, 346. 75
				731. 04
40, 490. 81	101, 096. 64	249. 75		142, 618. 24
1, 519, 781. 76	172, 996, 055. 93	6, 763. 20	34, 290. 19	262, 269, 416. 51
Value	*Value*	*Value*	*Value*	*Value*
$679, 114. 24	$71, 332, 420. 85	$2, 224. 55	$11, 700. 97	$121, 706, 914. 50
14, 132. 29	44, 451. 22	109. 09		59, 725. 24
702, 657. 96				4, 135, 514. 87
52, 351. 76	130, 710. 80	322. 91		184, 395. 29
1, 255, 441. 75	223, 540, 957. 31	8, 421. 43	44, 334. 79	335, 043, 581. 36

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	35,452,759	874,020,910
1901–10	1,027,923,621	24,424,066	292,990,021	151,141,502	50,674,590	1,546,853,770
1911–20	1,207,510,554	57,685,006	1,038,976,705	498,731,121	71,763,836	2,894,665,222
1921–25	377,017,322	11,540,452	1,407,812,217	400,701,903	66,370,352	2,263,442,476
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 [2]	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,002	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938	209,045,356	[3] 3,074,347	900,728,354	3,095,675	14,448,225	1,130,391,957
1939	292,962,521	[3] 1,269,916	2,895,341,664	24,067,161	12,233,912	3,225,815,174
1940	209,712,611	826,025	2,854,616,654	10,063,732	11,140,063	3,086,359,085
Total	6,815,762,049	2,870,592,562	14,331,829,383	2,045,754,166	525,846,065	26,589,774,225

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are calculated on the basis of $35 per fine ounce; prior thereto on the basis of $20.67+ per fine ounce.
[3] Includes coin converted into bullion.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of silver deposited							Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–80	134,328,580	936,884		9,690,739		2,432,822	1,485,882	148,834,907
1881–90	262,093,183	9,520,744		13,592,062		6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524		10,741,204		3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,003,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–20	75,026,914	18,198,526	708	19,881,277	[4] 4,288,901	17,880,262	7,087,482	142,964,070
1921–30	218,245,969	20,522,169		22,242,803		6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196		1,333,817		78,174	583,107	7,176,510
1932	594,613	4,937,134		989,943		365,720	679,242	7,566,652
1933	567,579	5,580,855		627,680		5,594	728,233	7,509,933
1934	10,909,547	5,626,105		21,488,552		17,468	586,358	38,628,030
1935	[4] 140,540,635	5,840,287		294,409,533	[5] 42,324	165,433	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179		558,830,375	[5] 1,241	1,000,917	630,566	614,375,240
1937	[4] 63,251,602	3,997,293		163,237,051		867	249,816	230,736,719
1938	69,031,701	3,644,595		337,409,003		577	217,188	410,303,064
1939	63,298,478	3,207,646		352,925,689		17	164,190	419,596,020
1940	62,532,000	2,995,176		196,387,444		489	211,920	262,127,529
Total	1,436,471,493	142,029,080	618,724	2,022,750,914	36,927,425	46,870,115	39,473,867	3,725,141,618

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1940

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$236,900.00	$35,720.00	$272,620.00
Eagles	110,880.00	1,140.00	112,020.00
Half eagles	84,635.00	1,515.00	86,150.00
Quarter eagles	17,647.50	543.50	18,191.00
$3 pieces	81.00	27.00	108.00
$1 pieces	197.00	141.00	338.00
Total gold, face amount	450,340.50	39,086.50	489,427.00
Total value of gold, at $20.67+ per ounce			454,433.78
Silver:			
Trade dollars		25.00	25.00
Standard dollars		366.00	366.00
Half dollars	1,864,260.50	1,508.00	1,865,768.50
Quarter dollars	1,805,827.75	1,618.25	1,807,446.00
20-cent pieces	11.20		11.20
Dimes	855,145.80	1,770.20	856,916.00
Half dimes	400.90	.30	401.20
3-cent pieces	36.09		36.09
Total silver, face amount	4,525,682.24	5,287.75	4,530,969.99
Nickel:			
5-cent pieces	329,203.15		329,203.15
3-cent pieces	28.86		28.86
1-cent pieces	16.43		16.43
Total nickel, face amount	329,248.44		329,248.44
Bronze:			
2-cent pieces	30.48		30.48
1-cent pieces	95,189.93	3.83	95,193.76
Total bronze, face amount	95,220.41	3.83	95,224.24
Copper:			
1-cent pieces	25.55		25.55
½-cent pieces	.10		.10
Total copper, face amount	25.65		25.65
Total minor, face amount	424,494.50	3.83	424,498.33
Total face amount	5,400,517.24	44,378.08	5,444,895.32

SUMMARY

	Weights
Metal obtained by melting the above:	
Gold, fine ounces	21,983.234
Silver, do	2,995,176.07
Nickel, gross ounces	1,004,653.28
Bronze and copper, do	922,345.32
	Value
Monetary value of metal obtained:	
Gold [1]	$769,413.20
Silver	4,140,547.95
Nickel	312,489.33
Bronze and copper	92,234.52
Total	5,314,685.00
Loss by recoinage:	
Silver	390,422.04
Nickel	16,759.11
Bronze and copper	3,015.37
Total	410,196.52

[1] At $35 per ounce.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1930	$1,329
1891–1900	105,188	1931	1,193
1901–10	14,939	1932	442
1911–20	13,986	1933	513
1921	948	1934	504
1922	2,447	1935	649
1923	2,635	1936	638
1924	1,918	1937	339
1925	1,773	1938	607
1926	2,594	1939	629
1927	3,638	1940	366
1928	1,394		
1929	852	Total	228,358

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1931	$5,487,496	$4,997,679	$489,817
1901–10	20,479,140	19,225,132	1,254,008	1932	7,482,437	6,825,156	657,281
1911–20	[2] 26,181,212	25,525,323	655,889	1933	8,467,446	7,715,023	752,423
1921	[2] 746,284	702,116	44,168	1934	7,563,736	6,948,272	615,464
1922	2,571,425	2,398,058	173,367	1935	8,828,214	8,074,032	754,182
1923	3,508,345	3,272,750	235,595	1936	7,200,195	6,587,520	612,675
1924	2,224,110	2,063,050	161,060	1937	6,026,887	5,526,508	500,379
1925	2,650,726	2,438,878	211,848	1938	5,514,687	5,038,320	476,367
1926	2,746,730	2,527,848	218,882	1939	4,861,773	4,434,279	427,494
1927	3,936,868	3,637,021	299,847	1940	4,530,970	4,140,548	390,422
1928	4,224,510	3,896,122	328,388				
1929	3,803,020	3,489,500	313,520	Total	198,357,274	185,970,100	12,387,174
1930	4,347,695	3,944,682	403,013				

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1940

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America.					
Canada	$13, 124, 300	$431, 470, 655	$598, 150	$445, 193, 105	$12, 719, 803
Mexico	4, 358, 795	29, 748, 075	90, 405	34, 197, 275	977, 065
Cuba	77, 595		35	77, 630	2, 218
Dominican Republic	273, 105			273, 105	7, 803
British West Indies	7, 560		28, 420	35, 980	1, 028
Central America	1, 395, 240	2, 429, 665		3, 824, 905	109, 283
South America:					
Bolivia	4, 760			4, 760	136
British Guiana	739, 900			739, 900	21, 140
Chile	3, 093, 020	4, 254, 670	630	7, 348, 320	209, 952
Colombia	18, 252, 640			18, 252, 640	521, 504
Dutch Guiana	281, 820			281, 820	8, 052
Ecuador	1, 425, 060		22, 645	1, 447, 705	41, 363
Peru	2, 962, 785	4, 606, 490	24, 010	7, 593, 285	216, 951
Venezuela	4, 873, 015	2, 009, 910		6, 882, 925	196, 655
Europe:					
Belgium	11, 124, 155	45, 186, 190	1, 890	56, 312, 235	1, 608, 921
Finland	239, 490	4, 191, 740	3, 917, 620	8, 368, 850	239, 110
France	167, 497, 155	210, 228, 165	6, 475	377, 731, 795	10, 792, 337
Germany	885, 885		4, 095	889, 980	25, 428
Great Britain	106, 254, 260	864, 708, 460	396, 375	971, 359, 095	27, 753, 117
Italy	28, 770	38, 462, 900	5, 390	38, 497, 060	1, 099, 916
Latvia		2, 556, 715		2, 556, 715	73, 049
Netherlands	1, 306, 480	166, 025, 125	6, 650	167, 338, 255	4, 781, 093
Norway	898, 240	27, 148, 170		28, 046, 410	801, 326
Portugal	1, 190	1, 551, 900	1, 330	1, 554, 420	44, 412
Spain	1, 546, 615	571, 480		2, 118, 095	60, 517
Sweden	6, 283, 935	170, 380, 175	4, 215, 400	180, 879, 510	5, 167, 986
Switzerland	23, 140, 635	101, 848, 670	1, 330	124, 990, 635	3, 571, 161
Yugoslavia		658, 875		658, 875	18, 825
Other Europe	1, 015		105	1, 120	32
Eurasia: Union of Soviet Socialist Republics		5, 568, 640		5, 568, 640	159, 104
Asia:					
Arabia		122, 150		122, 150	3, 490
China	36, 739, 255	1, 618, 365		38, 357, 620	1, 095, 932
India	91, 400, 330	1, 923, 600	210, 280	93, 534, 210	2, 672, 406
Japan	53, 264, 540	98, 803, 740		152, 068, 280	4, 344, 808
Straits Settlements	146, 020			146, 020	4, 172
Turkey	228, 130	813, 260		1, 041, 390	29, 754
Federated Malay States	5, 511, 590	288, 785		5, 800, 375	165, 725
Africa:					
Egypt	401, 520			401, 520	11, 472
Liberia	7, 350			7, 350	210
Union of South Africa		613, 515		613, 515	17, 529
Oceania:					
Australia	2, 753, 485	71, 423, 660	516, 530	74, 693, 675	2, 134, 105
Dutch East Indies	153, 230	132, 195		285, 425	8, 155
New Zealand	840, 805	1, 325, 800		2, 166, 605	61, 903
Fiji Islands	2, 401, 210			2, 401, 210	68, 606
Unallocated			15, 960	15, 960	456
Total value	563, 944, 885	2, 290, 671, 740	10, 063, 725	2, 864, 680, 350	
Total ounces	16, 112, 711	65, 447, 764	287, 535		81, 848, 010

Deposits of foreign silver bullion and coin during the fiscal year 1940 [1]

[On quantity basis see pp. 48]

Country	Fiscal year 1940		Country	Fiscal year 1940	
	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce		Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
REFINED BULLION			CRUDE BULLION—con.		
Great Britain	15,857	$21,921	Europe	7,831	10,826
Mexico	260,113	359,383	Asia:		
CRUDE BULLION			China	16,286	22,514
North America:			Dutch East Indies	181	250
Mexico	37,735	52,165	India	91,616	126,651
Cuba	468	647	Japan	6,852	9,472
Dominican Republic	677	936	Straits settlements	112	155
British West Indies	46	64	Federated Malay States	5,491	7,591
Other North American countries	3,378	4,670	Africa:		
Central America:			Egypt	996	1,377
Costa Rica	10,477	14,484	Other	14	19
Salvador	13,181	18,221	Oceania:		
Other Central American countries	5,102	7,053	Australia	13,338	18,438
South America:			Fiji Islands	11,415	15,780
British Guiana	1,480	2,046	New Zealand	784	1,084
Chile	9,803	13,552	Unallocated	1	1
Colombia	3,660	5,060	Mixed foreign coin	489	676
Ecuador	6,735	9,310	Total fine ounces	563,801	
Peru	29,768	41,151	Total subsidiary coinage value		779,403
Venezuela	9,422	13,025			
Other South American countries	493	681			

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 195,824,133 fine ounces for the fiscal year 1940.

Summary of exports and imports of gold and silver, fiscal year ended June 30, 1940

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$5,011,306	$4,304,118,580	$9,078,233	$59,805,983
In ore and base bullion	116,681	106,179,674	8,639	21,751,331
Refined bullion	1,026,203	4,042,479,090	8,093,869	37,681,115
Coin:				
United States	10	276	58,791	331,171
Foreign	3,868,412	155,459,540	916,934	42,336

Imports and exports of United States gold coin, by fiscal years, since 1870 [1]

[From United States import and export statistics]

Fiscal year ended June 30 [2]—	Imports	Exports	Fiscal year ended June 30 [2]—	Imports	Exports
1870–77		$281,207,579	1930	$94,996,631	$2,732,549
1878–80	$29,188,201	12,235,535	1931	253,371,606	39,629,056
1881–90	43,747,793	71,195,737	1932	196,539,282	163,863,560
1891–1900	190,525,938	499,734,320	1933	15,174,963	13,831,425
1901–10	148,038,281	329,838,094	1934	5,551,429	4,556,500
1911–20	305,377,828	1,123,309,631	1935	6,824,149	
1921	29,537,408	107,572,881	1936	184,123	10
1922	19,184,697	17,410,199	1937	1,605	
1923	27,745,568	29,177,479	1938	405	
1924	26,058,570	6,874,009	1939	537	
1925	14,302,999	122,213,657	1940	276	10
1926	53,171,273	99,785,784			
1927	74,379,780	78,880,733	Total	1,643,639,534	3,288,149,554
1928	33,836,309	252,575,372	Net exports		1,644,510,020
1929	76,399,392	31,534,493			

[1] After Jan. 31, 1934, data are calculated on the basis of $35 per fine ounce for gold content of coin; prior to that date calculated at $20.67+ per fine ounce of gold.

[2] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

Gold imports and exports of the United States, with net movement, by calendar years since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,380,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,717,412		1,116,583,891
1937			46,020,018	1,621,523,270		1,575,503,252
1938			5,888,904	1,979,457,519		1,973,568,615
1939			508,063	3,574,658,840		3,574,150,777
Total			6,770,194,593	19,797,357,072	1,191,187,150	14,218,349,629
Net imports						13,027,162,479

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	286,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	108,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	70,806,653		7,999,367
1923	40,387,196	32,051,591	72,438,789	74,453,530		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,731	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,551,336	102,725,135		86,173,799
1935			18,801,291	354,531,001		335,729,710
1936			2,965,493	182,816,199		179,850,706
1937			12,042,339	91,876,984		79,834,645
1938			7,082,153	230,531,137		223,448,984
1939			14,629,792	85,307,095		70,677,303
Total			3,510,520,180	3,198,258,596	1,358,810,819	1,046,529,235
Net exports					12,281,584	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30 [1]	Gold [2]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [3]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
1939			7,978,145		11,029,058
1940			19,391,999		26,807,671
Total	181,073,828	3,743,128,177	1,085,099,152	884,572,989	553,482,245

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1937	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900	57,683,485	576,834,850.00
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔		
Do [2]	June 28, 1834	64.5	899.225		
Do [2]	Jan. 18, 1837	64.5	900	20,216,590	50,541,475.00
Do [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."
[2] Discontinued by act of Apr. 11, 1930.
[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1939	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do.[1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900	855, 611, 127	[2] $855, 611, 127.00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3 4]	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	535, 912, 101	267, 956, 050.50
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[3] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 165	2, 501, 052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015.00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029.00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	900	300, 165	150, 082.50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014.00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 099	81, 049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100.00
Fort Vancouver	do	192.9	900	50, 028	25, 014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017.00
Oregon Trail	May 17, 1926	192.9	900	264, 419	132, 209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004.00
Texas Centennial	June 15, 1933	192.9	900	304, 193	152, 096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108, 603	54, 301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25, 015	12, 507.50
Arkansas Centennial	May 14, 1934	192.9	900	120, 166	60, 083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25, 018	12, 509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10, 008	5, 004.00
Providence, R. I., Tercentennial	do	192.9	900	50, 034	25, 017.00
California-Pacific Exposition	May 6, 1935	192.9	900	430, 224	215, 112.00
Old Spanish Trail	June 5, 1935	192.9	900	10, 008	5, 004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25, 023	12, 511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15, 016	7, 508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100, 053	50, 026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50, 030	25, 015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25, 015	12, 507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25, 015	12, 507.50
Wisconsin Centennial	do	192.9	900	25, 015	12, 507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25, 015	12, 507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	
		$1, 440, 517
Act Jan. 18, 1837. From 1839 to Feb. 12, 1873		6, 390, 721
Act Feb. 28, 1878 (Bland-Allison Act)		378, 166, 793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	$36, 087, 285	
Act Nov. 1, 1893, to June 12, 1898	42. 139, 872	
Act June 13, 1898, war revenue bill	108, 800, 188	
		187, 027, 345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5, 078, 472
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86, 730, 000	
Peace dollar, since Dec. 21, 1921	183, 502, 722	
		270, 232, 722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7, 021, 528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53, 029
Total		855, 611, 127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1939	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	....do....	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	....do....	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	....do....	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900	873,322,212	218,330,553.00
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[5] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	1,845,099,732	184,509,973.20
Do	Feb. 12, 1873	[8] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do [10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do [10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12⅜	750		
Do [10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				4,299,581,135	1,574,809,147.05

[6] 6¾ grams, or 96.45 grains. [7] Discontinued by act of May 2, 1878. [8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains. [10] Discontinued by act of Feb. 12, 1873

Coinage of each mint, by face amount, with grand total

Denomination	Philadelphia, 1793–1939	San Francisco, 1854–1939	Denver, 1906–39
Gold:			
50 dollars		$150,950.00	
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00
3 dollars	1,357,716.00	186,300.00	
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00
Dollars	18,573,821.00	115,266.00	
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00
Silver:			
Dollars	423,758,122.00	183,504,073.00	47,406,100.00
Trade dollars	5,107,524.00	26,647,000.00	
Half dollars	150,987,036.50	58,267,850.00	21,871,693.50
Quarter dollars	151,773,876.50	25,735,534.25	23,166,200.00
20 cents	11,342.00	231,000.00	
Dimes	126,032,172.90	26,683,518.90	22,896,180.00
Half dimes	3,948,791.90	119,100.00	
3 cents	1,260,487.20		
Total silver	862,879,353.00	321,188,076.15	115,340,173.50
Minor:			
5 cents	89,046,927.70	6,469,450.00	9,624,115.00
3 cents	941,349.48		
2 cents	912,020.00		
1 cent	66,694,192.70	6,521,200.00	7,307,660.00
Half cent	39,909.11		
Total minor	157,634,398.99	12,990,650.00	16,931,775.00
Total face amount	3,061,859,141.49	2,384,932,159.65	482,692,248.50
Total pieces	11,438,321,332	1,613,165,943	1,361,416,007

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition	Total coined to Dec. 31, 1939	
		Grains	*Thousandths*	*Pieces*	*Face amount*
5 cents (nickel)[1]	May 16, 1866	77.16	(2)	2,102,809,854	$105,140,492.70
Do	Feb. 12, 1873				
3 cents (nickel)[1]	Mar. 3, 1865	30	(3)	31,378,316	941,349.48
Do[1]	Feb. 12, 1873	30	(3)		
2 cents (bronze)[2]	Apr. 22, 1864	96	(4)	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208	(5)	175,850,744	1,758,507.44
Do[6]	Jan. 26, 1796	186			
Do[7]	Jan. 18, 1837	168			
Cent (nickel)[8]	Feb. 21, 1857	72	(9)	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	(4)	7,675,682,526	76,756,825.26
Do	Feb. 12, 1873	48	(4)		
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104	(5)	7,981,822	39,909.11
Do[6]	Jan. 25, 1796	84			
Do[7]	Jan. 18, 1837	84			
Total minor				10,240,076,262	187,556,823.99
Total coinage				14,891,202,755	6,288,584,448.54

[1] Discontinued by act of Sept. 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Discontinued by act of Apr. 22, 1864.
[9] Composed of 88 percent copper and 12 percent nickel.

pieces, since organization to close of business Dec. 31, 1939

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total, face amount	Total pieces
				$150,950.00	3,019
$16,375,500.00	$17,283,560.00			3,482,112,120.00	174,105,606
23,610,890.00	2,997,780.00			576,834,850.00	57,683,485
4,618,625.00	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00	78,911,869
72,000.00			3,360.00	1,619,376.00	539,792
3,023,157.50		544,915.00	494,625.00	51,067,082.50	20,426,833
1,004,000.00		109,138.00	72,529.00	19,874,754.00	19,874,754
48,704,172.50	23,829,425.00	5,059,188.00	6,106,569.00	4,526,218,477.50	351,545,358
187,111,529.00	13,881,329.00			$55,651,153.00	855,661,153
	4,211,400.00			35,965,924.00	35,965,924
40,117,338.00	2,654,313.50			273,898,231.50	547,796,463
15,085,750.00	2,579,198.00			218,340,558.75	873,362,235
	28,658.00			271,000.00	1,355,000
6,807,990.60	2,090,110.80			184,309,973.20	1,845,099,732
812,327.50				4,880,219.40	97,604,388
21,600.00				1,282,087.20	42,736,240
249,956,535.10	25,445,009.30			1,574,809,147.05	4,299,581,135
				105,140,492.70	2,102,809,854
				941,349.48	31,378,316
				912,020.00	45,601,000
				80,523,652.70	8,052,365,270
				39,909.11	7,981,822
				187,556,823.99	10,240,076,262
298,660,707.60	49,274,434.30	5,059,188.00	6,106,569.00	6,288,584,448.54	
419,076,513	56,636,119	1,208,131	1,378,710		14,891,202,755

Coinage of each mint during

BY NUMBER

Mint	1930	1931	1932	1933
Philadelphia: Gold		2, 938, 250	5, 564, 750	758, 000
Silver	12, 402, 000	3, 150, 000	5, 404, 000	
Minor	180, 264, 000	19, 396, 000	9, 062, 000	14, 360, 000
Total	192, 666, 000	25, 484, 250	20, 030, 750	15, 118, 000
San Francisco: Gold	170, 000			
Silver	3, 399, 000	1, 800, 000	408, 000	1, 786, 000
Minor	29, 721, 000	2, 066, 000		
Total	33, 290, 000	3, 866, 000	408, 000	1, 786, 000
Denver: Gold		106, 500		
Silver		1, 260, 000	436, 800	5, 250
Minor	40, 100, 000	4, 480, 000	10, 500, 000	6, 200, 000
Total	40, 100, 000	5, 846, 500	10, 936, 800	6, 205, 250
All mints: Grand total pieces	266, 056, 000	35, 196, 750	31, 375, 550	23, 109, 250

BY FACE AMOUNT

Mint and denomination	1930	1931	1932	1933
PHILADELPHIA				
Gold: Double eagles		$58, 765, 000	$22, 035, 000	$8, 910, 000
Eagles			44, 630, 000	3, 125, 000
Half eagles				
Quarter eagles				
Total gold		58, 765, 000	66, 665, 000	12, 035, 000
Silver: Dollars				
Half dollars				
Quarter dollars	$1, 408, 000		1, 351, 000	
Dimes	677, 000	315, 000		
Total silver	2, 085, 000	315, 000	1, 351, 000	
Minor: 5 cents	1, 142, 450			
1 cent	1, 574, 150	193, 960	90, 620	143, 600
Total minor	2, 716, 600	193, 960	90, 620	143, 600
Total face amount	4, 801, 600	59, 273, 960	68, 106, 620	12, 178, 600
SAN FRANCISCO				
Gold: Double eagles	1, 480, 000			
Eagles	960, 000			
Total gold	2, 440, 000			
Silver: Dollars				
Half dollars				893, 000
Quarter dollars	389, 000		102, 000	
Dimes	184, 300	180, 000		
Total silver	573, 300	180, 000	102, 000	893, 000
Minor: 5 cents	271, 750	60, 000		
1 cent	242, 860	8, 660		
Total minor	514, 610	68, 660		
Total face amount	3, 527, 910	248, 660	102, 000	893, 000
DENVER				
Gold: Double eagles		2, 130, 000		
Silver: Dollars				
Half dollars				2, 625
Quarter dollars			109, 200	
Dimes		126, 000		
Total silver		126, 000	109, 200	2, 625
Minor: 5 cents				
1 cent	401, 000	44, 800	105, 000	62, 000
Total minor	401, 000	44, 800	105, 000	62, 000
Total face amount	401, 000	2, 300, 800	214, 200	64, 625
ALL MINTS				
Grand total face amount	8, 730, 510	61, 823, 420	68, 422, 820	13, 136, 225

the past 10 calendar years

OF PIECES

1934	1935	1936	1937	1938	1939	Total
						9, 261, 000
64, 150, 244	102, 140, 072	141, 772, 083	86, 398, 955	35, 818, 947	108, 124, 032	559, 960, 333
239, 293, 003	303, 652, 000	428, 638, 989	388, 665, 089	176, 212, 099	437, 107, 055	2, 196, 650, 235
303, 443, 247	405, 792, 072	570, 411, 072	475, 064, 044	212, 031, 046	545, 231, 087	2, 765, 271, 568
						170, 000
4, 663, 000	27, 590, 655	17, 080, 111	13, 500, 519	10, 944, 024	15, 726, 110	90, 896, 419
	49, 002, 000	44, 060, 000	40, 135, 000	19, 285, 000	58, 700, 000	242, 969, 000
4, 663, 000	76, 592, 655	61, 140, 111	53, 635, 519	30, 229, 024	74, 425, 110	340, 035, 419
						106, 500
14, 237, 106	19, 283, 320	25, 991, 538	23, 044, 625	6, 050, 620	35, 758, 908	126, 068, 167
35, 926, 000	59, 092, 000	65, 434, 000	68, 256, 000	32, 406, 000	18, 674, 000	341, 068, 000
50, 163, 106	78, 375, 320	91, 425, 538	91, 300, 625	38, 456, 620	54, 432, 908	467, 242, 667
358, 269, 353	560, 760, 047	722, 976, 721	620, 000, 188	280, 716, 690	674, 089, 105	3, 572, 549, 654

AND DENOMINATION

1934	1935	1936	1937	1938	1939	Total
						$89, 710, 000. 00
						47, 755, 000. 00
						137, 465, 000. 00
$954, 057. 00	$1, 576, 000. 00					2, 530, 057. 00
3, 002, 067. 50	4, 625, 036. 00	$6, 482, 058. 00	$4, 915, 828. 50	$2, 070, 087. 00	$3, 412, 958. 00	25, 108, 035. 00
7, 978, 013. 00	8, 121, 000. 00	10, 325, 959. 25	4, 925, 385. 50	2, 370, 011. 25	8, 387, 198. 75	44, 866, 567. 75
2, 408, 000. 00	5, 883, 000. 00	8, 750, 413. 00	5, 686, 575. 60	2, 219, 872. 80	6, 774, 932. 10	32, 714, 793. 50
14, 942, 137. 50	20, 205, 036. 00	25, 558, 430. 25	15, 527, 789. 60	6, 659, 971. 05	18, 575, 088. 85	105, 219, 453. 25
1, 010, 650. 15	2, 913, 200. 00	5, 950, 071. 00	3, 974, 288. 45	975, 768. 25	6, 031, 376. 75	21, 997, 804. 60
2, 190, 800. 00	2, 453, 880. 00	3, 096, 375. 09	3, 091, 793. 20	1, 566, 967. 34	3, 164, 795. 20	17, 566, 941. 43
3, 201, 450. 15	5, 367, 080. 00	9, 046, 446. 09	7, 066, 081. 65	2, 542, 735. 59	9, 196, 171. 95	39, 564, 746. 03
18, 143, 587. 65	25, 572, 116. 00	34, 604, 876. 94	22, 593, 871. 25	9, 202, 706. 64	27, 771, 260. 80	282, 249, 199. 28
						1, 480, 000. 00
						960, 000. 00
						2, 440, 000. 00
						2, 975, 000. 00
1, 011, 000. 00	1, 964, 000. 00					9, 147, 209. 50
1, 826, 000. 00	2, 063, 327. 50	2, 021, 055. 50	1, 054, 259. 50	11, 012. 00	1, 278, 555. 00	4, 641, 000. 00
	1, 415, 000. 00	957, 000. 00	413, 000. 00	708, 000. 00	657, 000. 00	5, 706, 300. 00
	1, 584, 000. 00	921, 000. 00	974, 000. 00	809, 000. 00	1, 054, 000. 00	22, 469, 509. 50
2, 837, 000. 00	7, 026, 327. 50	3, 899, 055. 50	2, 441, 259. 50	1, 528, 012. 00	2, 989, 555. 00	2, 411, 750. 00
	515, 000. 00	746, 500. 00	281, 750. 00	205, 250. 00	331, 500. 00	1, 947, 340. 00
	387, 020. 00	291, 300. 00	345, 000. 00	151, 800. 00	520, 700. 00	4, 359, 090. 00
	902, 020. 00	1, 037, 800. 00	626, 750. 00	357, 050. 00	852, 200. 00	29, 268, 599. 50
2, 837, 000. 00	7, 928, 347. 50	4, 936, 855. 50	3, 068, 009. 50	1, 885, 062. 00	3, 841, 755. 00	2, 130, 000. 00
						1, 569, 500. 00
1, 569, 500. 00						8, 190, 533. 50
1, 184, 203. 00	1, 513, 160. 00	2, 342, 769. 00	854, 512. 50	256, 810. 00	2, 136, 454. 00	7, 349, 900. 00
881, 800. 00	1, 445, 000. 00	1, 343, 500. 00	1, 797, 400. 00		1, 773, 000. 00	7, 871, 800. 00
677, 200. 00	1, 047, 700. 00	1, 613, 200. 00	1, 414, 600. 00	553, 700. 00	2, 439, 400. 00	24, 981, 733. 50
4, 312, 703. 00	4, 005, 860. 00	5, 199, 469. 00	4, 066, 512. 50	810, 510. 00	6, 348, 854. 00	
374, 600. 00	604, 600. 00	1, 240, 700. 00	891, 300. 00	619, 800. 00	175, 700. 00	3, 906, 100. 00
284, 460. 00	470, 000. 00	406, 200. 00	504, 300. 00	200, 100. 00	151, 600. 00	2, 629, 460. 00
658, 460. 00	1, 074, 600. 00	1, 646, 900. 00	1, 395, 600. 00	819, 900. 00	327, 300. 00	6, 535, 560. 00
4, 971, 163. 00	5, 080, 460. 00	6, 846, 369. 00	5, 462, 112. 50	1, 630, 410. 00	6, 676, 154. 00	33, 647, 293. 50
25, 951, 750. 65	38, 580, 923. 50	46, 388, 101. 44	31, 123, 993. 25	12, 718, 178. 64	38, 289, 169. 80	345, 165, 092. 28

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,090		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,285		1,200.00	
1800			259,650	58,110			
1801			272,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,080			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		3,307.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,695		112,700.00	
1838			72,000	1,600,430		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,226	3,489,510	880,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,887,337.50	3,658,820
1852		44,860,520	2,911,060	3,089,635		3,283,327.50	2,201,145
1853		20,646,520	2,522,530	2,305,095		3,319,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	790,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,530	353,365	42,465	164,360.00	51,294
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	309,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		20,920,300	237,300	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	170,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,290,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	178,680	754,605	75	812,862.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,780,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	
1874	.....	$33,917,760	$799,270	$203,530	$125,460	$9,850.00	$198,820	
1875	.....	32,737,820	78,350	105,240	50	30,050.00	420	
1876	.....	46,366,925	104,280	61,820	135	23,072.50	3,248	
1877	.....	42,564,700	211,490	182,660	4,464	92,630.00	3,920	
1878	.....	45,916,500	1,031,440	1,427,470	246,972	1,199,650.00	3,020	
1879	.....	28,880,260	6,120,320	3,727,105	9,000	331,235.00	3,090	
1880	.....	17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636	
1881	.....	14,595,200	48,796,250	33,458,430	1,650	1,700.00	7,660	
1882	.....	24,298,400	24,740,640	17,831,895	4,620	10,100.00	5,040	
1883	.....	24,989,040	2,595,400	1,647,990	2,820	4,900.00	10,840	
1884	.....	19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206	
1885	.....	13,875,060	4,816,270	9,995,030	2,730	2,217.50	12,205	
1886	.....	24,120	19,631,660	18,282,160	3,426	10,220.00	6,016	
1887	.....	5,562,420	8,706,200	9,560,435	18,480	15,705.00	8,543	
1888	.....	21,717,320	8,020,310	1,560,990	15,873	40,245.00	16,080	
1889	.....	16,995,120	4,298,850	37,825	7,287	44,120.00	30,729	
1890	.....	19,309,080	755,430	290,540	.....	22,032.50	.....	
1891	.....	26,891,340	1,956,000	1,347,065	.....	27,090.00	.....	
1892	.....	19,238,760	9,817,400	5,724,760	.....	6,992.50	.....	
1893	.....	27,178,920	20,132,450	9,610,995	.....	75,295.00	.....	
1894	.....	48,350,800	26,092,780	5,152,275	.....	10,305.00	.....	
1895	.....	44,165,120	7,148,200	2,260,980	.....	15,257.50	.....	
1896	.....	43,931,760	2,660,980	1,072,315	.....	48,995.00	.....	
1897	.....	57,070,220	12,774,090	6,109,415	.....	74,760.00	.....	
1898	.....	54,912,900	12,857,970	10,164,475	.....	60,412.50	.....	
1899	.....	73,593,680	21,409,720	16,276,645	.....	68,875.00	.....	
1900	.....	80,681,680	3,749,600	8,673,650	.....	168,612.50	.....	
1901	.....	84,150,520	46,096,160	21,230,200	.....	228,307.50	.....	
1902	.....	85,697,880	5,820,130	5,657,810	.....	234,232.50		$ 75,080
1903	.....	94,828,560	7,166,970	10,410,120	.....	565,147.50		$ 175,178
1904	.....	227,819,440	2,709,980	2,445,680	.....	402,460.00		$ 25,028
1905	.....	87,446,220	5,703,280	5,915,040	.....	544,960.00		$ 35,041
1906	.....	55,113,800	16,903,920	6,234,100	.....	441,225.00	.....	
1907	.....	96,656,620	26,838,790	7,570,960	.....	841,126.00	.....	
1908	.....	109,203,200	14,813,360	6,149,450	.....	1,412,642.50	.....	
1909	.....	59,774,140	5,987,230	21,916,490	.....	1,104,747.50	.....	
1910	.....	60,788,340	34,803,440	7,840,250	.....	1,231,705.00	.....	
1911	.....	36,302,000	6,896,960	12,618,195	.....	1,899,697.50	.....	
1912	.....	2,996,480	7,050,830	5,916,720	.....	1,560,492.50	.....	
1913	.....	11,926,760	5,080,710	6,620,495	.....	1,805,412.50	.....	
1914	.....	40,926,400	7,025,500	3,785,625	.....	1,720,292.50	.....	
1915	$150,950	14,391,000	4,160,750	3,760,375	.....	1,540,292.50		$ 25,054
1916	.....	15,920,000	1,395,000	1,200,000	.....	.....		$ 20,026
1917	.....	.....	.....	.....	.....	.....		$ 10,014
1918	.....	.....	.....	.....	.....	.....	.....	
1919	.....	.....	.....	.....	.....	.....	.....	
1920	.....	15,725,000	1,265,000	.....	.....	.....	.....	
1921	.....	10,570,000	.....	.....	.....	.....	.....	
1922	.....	60,070,000	.....	.....	.....	.....		$ 10,016
1923	.....	45,365,000	.....	.....	.....	.....	.....	
1924	.....	206,010,000	.....	.....	.....	.....	.....	
1925	.....	166,935,000	.....	.....	.....	1,445,000.00	.....	
1926	.....	66,785,000	10,140,000	.....	.....	$ 1,618,500.00	.....	
1927	.....	124,675,000	.....	.....	.....	970,000.00	.....	
1928	.....	176,320,000	.....	.....	.....	1,040,000.00	.....	
1929	.....	25,595,000	.....	2,310,000	.....	1,330,000.00	.....	
1930	.....	1,480,000	960,000	.....	.....	.....	.....	
1931	.....	2,938,000	.....	.....	.....	.....	.....	
1932	.....	22,026,000	4,630,000	.....	.....	.....	.....	
1933	.....	8,910,000	3,125,000	.....	.....	.....	.....	
1934 [6]	.....	.....	.....	.....	.....	.....	.....	
Total:								
1874–1934	150,950	2,801,646,120	321,177,910	225,669,959	449,493	24,316,780.00	692,827	
1793–1873	.....	695,466,000	55,656,940	68,889,385	1,169,893	26,750,902.50	19,181,927	
Grand total	150,950	3,482,112,120	376,834,850	294,559,345	1,619,376	51,067,682.50	19,874,754	

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,942.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $300,500 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * * All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		$1,758	$2,650.00				
1795		203,033	158,922.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	165,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,783.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			25,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,853.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,530.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,368.00	113,954.25	
1841		173,000	255,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,680.00	82,050.00	$185,022.00
1852		1,100	110,593.00	68,255.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,166,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,100.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	193,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		737,900	1,032,880.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,930.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,000	802,175.00	340,887.50	102,830.00	74,627.50	10,906.50
1863		27,600	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	20,907.00	4,523.50	14.10
1865		47,000	563,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,336.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	158.75
1868		162,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,550.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	21,935.00	52,150.00	26,830.00	120.00
1871		1,117,196	1,741,053.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	886,775.00	68,762.50	261,045.00	189,747.50	58.50
1873	$1,225,000	296,600	1,503,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,210.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—239,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage[1] *of the mints of the United States, by denominations and calendar years, since their organization*—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875[1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876[1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877[1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878[1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,960,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	5,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,422,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,839.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	739,219.30		
1894		3,003,972	3,967,851.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.30		
1901		22,566,813	3,119,928.50	2,644,969.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,050	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,594.60		
1907			5,825,587.50	3,806,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	495,853.25	2,027,063.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,885,480.00		
1919			1,839,500.00	3,775,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,893,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,595,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,582,572.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
Total: 1874–1939	34,740,924	847,629,915	173,356,978.50	196,052,537.25	175,267,894.00		
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,679.20	$4,880,219.40	$1,282,087.20
Grand total	35,965,924	855,661,153	273,898,231.50	218,340,558.75	184,509,973.20	4,880,219.40	1,282,087.20

[1] 20- cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				$1,122.12	$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				25,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	190.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				286,750.00	
1863				498,400.00	
1864				529,737.14	
1865		$341,460.00	$396,950.00	354,292.86	
1866	$737,125.00	144,030.00	272,800.00	98,265.00	
1867	1,545,475.00	117,450.00	63,540.00	98,210.00	
1868	1,440,850.00	97,560.00	38,775.00	102,665.00	
1869	819,750.00	48,120.00	56,075.00	64,200.00	
1870	240,300.00	40,050.00	30,930.00	52,750.00	
1871	28,050.00	18,120.00	17,225.00	39,295.00	
1872	301,850.00	25,860.00	14,425.00	40,420.00	
1873	227,500.00	35,190.00	1,300.00	116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	109.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,880.00	
1927	2,357,050.00			1,858,860.00	
1928	1,339,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,260.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
1937	5,147,338.45			3,941,093.20	
1938	1,800,818.25			1,918,867.34	
1939	6,538,576.75			3,837,095.20	
Total:					
1874–1939	99,799,642.70	73,509.48		75,593,228.26	
1793–1873	5,340,850.00	867,840.00	$912,020.00	4,929,824.44	$39,909.11
Grand total	105,140,492.70	941,349.48	912,020.00	80,523,052.70	39,909.11

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793			$1, 281. 79	$1, 281. 79
1794		$4, 408. 00	9, 593. 21	14, 001. 21
1795	$71, 485. 00	366, 275. 80	498. 00	438, 258. 80
1796	77, 990. 00	77, 118. 80	10, 324. 40	165, 402. 90
1797	128, 190. 00	14, 550. 45	9, 510. 34	152, 250. 79
1798	205, 610. 00	330, 291. 00	9, 797. 00	545, 698. 00
1799	213, 285. 00	423, 515. 00	9, 106. 68	645, 906. 68
1800	317, 760. 00	224, 296. 00	29, 279. 40	571, 335. 40
1801	422, 570. 00	74, 758. 00	13, 628. 37	510, 956. 37
1802	423, 310. 00	58, 343. 00	34, 422. 83	516, 075. 83
1803	258, 377. 50	87, 118. 00	25, 203. 03	370, 698. 52
1804	258, 642. 50	100, 340. 50	12, 844. 94	371, 827. 94
1805	170, 367. 50	149, 388. 50	13, 483. 48	333, 239. 48
1806	324, 505. 00	471, 319. 00	5, 260. 00	801, 084. 00
1807	437, 495. 00	597, 448. 73	9, 632. 21	1, 044, 595. 94
1808	284, 665. 00	684, 300. 00	13, 090. 00	982, 055. 00
1809	189, 375. 00	707, 376. 00	8, 001. 53	884, 752. 53
1810	501, 435. 00	638, 773. 50	15, 660. 00	1, 155, 868. 50
1811	497, 905. 00	608, 340. 00	2, 495. 95	1, 108, 740. 95
1812	290, 435. 00	814, 029. 50	10, 755. 00	1, 115, 219. 50
1813	477, 140. 00	620, 951. 50	4, 180. 00	1, 102, 271. 50
1814	77, 270. 00	561, 687. 50	3, 578. 30	642, 535. 80
1815	3, 175. 00	17, 308. 00		20, 483. 00
1816		28, 575. 75	28, 209. 82	56, 785. 57
1817		607, 783. 50	39, 484. 00	647, 267. 50
1818	242, 940. 00	1, 070, 454. 50	31, 670. 00	1, 345, 064. 50
1819	238, 615. 00	1, 140, 000. 00	26, 710. 00	1, 425, 325. 00
1820	1, 319, 030. 00	501, 680. 70	44, 075. 50	1, 864, 786. 20
1821	189, 325. 00	825, 762. 45	3, 990. 00	1, 018, 977. 45
1822	88, 980. 00	805, 806. 50	20, 723. 39	915, 509. 89
1823	72, 425. 00	895, 550. 00		967, 975. 00
1824	93, 200. 00	1, 752, 477. 00	12, 620. 00	1, 858, 297. 00
1825	156, 385. 00	1, 554, 583. 00	14, 926. 00	1, 735, 894. 00
1826	92, 245. 00	2, 002, 090. 00	16, 344. 25	2, 110, 679. 25
1827	121, 565. 00	2, 869, 200. 00	23, 577. 32	3, 024, 342. 32
1828	140, 145. 00	1, 575, 600. 00	25, 636. 24	1, 741, 381. 24
1829	226, 717. 50	1, 994, 578. 00	16, 580. 00	2, 308, 875. 50
1830	643, 105. 00	2, 495, 400. 00	17, 115. 00	3, 155, 620. 00
1831	714, 270. 00	2, 175, 600. 00	33, 603. 60	3, 923, 473. 60
1832	798, 435. 00	2, 579, 000. 00	23, 620. 00	3, 401, 055. 00
1833	978, 550. 00	2, 759, 000. 00	28, 160. 00	3, 765, 710. 00
1834	3, 954, 270. 00	3, 415, 002. 00	19, 151. 00	7, 388, 423. 00
1835	2, 186, 175. 00	3, 443, 003. 00	39, 489. 00	5, 668, 667. 00
1836	4, 135, 700. 00	3, 606, 160. 00	23, 100. 00	7, 764, 900. 00
1837	1, 148, 305. 00	2, 096, 010. 00	55, 583. 00	3, 299, 898. 00
1838	1, 809, 765. 00	2, 333, 243. 40	63, 702. 00	4, 206, 710. 40
1839	1, 376, 847. 50	2, 209, 778. 20	31, 284. 61	3, 617, 912. 31
1840	1, 675, 482. 50	1, 726, 703. 00	24, 627. 00	3, 426, 812. 50
1841	1, 091, 857. 50	1, 132, 750. 00	15, 973. 67	2, 240, 581. 17
1842	1, 829, 407. 50	2, 332, 750. 00	23, 833. 90	4, 185, 991. 40
1843	8, 108, 797. 50	3, 834, 750. 00	24, 283. 20	11, 967, 830. 70
1844	5, 427, 670. 00	2, 235, 550. 00	23, 987. 52	7, 687, 207. 52
1845	3, 756, 447. 50	1, 873, 200. 00	38, 948. 04	5, 668, 595. 50
1846	4, 034, 177. 50	2, 558, 580. 00	41, 208. 00	6, 633, 965. 54
1847	20, 202, 325. 00	2, 374, 450. 00	61, 836. 69	22, 638, 611. 69
1848	3, 775, 512. 50	2, 004, 050. 00	64, 157. 99	5, 879, 720. 49
1849	9, 007, 761. 50	2, 114, 950. 00	41, 994. 32	11, 164, 695. 82
1850	31, 981, 738. 50	1, 866, 100. 00	44, 467. 50	33, 892, 306. 00
1851	62, 614, 402. 50	774, 397. 00	99, 635. 43	63, 488, 524. 93
1852	56, 846, 187. 50	999, 410. 00	50, 630. 94	57, 896, 228. 44
1853	39, 377, 909. 00	9, 077, 571. 00	67, 059. 78	48, 522, 539. 78
1854	25, 915, 962. 50	8, 619, 270. 00	42, 638. 35	34, 577, 870. 85
1855	20, 387, 968. 00	3, 501, 245. 00	16, 030. 79	32, 905, 243. 79
1856	36, 857, 768. 50	5, 142, 240. 00	27, 106. 78	42, 027, 115. 28
1857	32, 214, 040. 00	5, 478, 760. 00	178, 010. 46	37, 870, 810. 46
1858	22, 938, 413. 50	8, 495, 370. 00	246, 000. 00	31, 679, 783. 50
1859	14, 780, 570. 00	3, 284, 450. 00	364, 000. 00	18, 429, 020. 00
1860	23, 473, 654. 00	2, 259, 390. 00	205, 660. 00	25, 938, 704. 00
1861	83, 395, 530. 00	3, 783, 740. 00	101, 000. 00	87, 280, 270. 00
1862	20, 875, 997. 50	1, 232, 516. 50	280, 750. 00	22, 409, 264. 00
1863	22, 445, 482. 00	809, 267. 80	498, 400. 00	23, 753, 149. 80
1864	20, 081, 415. 00	609, 917. 10	926, 687. 14	21, 618, 019. 24
1865	28, 295, 107. 50	691, 005. 00	968, 552. 88	29, 954, 665. 38
1866	31, 435, 945. 00	982, 409. 25	1, 042, 960. 00	33, 461, 314. 25
1867	23, 828, 625. 00	908, 876. 25	1, 819, 910. 00	26, 557, 411. 25
1868	19, 371, 387. 50	1, 074, 343. 00	1, 697, 150. 00	22, 142, 880. 50
1869	17, 582, 087. 50	1, 266, 143. 00	993, 000. 00	19, 812, 130. 50
1870	23, 198, 787. 50	1, 378, 255. 50	350, 325. 00	24, 927, 368. 00
1871	21, 032, 685. 00	3, 104, 038. 30	99, 890. 00	24, 236, 613. 30
1872	21, 812, 645. 00	2, 504, 488. 50	369, 380. 00	24, 686, 513. 50
1873	57, 022, 747. 50	4, 024, 747. 60	379, 455. 00	61, 426, 950. 10
Total, 1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35,254,030.00	$6,857,776.70	$240,475.00	$42,448,281.70
1875	32,031,940.00	11,347,930.00	266,375.00	43,646,245.00
1876	46,378,410.50	24,301,397.50	270,800.00	71,250,608.00
1877	43,600,964.00	28,209,945.50	8,320.00	72,401,434.50
1878	40,780,010.00	37,259,776.00	78,160.50	78,303,966.50
1879	39,060,940.00	27,671,698.75	103,000.00	66,514,938.75
1880	63,900,270.00	27,671,698.75	301,995.05	91,111,963.80
1881	96,630,260.00	27,940,103.75	428,110.75	125,010,365.50
1882	65,937,865.00	27,973,132.00	960,400.00	94,521,397.00
1883	39,247,910.00	29,560,908.65	1,004,770.41	69,813,589.06
1884	23,905,730.00	26,534,868.15	796,483.79	51,237,081.94
1885	27,773,012.50	28,965,176.30	191,632.04	56,929,820.84
1886	28,945,542.00	21,086,709.50	943,156.19	51,975,407.69
1887	32,972,263.00	31,150,085.40	1,254,400.38	65,376,748.78
1888	51,280,508.00	33,022,920.45	1,017,200.75	85,320,613.23
1889	37,413,901.00	33,496,922.15	1,263,408.49	72,174,231.64
1890	30,497,192.50	39,372,908.20	1,384,782.14	71,254,882.84
1891	29,229,005.00	27,515,838.60	1,272,445.00	58,017,288.60
1892	34,767,225.00	8,962,975.00	967,480.42	45,197,680.42
1893	58,997,020.00	5,962,803.05	1,134,931.70	66,094,754.75
1894	79,546,180.00	9,290,350.85	426,177.02	89,262,707.87
1895	59,610,557.50	5,668,010.25	882,430.16	66,160,997.91
1896	47,053,060.00	23,060,810.05	852,718.80	70,966,588.85
1897	70,028,495.00	18,467,397.30	1,120,150.05	89,616,042.35
1898	77,965,737.50	23,054,033.45	1,124,330.14	102,144,101.09
1899	111,344,230.00	26,000,511.90	1,627,411.86	138,972,153.76
1900	89,372,942.50	36,945,347.45	2,091,137.39	127,649,427.34
1901	103,795,187.50	30,528,460.75	2,120,122.08	136,443,770.33
1902	87,184,982.50	30,023,107.39	2,447,706.17	79,655,796.06
1903	93,693,970.50	33,574,440.00	2,251,261.15	65,569,691.65
1904	202,402,426.00	15,695,609.95	1,693,329.35	289,791,365.30
1905	93,638,441.00	6,332,140.90	2,398,133.43	102,368,715.33
1906	78,703,045.00	10,601,697.85	2,580,189.49	91,884,932.34
1907	131,907,490.00	13,178,633.75	2,942,128.18	148,028,251.93
1908	131,498,032.50	13,197,295.25	1,498,708.72	146,494,036.47
1909	88,779,907.50	8,067,923.30	1,750,988.05	98,598,818.85
1910	204,721,737.50	3,744,468.35	8,698,939.83	111,505,133.18
1911	96,179,822.50	6,457,301.55	9,156,729.47	65,790,853.52
1912	17,498,122.50	7,340,064.00	2,977,386.30	27,815,902.80
1913	25,433,377.50	3,144,225.05	4,667,335.47	33,244,941.02
1914	53,457,817.50	6,063,823.00	2,206,131.21	61,727,771.72
1915	23,968,401.50	4,114,697.50	2,062,830.70	30,145,929.70
1916	15,895,626.00	5,883,830.00	6,337,550.07	33,743,376.07
1917	10,014.00	20,412,300.00	6,178,080.30	35,540,408.30
1918		25,473,029.00	5,972,662.04	31,445,691.04
1919	16,990,000.00	11,068,400.00	9,709,100.00	30,777,500.00
1920	10,570,000.00	25,057,370.00	5,186,650.00	30,213,920.00
1921	80,060,010.00	89,057,535.50	1,155,310.00	169,782,845.50
1922	45,365,000.00	64,525,600.50	71,600.00	109,962,200.50
1923	206,010,000.00	68,263,000.00	2,937,080.00	114,575,115.50
1924	192,240,000.00	19,574,218.00	2,300,690.00	259,946,783.00
1925	78,540,502.50	19,525,806.50	4,202,645.00	216,458,983.00
1926	126,645,000.00	11,266,217.00	4,461,400.00	102,328,001.50
1927	177,360,000.00	5,748,667.00	4,215,910.00	141,147,127.00
1928	40,255,000.00	8,590,500.00	5,392,900.00	189,173,577.00
1929	2,440,000.00	2,656,500.00	5,630,710.00	54,225,400.00
1930	60,895,000.00	621,000.00	307,420.00	8,750,510.00
1931	66,665,000.00	1,962,300.00	195,420.00	61,823,420.00
1932	12,085,000.00	893,625.00	295,600.00	68,422,920.00
1933		20,091,840.50	3,550,910.15	13,138,225.00
1934		31,257,223.50	7,343,700.00	59,951,750.65
1935		54,656,904.75	12,731,146.00	58,580,928.50
1936		62,695,561.60	9,088,421.65	96,388,050.41
1937		8,966,493.05	3,719,085.50	31,123,983.25
1938		27,913,497.85	10,375,471.95	12,778,578.64
1939				38,289,169.80
Total: 1874–1889	3,674,104,040.00	1,427,319,248.75	173,466,380.44	5,278,889,669.19
1790–1873	832,114,437.50	147,489,898.30	12,080,443.55	1,011,684,779.35
Grand total	4,820,218,477.50	1,574,809,147.05	187,556,823.99	6,288,584,445.54

Income and expenses of the United States Mint

Item	Philadelphia Mint	San Francisco Mint	Denver Mint
INCOME			
Revenues:			
Melting charges on bullion receipts	$11,988.87	$38,226.97	$6,732.61
Parting and refining charges on bullion		334,214.55	87,550.17
Handling charges on gold receipts	9,957.77	1,141,942.68	88,246.25
Handling charges on gold sales	220.93	18.10	35.65
Bar charges on issued bars	74.91	41.41	
Charges on proof coins sold	10,453.94		
Charges on accepted altered coins	288.20	8.00	
Transportation charges on bullion			
Proceeds of medals sold	2,755.21		
Receipts for special assays made on bullion and ores	462.00	18.00	315.00
Value of bullion recovered incident to receipt of deposits	8,687.46	8,429.15	6,810.04
Value of bullion recovered from refining and coining operations (net)	10,436.41	10,430.46	22,141.93
Gain on lightweight and mutilated coin purchased for recoinage	23.33	22.56	5.38
Gain on bullion shipments (net)			
Proceeds of sale of old material	172.78		171.26
Proceeds of sale of old equipment		176.50	
Fines and penalties (bullion and coin forfeitures)	401.20		775.69
Commission on telephone calls	48.92		42.41
Seigniorage on subsidiary silver coinage	9,771,123.27	1,596,484.02	2,469,967.90
Seigniorage on minor coinage (nickel)	6,507,567.84	557,777.01	467,223.37
Seigniorage on minor coinage (bronze)	2,755,549.93	589,417.35	168,563.99
Reimbursement for coin dies damaged in shipment			50.00
Refund on unused transportation scrip			
Total revenue	19,090,212.97	4,277,206.76	3,318,631.65
Appropriation earnings:			
Charges for manufacture of foreign coin	35,627.75	31,790.75	
Charges for manufacture of special medals	10,724.08		
Charges for work and supplies for other institutions	35,409.55		
Total earnings	81,761.38	31,790.75	
Total income	19,171,974.35	4,308,997.51	3,318,631.65
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	1,422.79	26,534.24	16.89
Personnel	802,270.95	369,882.99	333,589.66
Other expenses, including supplies, materials, equipment, and miscellaneous items	143,360.84	46,368.43	61,750.30
Loss on operative sweeps sold	1,183.31	351.42	2,168.69
Interinstitution items not involving appropriation transfers	—30,388.35	9,791.25	13,708.85 31.69
Total payable from appropriations	917,849.54	452,928.33	411,266.08
Payable from revenue:			
Expenses of distributing minor coin	109,828.93	9,077.72	14,758.62
Wastage of operative departments, minor metals	2,196.68	280.57	151.45
Forwarding cost of domestic silver bullion by Seattle assay office for account of Denver Mint			
Total payable from revenue	112,025.61	9,358.29	14,910.07
Total expenses	1,029,875.15	462,286.62	426,176.15

establishment for the fiscal year ended June 30, 1940

New York Assay Office and auxiliary West Point bullion depository	New Orleans Mint	Seattle Assay Office	Fort Knox bullion depository	Office of the Director of the Mint	Total
$86,763.20	$2,550.60	$6,107.20			$152,309.45
154,710.74					576,475.46
2,932,320.37	2,159.41	70,012.50			4,244,638.98
563.67					838.35
1,952.80					2,069.12
					10,453.94
					296.20
		1,560.37			1,560.37
					2,755.21
704.00	471.75	145.00			2,115.75
44,995.47	8,474.14	3,598.76			80,995.02
46,789.20					89,798.00
					52.25
.98					1,398.06
	260.13	1,137.93			344.04
					176.50
					3,166.50
1,989.61					91.33
					13,837,575.19
					7,532,568.22
					3,513,551.27
					50.00
				$11.38	11.38
3,270,790.04	13,916.03	82,561.76		11.38	30,053,330.59
					67,418.50
					10,724.08
					35,409.55
					113,552.13
3,270,790.04	13,916.03	82,561.76		11.38	30,166,882.72
70,590.74	448.83	7,600.00			106,613.49
441,646.88	27,962.90	36,121.35	$71,351.94	103,621.58	2,186,348.25
75,096.16	1,218.98	4,512.53	4,630.71	11,900.00	348,837.95
744.25					4,447.67
6,861.25	5.55		10.25	11.20	
−759.23	53.28			674.26	
594,080.05	29,689.54	48,233.88	75,992.90	116,207.04	2,646,247.36
					133,665.27
					2,628.70
		1,447.23			1,447.23
		1,447.23			137,741.20
594,080.05	29,689.54	49,681.11	75,992.90	116,207.04	2,783,988.56

Appropriations, reimbursements, expenses, and balances, of the mint establishment fiscal year ended June 30, 1940

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated	$106,500.00	$12,000.00	[1] $215,000.00	$333,500.00
Expended	103,621.58	11,900.00	[2] 106,613.49	222,135.07
Unexpended balance	2,878.42	100.00	108,386.51	111,364.93
FIELD SERVICE				
Appropriated				[3] 2,322,000.00
Reimbursed:				
Philadelphia Mint				81,761.38
San Francisco Mint				31,790.75
Available				2,435,552.13
Expended:				
Philadelphia Mint	802,270.95	144,544.15	(1,422.79)	946,815.10
San Francisco Mint	369,882.99	46,719.85	[4] (26,534.24)	416,602.84
Denver Mint	333,589.66	63,918.99	(16.89)	397,508.65
New York Assay Office	441,546.88	75,840.41	[5] (70,590.74)	517,387.29
New Orleans Mint	27,902.90	1,218.98	(448.83)	29,181.88
Seattle Assay Office	36,121.35	4,512.53	(7,600.00)	40,633.88
Fort Knox Depository	71,351.94	4,630.71		75,982.65
Total expended	2,082,726.67	341,385.62		2,424,112.29
Unexpended balance				11,439.84
TOTAL, ENTIRE SERVICE				
Appropriated				2,655,500.00
Reimbursed				113,552.13
Available				2,769,052.13
Expended				2,646,247.36
Unexpended balance				122,804.77

[1] The Deficiency Act of June 27, 1940, provided $1,608,000 for transportation of bullion and coin for the fiscal year 1940 to remain available until June 30, 1941. No portion of this amount was obligated during the fiscal year 1940, leaving the entire amount available for the fiscal year 1941.
[2] Chargeable as indicated below (in parentheses) to the several offices.
[3] Includes $306,000 made available by deficiency appropriation act approved Apr. 6, 1940.
[4] Contains $26,520.19, charges on special gold movement San Francisco to Denver.
[5] Charges on special silver shipment New York to West Point.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1940

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	184, 160. 914	$6, 445, 632. 94	278, 679, 481. 79	$305, 410, 102. 24
San Francisco	37, 274, 512. 300	1, 304, 607, 931. 92	510, 903, 396. 02	443, 489, 949. 84
Denver	117, 671, 498. 700	4, 118, 502, 457. 18	91, 728, 293. 59	43, 641, 147. 80
ASSAY OFFICES				
New York (including West Point depository)	257, 304, 291. 271	9, 005, 650, 194. 50	1, 483, 852, 366. 01	1, 218, 633, 249. 23
New Orleans	6, 466. 255	226, 316. 59	2, 240. 50	805. 22
Seattle	103, 430. 358	3, 620, 061. 74	3, 397. 79	1, 290. 96
BULLION DEPOSITORY				
Fort Knox	157, 820, 192. 448	5, 523, 706, 735. 45		
Total	570, 364, 552. 246	19, 962, 759, 330. 32	2, 365, 169, 175. 70	2, 011, 176, 545. 29

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$9, 221. 59	$217, 896, 110. 25	$797, 740. 25	$123, 500. 00
San Francisco		85, 811, 516. 17	242, 850. 00	40, 000. 00
Denver	193, 801. 08	55, 567, 054. 07	226, 495. 50	126, 800. 00
ASSAY OFFICES				
New York (including West Point depository)	72. 07	62, 687, 375. 40		2, 609, 100. 00
New Orleans		6, 678, 377. 00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	203, 094. 74	428, 640, 432. 89	1, 267, 085. 75	2, 899, 400. 00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$349, 150. 68	$154, 161. 00	$90, 849. 32	$531, 276, 468. 27
San Francisco	47, 790. 05	12, 233. 89	34, 573. 55	1, 834, 286, 845. 42
Denver	31, 022. 87	34, 720. 84	58, 977. 13	4, 218, 382, 476. 47
ASSAY OFFICES				
New York (including West Point depository)		124. 79		10, 289, 580, 115. 99
New Orleans				6, 905, 498. 81
Seattle				3, 621, 352. 70
BULLION DEPOSITORY				
Fort Knox				5, 523, 706, 735. 45
Total	427, 963. 60	201, 240. 52	184, 400. 00	22, 407, 759, 493. 11

[1] Includes unclassified cash: Philadelphia, $4,215.45; San Francisco, $4,568.17; Denver, $450.72; New York, $1,375.40.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1940—Continued

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$530, 531, 364. 27	$440, 000. 00	$303, 816. 15	$1, 287. 85	$531, 276, 468. 27
San Francisco	1, 834, 033, 712. 14	70, 000. 00	181, 420. 49	1, 712. 79	1, 834, 286, 845. 42
Denver	4, 217, 596, 187. 88	90, 000. 00	693, 268. 48	3, 020. 11	4, 218, 382, 476. 47
ASSAY OFFICES					
New York (including West Point depository)	10, 289, 580, 115. 99				10, 289, 580, 115. 99
New Orleans	6, 905, 498. 81				6, 905, 498. 81
Seattle	3, 621, 352. 70				3, 621, 352. 70
BULLION DEPOSITORY					
Fort Knox	5, 523, 706, 735. 45				5, 523, 706, 735. 45
Total	22, 405, 974, 967. 24	600, 000. 00	1, 178, 505. 12	6, 020. 75	22, 407, 759, 493. 11

Stock of domestic coin in the United States, June 30, 1940 [1]

On June 30, 1940, the stock of domestic coin in the United States was $1,123,248,833 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1939	$926, 890, 577	$161, 146, 532	$1, 088, 037, 109
Coinage executed during fiscal year 1940	26, 807, 671	13, 187, 013	39, 994, 684
Imports, United States coin, fiscal year 1940	331, 171		331, 171
Total	954, 029, 419	174, 333, 545	1, 128, 362, 964
Less:			
Exports United States coin, fiscal year 1940	58, 791		58, 791
United States coin withdrawn from monetary use, face amount, fiscal year 1940	4, 530, 944	424, 396	4, 955, 340
United States coin used in the industrial arts, and general disappearance, estimated, fiscal year 1940	100, 000		100, 000
Total	4, 689, 735	424, 396	5, 114, 131
Estimated stock of coin in United States, June 30, 1940	949, 339, 684	173, 909, 149	1, 123, 248, 833

[1] For method of estimating, see p. 40.

NOTE.—The number of standard silver dollars coined to June 30, 1940, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of April 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1882 numbered 228,358, and the number of Hawaiian dollars melted to June 30, 1940, was 455,329, a total disposition of 301,698,551, leaving in the United States on June 30, 1940, 547,078,223 standard silver dollars and 402,261,461 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,096	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,955,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,552	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,208	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157,476	122.82	16.44	139.26
1940	132,130	19,963,091	2,302,501	151.09	17.43	168.52

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce, which compares with the previous $20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

Stock of domestic coin in the United States, Dec. 31, 1939 [1]

On December 31, 1939, the stock of domestic coin in the United States was $1,115,481,583 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States Dec. 31, 1938	$923,305,888	$159,057,050	$1,082,362,938
Coinage executed, calendar year 1939	27,913,498	10,375,672	38,289,170
Imports, United States coin, calendar year 1939	294,328		294,328
Total	951,513,714	169,432,722	1,120,946,436
Less:			
Exports, United States coin, calendar year 1939	66,738		66,738
United States coin withdrawn from monetary use, calendar year 1939, face amount	4,807,949	490,166	5,298,115
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1939	100,000		100,000
Total	4,974,687	490,166	5,464,853
Estimated stock of coin in United States Dec. 31, 1939	946,539,027	168,942,556	1,115,481,583

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1939, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 228,210, and the number of Hawaiian dollars melted to Dec. 31, 1939, was 455,329; a total disposition of 301,698,403, leaving in the United States on Dec. 31, 1939, 547,078,371 standard silver dollars and 399,460,656 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1939

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	361,049.579	$12,636,735.28	270,450,316.46	$294,692,773.97
San Francisco	33,983,281.690	1,189,414,859.18	490,789,193.83	429,187,701.27
Denver	113,505,008.063	3,972,675,282.21	90,892,237.43	42,881,248.96
ASSAY OFFICES				
New York (including West Point depository)	198,136,218.453	6,934,767,645.88	1,367,319,645.23	1,161,505,479.17
New Orleans	7,178.154	251,234.21	1,191.01	434.30
Seattle	281,244.187	9,843,545.13	17,295.45	6,017.37
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45		
Total	504,094,172.574	17,643,296,037.34	2,219,469,879.41	1,928,223,655.04

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1939—Continued

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$9,296.94	$218,211,552.07	$648,910.97	159,600.00
San Francisco		86,896,610.92	307,200.00	31,300.00
Denver		56,776,043.06	105,787.27	357,500.00
ASSAY OFFICES				
New York (including West Point depository)	42,561.64	62,761,877.46		2,804,486.00
New Orleans		6,703,377.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	51,858.58	431,349,460.51	1,061,958.24	3,352,886.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$399,219.17	$79,036.97	$40,780.83	$526,877,906.20
San Francisco	59,961.07	7,888.84	10,038.93	1,705,915,620.21
Denver	48,636.00	15,863.51	56,336.88	4,072,866,697.89
ASSAY OFFICES				
New York (including West Point depository)				8,161,882,050.15
New Orleans				6,955,045.51
Seattle				9,849,562.50
BULLION DEPOSITORY				
Fort Knox				5,523,706,735.45
Total	507,816.24	102,789.32	107,156.64	20,008,053,617.91

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$526,211,233.72	$440,000.00	$224,983.43	$1,689.05	$526,877,906.20
San Francisco	1,705,836,440.33	70,000.00	7,888.84	1,291.04	1,705,915,620.21
Denver	4,072,725,973.88	90,000.00	32,281.56	18,442.45	4,072,866,697.89
ASSAY OFFICES					
New York (including West Point depository)	8,161,881,268.49			781.66	8,161,882,050.15
New Orleans	6,955,045.51				6,955,045.51
Seattle	9,849,562.50				9,849,562.50
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45				5,523,706,735.45
Total	20,007,166,259.88	600,000.00	265,153.83	22,204.20	20,008,053,617.91

[1] Includes unclassified cash: Philadelphia, $40,216.62; San Francisco, $7,062.92; Denver $463.66; New York, $876.14.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	.....	.....	3,818	30,000	105,007
1874	60,972	9,540	.....	.....	5,536	39,607	115,655
1875	45,352	8,259	.....	.....	3,711	31,696	89,048
1876	41,912	9,580	.....	.....	3,226	44,533	99,260
1877	76,682	10,962	.....	.....	5,306	39,059	131,989
1878	122,137	6,925	.....	.....	8,192	39,768	176,420
1879	129,920	5,317	.....	.....	21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000	.....	.....	98,105	46,844	302,739
1880	61,483	93,790	.....	.....	92,185	150,086	397,542
1881	84,640	88,726	.....	.....	101,115	210,776	485,257
1882	119,523	51,501	.....	.....	75,326	234,206	480,556
1883	152,608	65,667	.....	.....	73,447	228,297	520,019
1884	171,553	63,163	.....	.....	76,171	215,813	526,700
1885	75,435	72,938	.....	.....	96,742	313,346	558,461
1886	187,197	81,431	.....	.....	97,781	223,200	589,609
1887	182,619	123,145	.....	.....	99,162	245,146	650,072
1888	227,854	97,457	.....	.....	78,224	246,218	649,753
1889	246,402	67,266	.....	.....	84,416	235,435	633,519
1890	226,220	67,648	.....	.....	80,362	274,056	648,284
1891	196,634	83,576	.....	.....	91,820	253,785	625,865
1892	130,662	81,822	.....	.....	100,991	242,622	582,102
1893	73,624	84,622	.....	.....	151,224	281,049	591,430
1894	91,781	47,107	.....	.....	151,117	248,788	538,793
1895	83,187	29,444	.....	.....	147,308	242,645	502,584
1896	121,746	54,648	.....	.....	161,828	251,011	589,233
1897	132,488	45,279	.....	.....	187,609	252,419	617,796
1898	141,070	140,049	.....	.....	263,889	286,892	831,900
1899	257,306	143,078	.....	.....	293,701	293,388	987,473
1900	328,453	153,695	.....	.....	199,350	307,570	988,768
1901	417,343	123,736	.....	.....	190,172	318,389	1,049,640
1902	458,160	159,971	.....	.....	178,147	324,253	1,120,531
1903	478,970	209,437	.....	.....	170,547	332,731	1,191,685
1904	647,262	49,187	.....	.....	195,111	325,262	1,216,822
1905	662,154	101,154	.....	.....	198,651	327,549	1,287,508
1906	737,657	159,543	.....	.....	188,094	376,007	1,459,328
1907	788,468	102,937	.....	.....	203,289	437,995	1,532,689
1908	924,317	111,041	.....	.....	209,186	411,606	1,656,150
1909	934,803	97,347	.....	.....	213,991	392,508	1,638,649
1910	982,586	120,726	.....	.....	227,978	378,745	1,710,035
1911	1,001,413	183,089	.....	.....	235,185	379,941	1,799,628
1912	993,209	258,858	.....	.....	240,432	385,718	1,880,237
1913	987,678	303,585	.....	.....	252,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,050	437,850	1,813,005
1915	1,042,686	648,783	15,480	.....	118,416	466,724	2,312,061
1916	906,401	1,276,798	18,928	.....	120,396	520,251	2,842,804
1917	878,303	1,657,910	35,605	121,166	61,560	570,361	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,722	477,785	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,226	455,169	2,994,127
1920	258,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,589	19,368	390,046	4,499,481
1925	393,196	3,660,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,632	17,237	391,444	4,492,060
1927	620,202	2,877,221	207,625	266,133	18,027	385,090	4,379,268
1928	693,960	2,512,617	224,736	314,768	16,178	378,730	4,140,989
1929	732,708	2,590,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,057	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,805	288,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,305,331	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,237,967	0	0	0	0	8,237,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624
1939	(4)	17,643,577	0	0	0	0	17,643,577

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–10 [1]	$461,300,021	$58,613,159	$34,283,578	$554,202,758
1911	51,143,245	9,370,356	4,019,825	64,533,426
1912	51,388,352	11,413,021	7,959,870	70,761,243
1913	41,290,073	12,696,925	7,813,558	61,800,556
1914	35,421,165	6,142,090	7,626,125	49,189,380
1915	38,564,526	8,361,692	2,971,471	49,897,689
1916	52,210,988	12,019,899	2,742,312	66,973,199
1917	27,090,143	50,023,842	2,656,203	79,770,188
1918	31,322,709	202,503,389	8,601,568	242,427,666
1919	14,440,703	181,671,933	14,066,084	210,178,720
1920	4,902,478	83,438,040	5,970,531	94,311,049
1921	11,843,103	29,916,641	2,942,981	44,702,735
1922	10,682,662	45,027,143	1,001,128	56,780,933
1923	8,315,293	62,066,275	681,762	69,063,330
1924	23,418,769	79,593,505	2,064,232	105,076,506
1925	8,371,476	79,782,973	6,454,557	94,609,006
1926	3,799,262	80,853,036	3,891,161	88,543,459
1927	2,399,847	54,748,487	2,699,776	59,848,110
1928	544,052	80,092,220	4,036,456	84,672,728
1929	83,562	60,150,728	2,554,128	62,788,418
1930	2,053,773	47,320,561	1,521,589	50,895,923
1931	4,653,596	16,434,212	2,669,278	23,757,086
1932	607,091	9,883,473	3,359,330	13,849,894
1933	6,595,946	8,609,401	3,835,626	19,040,973
1934	6,628,829	1,351,145	8,571,362	16,551,336
1935	296,384	----------	18,504,907	18,801,291
1936	13,500	----------	1,227,806	1,241,306
1937	196,755	2,542	753,138	952,435
1938	89,591	75	700,627	790,293
1939	5,757,886	546,580	2,008,390	8,312,856
Total	903,440,780	1,292,703,343	168,189,359	2,364,333,482

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232,194,271	$26,240,746	$54,866,527	$313,301,544
1891–1900	269,872,576	63,081,893	61,808,988	394,763,457
1901–10	425,855,098	38,176,749	17,907,809	481,939,656
1911	43,131,303	5,208,615	----------	48,339,918
1912	58,181,441	9,329,080	----------	67,510,521
1913	47,793,897	3,674,207	9,295	51,477,399
1914	27,554,123	243,325	1,216	27,798,664
1915	18,454,444	24,332	32,435	18,511,211
1916–18 [2]	----------	----------	----------	----------
1919	1,546,832	2,766,240	----------	4,313,072
1920	18,662,366	24,727,149	----------	43,389,515
1921	30,756,772	16,789,537	----------	47,546,309
1922	34,480,053	16,455,043	----------	50,937,096
1923	42,617,483	10,115,264	----------	52,732,747
1924	21,651,852	1,791,582	138,744	23,582,178
1925	24,391,638	3,945,189	3,261	28,340,088
1926	37,277,181	1,736,732	1,325,776	40,339,689
1927	23,430,762	694,776	10,804	24,136,342
1928	19,756,973	11,202,890	963,718	31,983,581
1929	19,785,077	5,645,167	----------	24,853,844
1930	27,487,140	6,634,738	145,854	34,267,732
1931 [3]	14,272,412	3,955,470	392,919	18,620,801
1932	2,634,319	4,907,127	241,020	7,782,466
1933	2,720,612	380,255	216,461	3,317,328
1934	4,653,756	21,003	170,574	4,845,333
1935	3,725,447	1,550,346	----------	5,275,793
1936	46,764,042	905	38,244	46,803,191
1937	16,999,886	770	270,916	17,271,572
1938 [4]	2,506,904	1,253	----------	2,508,157
1939 [5]	5,985,152	----------	----------	5,985,152

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.
[4] From Year Book, American Bureau of Metal Statistics.
[5] For first 6 months only.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2, 628, 688			162, 343, 853
1881–82 to 1886–87			5, 126, 298			158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 378, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	096, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 782
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 386	57, 861, 476	−52, 989, 090
1934–35	79, 992	5, 774, 812	−5, 694, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4, 019, 262	49, 836, 880	48, 320, 802	1, 516, 078
1936–37	172, 781	3, 182, 817	−3, 010, 036	112, 255, 948	2, 144, 483	110, 111, 465
1937–38	169, 525	1, 937, 987	−1, 768, 462	24, 143, 546	8, 364, 562	15, 778, 984
1938–39	80, 355	1, 435, 067	−1, 354, 712	17, 905, 976	6, 006, 016	11, 899, 960

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 toals, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

Price of silver in London and in New York, 1939–40

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price, at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
1939	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
January	21 1/8	19 15/16	20. 3050	4. 6694	0. 42706	0. 43062
February	20 3/4	19 15/16	20. 3698	4. 6857	. 42963	. 43062
March	20 5/8	19 7/8	20. 2801	4. 6854	. 42802	. 43062
April	20 3/16	19 15/16	20. 0312	4. 6805	. 42233	. 43062
May	20 3/8	19 15/16	20. 1226	4. 6813	. 42442	. 43062
June	20	18	19. 5048	4. 6824	. 41140	. 42267
July	18 3/16	16 1/16	16. 9519	4. 6815	. 35579	. 35268
August	20 1/16	16 3/8	17. 7187	4. 6108	. 36703	. 36263
September	23 1/2	19 3/4	22. 1781	3. 9951	. 39912	. 37268
October	23 1/2	21 1/4	22. 7358	4. 0105	. 41073	. 39038
November	23 1/2	23 1/16	23. 3778	3. 9247	. 41329	. 35062
December	23 1/2	22 1/2	23. 2631	3. 9301	. 41171	. 35268
1940						
January	22 3/8	21 1/16	21. 8920	3. 9639	. 39089	. 35062
February	21 13/16	20 1/16	20. 9345	3. 9533	. 37375	. 35062
March	21 3/16	20 1/16	20. 7632	3. 7591	. 35158	. 35062
April	21 1/4	20 1/2	20. 7131	3. 5259	. 32897	. 35062
May	23 1/2	20 7/8	21. 8777	3. 2736	. 32261	. 35261
June	23 1/2	21 1/8	22. 6875	3. 6016	. 36807	. 35137
Average calendar year 1939			20. 4090	4. 4354	. 40776	. 39395
Average, fiscal year 1939–40			21. 2578	3. 9367	. 37446	. 35484

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1. 29375	$1. 25500	$1. 27195	1907	$0. 71000	$0. 52750	$0. 65978
1875	1. 26125	1. 21000	1. 23883	1908	. 58875	. 48250	. 53496
1876	1. 26000	1. 03500	1. 14950	1909	. 54500	. 50750	. 52163
1877	1. 26000	1. 16000	1. 19408	1910	. 57625	. 50750	. 54245
1878	1. 20750	1. 08500	1. 15429	1911	. 57500	. 52125	. 54002
1879	1. 16750	1. 06500	1. 12088	1912	. 65625	. 55250	. 62606
1880	1. 15000	1. 11250	1. 13931	1913	. 65125	. 58000	. 61241
1881	1. 14500	1. 11000	1. 12823	1914	. 60875	. 49000	. 56331
1882	1. 15000	1. 09000	1. 13855	1915	. 58000	. 47750	. 51062
1883	1. 11750	1. 09500	1. 10874	1916	. 79125	. 57250	. 67151
1884	1. 13250	1. 08000	1. 11161	1917	1. 16500	. 73125	. 84000
1885	1. 09500	1. 02750	1. 06428	1918	1. 01937	. 88937	. 98445
1886	1. 03500	. 92500	. 99880	1919	1. 38250	1. 01375	1. 12067
1887	1. 03500	. 95000	. 97899	1920	1. 37875	. 60375	1. 01940
1888	. 97750	. 92000	. 94300	1921	. 73813	. 53188	. 63096
1889	. 97250	. 92500	. 93634	1922	. 74188	. 62875	. 67034
1890	1. 20500	. 95750	1. 05329	1923	. 69000	. 62875	. 65239
1891	1. 07500	. 94750	. 99063	1924	. 72375	. 63000	. 67111
1892	. 93250	. 83000	. 87552	1925	. 73187	. 66812	. 69406
1893	. 85000	. 65000	. 78219	1926	. 68937	. 51812	. 62428
1894	. 70000	. 59500	. 64043	1927	. 60312	. 54187	. 56680
1895	. 69000	. 60000	. 66268	1928	. 63937	. 56812	. 58488
1896	. 70250	. 65625	. 68195	1929	. 57812	. 46812	. 53306
1897	. 66125	. 52750	. 60774	1930	. 47187	. 31062	. 38466
1898	. 62250	. 55125	. 59063	1931	. 37562	. 26062	. 29013
1899	. 64750	. 58625	. 60507	1932	. 31312	. 24562	. 28204
1900	. 65750	. 59750	. 62065	1933	. 43312	. 24812	. 34997
1901	. 64500	. 54750	. 59703	1934	. 56062	. 42062	. 48283
1902	. 56875	. 47375	. 52815	1935	. 81312	. 50062	. 64582
1903	. 62375	. 47500	. 54208	1936	. 80062	. 45062	. 45399
1904	. 62500	. 53375	. 57843	1937	. 47062	. 45062	. 45195
1905	. 66500	. 55625	. 61008	1938	. 45062	. 43062	. 43537
1906	. 72375	. 63125	. 67379	1939	. 43062	. 35062	. 39395

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 5/16	1.297
1834	60 3/4	59 3/4	59 15/16	1.313
1835	60	59 1/4	59 11/16	1.308
1836	60 3/4	59 5/8	60	1.315
1837	60 3/8	59	59 9/16	1.305
1838	60 1/2	59 1/2	59 1/2	1.304
1839	60 5/8	60	60 3/8	1.323
1840	60 3/4	60 1/2	60 3/8	1.323
1841	60 5/8	59 3/4	60 1/16	1.316
1842	60	59 1/4	59 7/16	1.303
1843	59 5/8	59	59 5/16	1.297
1844	59 3/4	59 1/4	59 1/2	1.304
1845	59 7/8	58 7/8	59 1/4	1.298
1846	60 1/8	59	59 5/16	1.300
1847	60 5/8	58 7/8	59 11/16	1.308
1848	60	58 1/2	59 1/2	1.304
1849	60	59 1/2	59 3/4	1.309
1850	61 1/2	59 1/2	60 1/16	1.316
1851	61 3/8	60	61	1.337
1852	61 7/8	59 7/8	60 1/2	1.326
1853	61 7/8	60 5/8	61 1/2	1.348
1854	61 7/8	60 7/8	61 1/2	1.348
1855	61 5/8	60	61 5/16	1.344
1856	62 1/4	60 1/2	61 5/16	1.344
1857	62 3/8	61	61 3/4	1.353
1858	61 7/8	60 3/4	61 5/16	1.344
1859	62 3/4	61 3/4	62 1/16	1.360
1860	62 3/8	61 1/4	61 11/16	1.352
1861	61 3/8	60 1/8	60 13/16	1.333
1862	62 1/8	61	61 7/16	1.346
1863	61 3/4	61	61 3/8	1.345
1864	62 1/2	60 5/8	61 3/4	1.345
1865	61 5/8	60 1/2	61 1/16	1.338
1866	62 1/4	60 3/8	61 1/8	1.339
1867	61 1/4	60 3/8	60 9/16	1.328
1868	61 1/8	60 1/8	60 1/2	1.326
1869	61	60	60 7/16	1.325
1870	60 3/4	60 1/4	60 5/16	1.328
1871	61	60 5/16	60 1/2	1.326
1872	61 1/8	59 1/4	60 5/16	1.322
1873	59 13/16	57 7/8	59 5/16	1.29769
1874	59 1/2	57 1/4	58 5/16	1.27883
1875	57 3/8	55 1/2	56 11/16	1.24233
1876	58 1/2	46 3/4	52 3/4	1.16414
1877	58 1/4	53 1/4	54 13/16	1.20189
1878	55 1/4	49 1/2	52 13/16	1.15358
1879	53 3/4	48 7/8	51 1/4	1.12392
1880	52 13/16	51 1/2	52 1/4	1.14507
1881	52 7/8	50 3/8	51 1/16	1.13229
1882	52 3/4	50	51 3/8	1.13562
1883	51 1/16	50 1/16	50 9/16	1.10874
1884	51 3/4	49 1/2	50 13/16	1.11068
1885	50	46 7/8	48 9/16	1.06510
1886	47	42	45 3/8	.99467
1887	47 1/8	43 1/4	44 11/16	.97946
1888	44 9/16	41 3/8	42 7/8	.93974
1889	44 3/8	41 15/16	42 1/16	.93511
1890	54 5/8	43 3/8	47 3/4	1.04634
1891	48 3/4	43 1/2	45 1/16	.98800
1892	43 3/4	37 7/8	39 3/4	.87145
1893	38 3/4	30 1/2	35 9/16	.78030
1894	31 3/4	27	28 15/16	.63479
1895	31 3/8	27 3/16	29 13/16	.65406
1896	31 15/16	29 3/4	30 13/16	.67565
1897	29 15/16	23 3/8	27 9/16	.60438
1898	28 3/8	25	26 15/16	.59010
1899	29	26 5/8	27 1/16	.60154
1900	30 1/4	27	28 5/16	.62007
1901	29 5/16	24 15/16	27 1/16	.59955
1902	26 1/16	21 11/16	24 1/16	.52795
1903	28 1/2	21 11/16	24 3/8	.54257
1904	28 5/16	24 7/16	26 3/32	.57876
1905	30 5/16	25 7/16	27 13/16	.61027
1906	33 1/8	29	30 7/8	.67689
1907	32 7/16	24 3/4	30 5/16	.66152
1908	27	22	24 13/32	.53490
1909	24 7/8	23 1/16	23 23/32	.52016
1910	26 1/4	23 5/16	24 21/32	.54077
1911	26 1/8	23 1/16	24 19/32	.53928
1912	29 11/16	25 1/8	28 1/16	.61470
1913	29 3/8	26 1/16	27 5/16	.60458
1914	27 1/4	22 1/8	25 1/4	.55312
1915	27 1/4	22 5/16	23 3/8	.51892
1916	37 1/8	26 11/16	31 3/8	.68647
1917	55	35 1/16	40 13/16	.89525
1918	49 1/16	42 1/2	47 17/32	1.04171
1919	79 1/4	47 3/4	57 1/32	1.25047
1920	89 1/2	58 7/8	61 13/32	1.34649
1921	43 3/8	30 5/8	36 25/32	.80522
1922	37 3/8	30 3/8	34 1/32	.75403
1923	33 1/16	30 1/2	31 5/16	.70028
1924	36 1/16	31 1/2	33 1/32	.74456
1925	33 7/16	31 1/16	32 5/32	.70346
1926	31 13/16	24 1/16	28 1/16	.62873
1927	28	24 3/4	26 1/16	.57070
1928	28 7/8	26 1/16	26 3/4	.58267
1929	26 7/16	21 5/16	24 1/32	.53631
1930	21 5/8	14 5/16	17 21/32	.38724
1931	21 1/16	12	14 1/32	.29176
1932	20 7/16	16 3/8	17 27/32	.28116
1933	20 1/2	16 1/2	18 9/32	.34581
1934	25 1/4	18 3/16	21 7/32	.48122
1935	36 1/4	20 7/8	28 15/16	.63933
1936	22 15/16	19	20 1/16	.44934
1937	21 3/8	18 3/16	20 1/16	.44687
1938	20 9/16	18 3/8	19 7/32	.42989
1939	23 1/2	16 1/16	20 13/32	.40778

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce	United States equivalent of London price [1]		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.37	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 9.00	18.9188	20.6387	----------
British mint price per standard ounce (0.916⅔)	3 17 10.50	18.9402	----------	.16077
Equivalent per fine ounce	4 4 11.45+	----------	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	----------	----------
Equivalent per fine ounce	4 4 9.82–	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce			United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£	s.	d.		Percent		
1919	4	10	1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	5	12	11.52	27.4863	33.17875	3.6643	20.6960
1921	5	7	.50	26.0463	26.20109	3.8491	20.6007
1922	4	13	3.80	22.7066	10.01952	4.4292	20.6659
1923	4	10	2.90	21.9583	6.39381	4.5748	20.6419
1924	4	13	8.30	22.7978	10.46141	4.4171	20.6923
1925	4	5	5.60	20.7964	.76410	4.8289	20.6355
1926	4	4	11.10	20.6646	.12549	4.8582	20.6291
1927	4	4	11.20	20.6667	.13561	4.8610	20.6430
1928	4	4	11.20	20.6667	.13561	4.8662	20.6651
1929	4	4	11.35	20.6697	.15020	4.8569	20.6287
1930	4	4	11.93	20.6814	.20689	4.8621	20.6625
1931	4	12	6.23	22.5126	9.07954	4.5350	20.9787
1932	5	18	.82	28.7293	39.20110	3.5061	20.6980
1933	6	4	10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6	17	7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6	17	7.85	56.7114	62.29270	5.0393	34.6840
1935	7	2	1.24	58.5450	67.53997	4.9018	34.8281
1936	7	0	3.45	57.7964	65.39768	4.9709	34.8678
1937	7	0	8.77	57.9790	65.92023	4.9440	34.7887
1938	7	2	6.66+	58.7306	68.07111	4.8894	34.8505
1939	7	14	4.07	63.5854	81.96423	4.4354	34.2278
British Mint price per fine ounce	4	4	11.45+	[2] 20.6718 [3] 35.0000	.16077		
Bank of England's minimum buying rate per fine ounce	4	4	9.82−	[2] 20.6387 [3] 34.9439			

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1858	$1.039	1879	$0.86928	1900	$0.57958	1921	$0.48801
1838	1.008	1859	1.052	1880	.88364	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80927	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50587	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242	1938	.33673
1855	1.039	1876	.90039	1897	.46745	1918	.76142	1939	.30470
1856	1.039	1877	.92958	1898	.45640	1919	.86692		
1857	1.046	1878	.89222	1899	.46525	1920	.78844		

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1730	14.81	1773	14.62	1816	15.28	1859	15.19	1902	39.15
1688	14.94	1731	14.94	1774	14.62	1817	15.11	1860	15.29	1903	38.10
1689	15.02	1732	15.09	1775	14.72	1818	15.35	1861	15.50	1904	35.70
1690	15.02	1733	15.18	1776	14.55	1819	15.33	1862	15.35	1905	33.87
1691	14.98	1734	15.39	1777	14.54	1820	15.62	1863	15.37	1906	30.54
1692	14.92	1735	15.41	1778	14.68	1821	15.95	1864	15.37	1907	31.24
1693	14.83	1736	15.18	1779	14.80	1822	15.80	1865	15.44	1908	38.64
1694	14.87	1737	15.02	1780	14.72	1823	15.84	1866	15.43	1909	39.74
1695	15.02	1738	14.91	1781	14.78	1824	15.82	1867	15.57	1910	38.22
1696	15.00	1739	14.91	1782	14.42	1825	15.70	1868	15.59	1911	38.33
1697	15.20	1740	14.94	1783	14.48	1826	15.76	1869	15.60	1912	33.62
1698	15.07	1741	14.92	1784	14.70	1827	15.74	1870	15.57	1913	34.19
1699	14.94	1742	14.85	1785	14.92	1828	15.78	1871	15.57	1914	37.37
1700	14.81	1743	14.85	1786	14.96	1829	15.78	1872	15.63	1915	40.48
1701	15.07	1744	14.87	1787	14.92	1830	15.82	1873	15.93	1916	30.78
1702	15.52	1745	14.98	1788	14.65	1831	15.72	1874	16.16	1917	24.61
1703	15.17	1746	15.13	1789	14.75	1832	15.73	1875	16.64	1918	21.00
1704	15.22	1747	15.26	1790	15.04	1833	15.93	1876	17.75	1919	18.44
1705	15.11	1748	15.11	1791	15.05	1834	15.73	1877	17.20	1920	20.28
1706	15.27	1749	14.80	1792	15.17	1835	15.80	1878	17.92	1921	32.76
1707	15.44	1750	14.55	1793	15.00	1836	15.72	1879	18.39	1922	30.43
1708	15.41	1751	14.39	1794	15.37	1837	15.83	1880	18.05	1923	31.69
1709	15.31	1752	14.50	1795	15.55	1838	15.85	1881	18.25	1924	30.80
1710	15.22	1753	14.54	1796	15.65	1839	15.62	1882	18.20	1925	29.78
1711	15.29	1754	14.48	1797	15.41	1840	15.62	1883	18.64	1926	33.11
1712	15.31	1755	14.68	1798	15.59	1841	15.70	1884	18.61	1927	36.47
1713	15.24	1756	14.94	1799	15.74	1842	15.87	1885	19.41	1928	35.34
1714	15.13	1757	14.87	1800	15.68	1843	15.93	1886	20.78	1929	38.78
1715	15.11	1758	14.85	1801	15.46	1844	15.85	1887	21.10	1930	53.74
1716	15.09	1759	14.15	1802	15.26	1845	15.92	1888	22.00	1931	71.25
1717	15.13	1760	14.14	1803	15.41	1846	15.90	1889	22.10	1932	73.29
1718	15.11	1761	14.54	1804	15.41	1847	15.80	1890	19.75	1933	59.06
1719	15.09	1762	15.27	1805	15.79	1848	15.85	1891	20.92	1934	72.49
1720	15.04	1763	14.99	1806	15.52	1849	15.78	1892	23.72	1935	64.19
1721	15.05	1764	14.70	1807	15.43	1850	15.70	1893	26.49	1936	77.09
1722	15.17	1765	14.83	1808	16.08	1851	15.46	1894	32.56	1937	77.44
1723	15.20	1766	14.80	1809	15.96	1852	15.59	1895	31.60	1938	80.39
1724	15.17	1767	14.85	1810	15.77	1853	15.33	1896	30.59	1939	88.84
1725	15.11	1768	14.80	1811	15.53	1854	15.33	1897	34.20		
1726	15.15	1769	14.72	1812	16.11	1855	15.38	1898	35.03		
1727	15.24	1770	14.62	1813	16.25	1856	15.38	1899	34.36		
1728	15.11	1771	14.66	1814	15.04	1857	15.27	1900	33.33		
1729	14.92	1772	14.52	1815	15.26	1858	15.38	1901	34.68		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

COINAGE OF NATIONS

CALENDAR YEAR 1938

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			8,998,493	$2,834,013	6,509,435
Albania	Franc	200,000	65,339			
Arabia, Saudi	Riyal			1,310,698	196,157	450,552
Belgium trade coins (circulate in Red Sea area).	Maria Theresa thaler.			6,700,000	2,193,484	5,038,206
Brazil	Milreis			4,970,000	83,481	191,747
British Empire:						
Australia	Pound			544,400	797,234	1,831,164
British Guiana	do			500	396	909
British East Africa	Shilling			7,232,000	196,787	452,000
British India	Rupee			8,734,559	1,307,198	3,002,499
British Malaya	Dollar			15,118	3,447	7,918
Canada	do			1,393,357	363,976	836,014
Cyprus Island	Pound			90,000	73,221	168,182
Fiji	do			5,000	3,958	9,091
Eire	do			13,536	16,073	36,917
Great Britain	do			2,491,576	1,972,286	4,530,142
Mauritius	Rupee			250,000	37,415	85,938
Newfoundland	Dollar			15,000	4,531	10,406
New Guinea	Pound			30,000	41,782	95,969
New Zealand	do			25,000	19,789	45,454
Southern Rhodesia	do			190,600	279,120	641,109
Trade coins	Maria Theresa thaler.			5,086,085	1,665,117	3,824,602
Union of South Africa	Pound			219,312	277,766	638,000
China	Dollar			6,480,064	1,942,438	4,461,580
Colombia	Peso			487,707	153,600	352,803
Cuba	do			10,800,000	3,636,700	8,353,125
Dominican Republic	Dollar			490,000	127,999	294,000
Egypt	Pound	20,000	167,370	253,000	413,158	948,983
France	Franc			350,226,130	3,333,549	7,656,819
Indochina	Piastre			2,822,894	725,465	1,666,319
Syria	Pound			75,856	14,440	33,168
Tunis	Franc	6,600	438	12,090	115	264
Germany	Reichsmark			113,924,230	3,986,624	9,156,865
Guatemala	Quetzal			30,000	10,078	23,148
Hungary	Pengo			20,334,000	937,673	2,153,739
Japan [3]	Yen			1,800,358	179,629	412,589
Lithuania	Litas			10,408,450	196,684	451,763
Nepal	Rupee	75,400	46,595	1,971,146	244,581	561,777
Netherlands	Florin			12,140,000	1,276,211	2,931,326
East Indies	do			5,800,000	741,311	1,702,714
Philippine Islands	Peso			611,307	128,351	294,809
Poland	Zloty			4,031,000	93,099	213,839
Portuguese East Africa	Escudo			7,500,000	100,213	230,179
Sweden	Krona			5,883,210	464,353	1,066,571
Switzerland	Franc			300,000	17,532	40,269
Turkey	Lira			1,214,000	169,250	388,749
Vatican	Lire	535,500	28,175			
Total			307,917		31,260,284	71,801,652

CALENDAR YEAR 1939 (SUBJECT TO REVISION)

United States	Dollar			27,913,497	$7,954,792	20,192,391
Arabia, Saudi	Riyal			389,302	52,720	133,823
Belgium	Franc			100,000,000	378,976	961,990
British Empire:						
British Guiana	Pound			800	573	1,454
British Honduras	Dollar			2,000	544	1,382
British Malaya	Dollar			154,052	31,788	80,690
Canada	Dollar			2,941,103	695,189	1,764,662
Eire	Pound			262,464	281,994	715,811
Great Britain	Pound			5,819,479	4,168,223	10,580,589
New Zealand	Pound			42,600	30,514	77,457
Seychelles Island	Rupee			117,000	15,844	40,219
Southern Rhodesia	Pound			68,000	90,107	228,727
Union of South Africa	do			84,817	97,203	246,740

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.43537.
[3] First 3 months of 1938.

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1939—Continued

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed	Fine ounces consumed
Cuba	Peso			9,200,000	$2,803,200	7,115,625
Dominican Republic	Dollar			70,000	20,245	51,389
Egypt	Pound	20,000	167,370	700,000	1,034,372	2,625,644
France	Franc					
Tunis	do			15,012,090	129,295	328,202
Germany	Reichsmark			151,684,235	4,803,000	12,191,902
Hungary	Pengo			19,145,000	775,956	1,969,682
Mexico	Peso			6,980,000	710,317	1,803,064
Netherlands	Florin					
East Indies	do			2,595,000	295,810	750,881
Palestine	Pound			300,000	319,100	810,000
Rumania	Leu	72,000	729	2,240,000,000	1,149,040	2,916,715
Switzerland	Franc			16,356,850	629,313	1,597,443
Yugoslavia	Dinar			525,680,000	1,802,443	4,575,308
Total		92,000	168,099		28,270,558	71,761,790

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1938 AND 1939

[Insofar as reported to the Director of the Mint]

Country	1938		1939 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
		Fine ounces		*Fine ounces*
United States	$14,855,890	3,444,182	$15,969,275	3,177,161
Brazil	2,543	[2] 81,430		[4] 34,069
British Empire:				
Australia	2,274	[2] 3,781		
British East Africa				[2] 8,250
British India		[2] 35,406,250		
British Somaliland				[2] 694
British West Indies: Jamaica		7,250		[2] 3,064
Canada		[2] 195,577		[2] 177,650
Gold Coast		[2] 126,364		[2] 143,455
Hong Kong				[2] 799,074
Great Britain		[2] 2,677,913		[2] 2,614,128
Malta				
New Zealand				
Newfoundland				[2] 2,225
Nigeria		[2] 79,929		
Northern Rhodesia				
Nyasaland		[2] 81,393		[2] 29,361
Sierra Leone		[2] 4,454		[2] 7,182
Sudan, Anglo-Egyptian				
Tanganyika				[2] 1,250
Union of South Africa		35,850		[2] 3,162
Chile				[2] 3,586
Costa Rica	2,579		825	
Cuba				[2] 48
Dominican Republic		[2] 169,986		
Egypt		[2] 4,482,349		
Germany		[2] 3,066,771		[2] 4,643,161
Hungary		[2] 314		[2] 207
Indo-China French		[2] 162,100		
Mexico				[2] 78,025
Netherlands		[2] 834,908		
Netherlands East Indies		[2] 1,098,839		[2] 34,260
Norway		[2] [3] 26,910		
Philippine Islands		418,382		
Poland		[2] 15,315		
Rumania		[2] 945,210		[2] 556,490
Sweden		[2] 25,781		
Switzerland		[2] 81,276		
Yugoslavia				[2] 50,348
				[2] 4,345,109
Totals	14,863,286	53,472,514	15,970,100	16,712,019

[1] At $35 per fine ounce of gold.
[2] Domestic coin only.
[3] For fiscal year ended June 30, 1938.
[4] Foreign coin only.
[5] Partly estimated.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1938 AND 1939

[Includes new and old bullion, domestic and foreign coin, and other materials, insofar as reported to the Director of the United States Mint]

Country	1938		1939 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$30,156,754	38,620,473	$38,788,960	69,585,265
Arabia-Yemen			800	6,346
British Empire:				
Australia	310,030	34,755		
Canada	950,000	1,096,105	1,373,057	2,096,091
Great Britain	11,375,000	8,000,000	10,500,000	7,000,000
Uganda	100,765	1,000	66,535	1,009
Bulgaria	123,781		135,033	
Denmark	163,166	1,575,350		
Estonia	57,271	121,334		
Finland	377,869	493,085	360,313	370,258
France:				
Algeria	393,848	263,630		
Tunis	50,330	236,431	58,161	175,525
Germany	[1] 7,824,020		[1] 5,928,873	
Guatemala	4,250	450	3,400	386
Iceland	1,407	6,430		
Hungary	939,143	631,868	1,320,095	683,624
Latvia	151,913	250,609		
Lithuania	281,225	96,450	225,050	99,452
Mexico				677,093
Portuguese East Africa	1,443,458	731,863		
Rumania	1,406,600	128,600	1,406,600	289,350
Salvador			1,250	471
Sweden	1,395,347	604,420		
Switzerland			3,375,820	96,452
Uruguay			157,535	32,151
Yugoslavia	533,143	120,645	527,240	113,804
	58,039,320	53,013,498	64,228,722	81,224,268

[1] Gold delivered by the Reichsbank.

REVISIONS, 1938 MONETARY STOCKS

Principal revisions and changes of data relative to monetary stocks for 1937, published in last year's volume, are as follows:

Bolivia's gold stock reduced from $3,486,000 to $3,118,557.

Brazil's paper circulation increased from 4,810,000,000 milreis to 4,825,251,519 milreis.

British West Africa's paper circulation reduced from 2,890,776 pounds sterling to 2,506,982; silver stock as $5,463,284 instead of $7,005,000.

China's notes issued by leading Chinese banks as of June 1938 was $1,726,997,835. (Source: The Central Bank of China Bulletin, Summer 1940, Volume VI, Number 2.)

Greece's paper circulation reduced to 7,238,722,200 drachmas from 7,239,000,000 drachmas; gold stock as $34,064,820 instead of $32,886,000; silver stock as $1,305,248 instead of $2,610,495.

United States' silver stock as $2,595,594,558 instead of $5,367,771,000.

Yugoslavia's gold stock as $56,906,520 instead of $56,955,000; silver stock as $20,711,748 instead of $22,143,000; paper circulation as 6,920,702,300 dinar instead of 6,921,000,000 dinar.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1939

208557—40——7

The following compilations have been made from answers to official questionnaires of the United States Mint Bureau, central bank reports, and other official sources, except as indicated by footnote.[1] It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. The amount of silver in circulation in many countries is not obtainable. Population figures are principally those supplied by the Bureau of Foreign and Domestic Commerce, United States Department of Commerce.

Monetary stock of principal countries of the world, end of calendar year 1939 (subject to revision)

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine: i. e., an ounce of fine gold=$35. Population (000 omitted)]

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper in monetary unit of issuing country
		On gold basis as defined by laws effective Dec. 31, 1939, insofar as known	At average exchange rate during December 1939 [2]									
North America:												
United States (including Alaska, Hawaii and Puerto Rico)	Dollar	$1.0000	$1.0000	$17,643,577		$17,643,577	$2,860,082	[3] 7,007,746	[4] 132,489	$133.17	$21.59	52.89
Canada	do	1.6931	.8762	[5] 206,137	$86	206,223	[6] 28,245	317,402	11,120	18.55	2.54	28.54
Mexico	Peso	(7)	.1819	31,873	777	32,650	[8] 55,718	372,962	19,154	1.70	2.91	19.47
British Honduras	Dollar	1.6931	1.0000				195	328	56		3.48	5.85
Costa Rica	Colon	.7879	.1763				126	[1] 28,300	540		.23	50.00
Cuba	Peso	1.0000	.88	1,241		1,241	77,440	76,037	4,109	.30	18.85	18.50
Dominican Republic	Dollar	1.6931	1.0000				[9] 630	(10)	1,581		.40	
Guatemala	Quetzel	1.6931	1.0000	8,252		8,252	1,708	7,916	3,008	2.74	.57	2.63
Haiti	Gourde	.2000					[11] 26	[9] 7,990	2,700		.01	2.96
Honduras	Lempira	.5000	.4902		64	64	4,760	2,135	962	.07	4.95	2.22

See footnotes at end of table

Monetary stock of principal countries of the world, end of calendar year 1939 (subject to revision)—Continued

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent: On gold basis as defined by laws effective Dec. 31, 1939, insofar as known	United States equivalent: At average exchange rate during December 1939 [2]	In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper in monetary unit of issuing country
North America—Continued.												
Newfoundland	Dollar	$1.6931	$0.8762				$1,808	[12] 18	290		$6.23	0.06
Nicaragua	Cordoba	1.6933	.2000	$1,102		$1,102	[8] 105	12,825	1,000	$1.10	.11	13.00
Panama	Balboa	1.0000					[9] 1,010	[10]	535		1.89	
Salvador	Colon	.5000	.4000	6,605	$1,520	8,125		15,317	1,632	4.98		9.39
West Indies, British:												
Barbados	Dollar	1.7166	.8187				338	828	191		1.77	4.34
Jamaica	Pound	8.2397	3.9301					619	1,153			.54
Trinidad [13]	Dollar	1.7166	.8187					2,482	456			5.44
West Indies, French:												
Guadeloupe	French franc	(7)	.0223						310			
Martinique	do	(7)	.0223						255			
West Indies, Netherlands	Guilder	.6806	.5311	[14]			[14]		91			
South America:												
Argentina	Peso	1.6335	.2977	466,000		466,000		1,191,147	12,762	36.51		93.33
Bolivia	Boliviano	.6180	.0279	3,873		3,873	[11] 5	368,760	3,283	1.18		112.32
Brazil	Milreis	.0871	.0503	39,520		39,520	[14]	4,957,150	43,247	.91		114.62
Chile	Peso	.2060	.0517	29,995		29,995	[15] [11] 412	950,100	4,597	6.52	.09	206.68
Colombia	do	.5714	.5702	21,004	3,216	24,220	9,483	64,246	8,665	2.80	1.09	7.41
Ecuador	Sucre	.3386	.0654	[5] 3,757		3,757	[4]518	69,348	2,757	1.36	.19	25.15
Guiana:												
British	Dollar	1.7165	.8187					767	333			2.30
French	French franc	(7)	.0223						37			
Paraguay	Peso	1.6335	.0032	81		81		1,231,230	900	.09		1,368.03
Peru	Sol	.4740	.1736	22,909	272	23,181	4,620	131,886	6,500	3.56	.71	20.29
Uruguay	Peso	.6583	.3679	74,652		74,652	1,828	[11] 93,255	2,093	35.67	.89	44.56
Venezuela	Bolivar	.3267	.3134	6,084	53,796	59,880	[11] 15,225	157,213	3,428	17.47	4.44	45.86
Europe:												
Albania	Franc	.3267	.3157	2,472		2,472	[6] [16] 699	[1] 26,316	1,120	2.21	.62	23.50
Belgium	Belga	.1695	.1658	607,140		607,140	7,070	5,579,573	8,361	72.85	.85	667.33

Bulgaria	Lev	.0122		24,539		24,539	[18] [17] 22,510	4,245,200	6,280	3.91	3.61	675.98
Czechoslovakia	Koruna	.0351		56,230		56,230		6,345,000	15,263	3.68		415.71
Danzig	Guilder	.1899							405			
Denmark	Krone	.4537	.1930	[15] 53,083		53,083		[1] 600,000	3,764	14.10		159.40
Eire	Pound	8.2397	3.9301	28,000		28,600	[16] 6,989	15,690	2,966	9.64	2.36	5.29
Estonia	Kroon	.4537	.2398	[1] 12,903		[5] 12,903	405	64,445	1,131	11.41		56.98
Finland	Mark	.0426	.0181	26,555		26,555		4,038,668	3,807	6.98		1,060.85
France	Franc	(7)	.0223	[5] 2,708,878		[19] 2,708,878	[20] [11] 16,088	151,322,427	41,906	64.64	.38	3,610.99
Germany	Reichsmark	.4033	.4010	28,380	11,738	40,118	[8] 549,939	12,754,958	67,587	.59	8.14	188.72
Gibraltar	Pound	8.2397	3.9301				102	[1] 305	20		5.10	15.25
Great Britain	do	8.2397	3.9301	[1] [22] 10,314		10,314		[1] 554,616	47,029	.22		11.79
Greece	Drachma	.0220	.0072	29,448	108	29,556	1,098	9,452,792	7,000	4.22	.15	1,350.40
Hungary	Pengo	.2961	.1760	24,489		24,489	4,614	974,793	9,035	2.71	.51	107.89
Iceland	Krona	.4537	.1930						118			
Italy	Lira	.0526	.0505	[1] 144,000		144,000		24,432,200	43,786	3.29		557.99
Latvia	Lat	(7)	.1852	[23] 14,126		14,126	[11] 1,111	[1] 110,000	1,965	7.19	.56	55.98
Lithuania	Litas	.1693	.1669	8,975		8,975	6,681	165,934	2,550	3.52	2.62	65.07
Malta and Gozo	Pound	8.2397	3.9301				432	1,500	265		1.63	5.66
Netherlands	Florin	.6806	.5311	[1] 690,128		690,128	[1] 5,842	[12] 1,152,000	8,635	79.92	.68	133.41
Norway	Krone	.4537	.2270	[1] 93,916		93,916	5,664	[1] 574,700	2,907	32.31		197.70
Poland	Zloty	.1899	[24] .1883	[1] 85,000		85,000			34,500	2.46		
Portugal	Escude		.0360	[1] 68,900		68,900		[1] 2,494,000	7,275	9.47		342.82
Rumania	Leu	.0073	.0071	[5] 151,606		151,606	15,926	48,799,991	19,646	7.72	.81	2,483.97
Spain	Peseta	.3267	.0995	[1] [25] 525,000		525,000		(14)	24,849	21.13		370.72
Sweden	Krona	.4537	.2380	307,869	248	308,117	217	[1] 1,422,176	6,285	49.02		226.28
Switzerland	Franc	(7)	.2242	548,580		548,580	[26] 574	2,049,853	4,174	131.43		491.10
Bank of International Settlements	do	.3267		[1] 7,386		7,386						
Union of Soviet Socialist Republics	Chervonets							(28)	170,500			
Yugoslavia	Dinar	.0298	.0227	58,973	322	59,295	22,329	9,697,875	15,400	3.85	1.45	629.73
Asia:												
Arabia, Saudi	Pound	8.2397	3.9301			(14)	(14)	(14)	7,000			
British Malaya (includes Straits Settlements, Federated Malay States, Unfederated Malay States, British North Borneo, and Sarawak)	Dollar	.9613	.4585				12,981	134,128	6,037		2.15	22.22
Ceylon	Rupee	.6180	.3003	14		14	8,334	53,209	5,780		1.44	9.21
China	Yuan		.0749					[1] 2,716,000	466,786			5.82
Hong Kong	Dollar		.2448					232,044	988			234.86
Cyprus Island	Pound	8.2397	3.9301				865	(14)	373		2.32	
India, British	Rupee	.6180	.3003	256,737	17,735	[1] 274,472	[11] 192,793	[27] 2,395,481	338,171	.81	.57	7.08
Indo-China, French	Piaster	(7)	.2230				5,054	207,775	23,030		.22	9.02
Iraq	Dinar	8.2397	3.9301				2,112	[29] 5,200	3,561		.59	1.46
Iran (Persia)[9]	Rial	.0824	.0588	28,922		28,922	[11] 27,090	[10] 986,000	12,000	2.41	2.26	82.17
Japan (includes Chosen, Taiwan, Kwantung and Karafuto)[5]	Yen	.8440	.2344	[1] 163,570		163,570		[1] 3,590,382	101,353	1.61		35.42
Netherlands East Indies	Guilder	.6806	.5311	78,017	11,913	89,930	49,192	193,764	64,450	1.40	.76	3.01
Palestine	Pound	8.2397	3.9301				5,541	7,818	1,402		3.95	5.58
Philippine Islands	Peso	.5000		896		896	18,973	156,449	13,099	.07	1.45	11.94
Syria	Pound	(7)	.4460			(14)	(14)	(14)	3,600			
Thailand (Siam)	Baht or tical	.7491	.3603	32,820		32,820	[5] 6,705	154,532	14,464	2.27	.46	10.68
Turkey	Lira (pound)	7.4439	.7674	[1] 28,770		28,770		281,460	16,201	1.78		17.37

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1939 (subject to revision)—Continued

Country	Monetary unit: Name	Monetary unit: United States equivalent: On gold basis as defined by laws effective Dec. 31, 1939, insofar as known	Monetary unit: United States equivalent: At average exchange rate during December 1939 [2]	Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes): In central bank, government treasuries, and earmarked abroad	Gold stock: Other	Gold stock: Total gold stock	Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States, equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita: Gold	Per capita: Silver	Per capita: Paper in monetary unit of issuing country
Africa:												
Algeria and Tunis [15]	Franc	(7)	$0.0223	$14,062		$14,062		4,124,917	9,843	$1.43		419.07
Belgian Congo	do	$0.0339	.0332	[1] 5,800		5,800			10,067	.58		
British East Africa (Kenya, Tanganyika, Uganda and Zanzibar) [10]	Shillings	.4120	.2341				$15,033	61,164	12,468		$1.21	4.90
British West Africa (Gambia, Gold Coast, Nigeria, Sierra Leone)	Pound	8.2397	3.9301				10	3,403	25,183			.14
Egypt	do	8.3692		52,500		52,500	[13] 16,376	26,495	15,905	3.30	1.03	1.67
French West Africa	French franc	(7)	.0223				(14)	(14)	14,702			
Liberia	Dollar	.8042			$39	39	803		2,000		.40	.01
Madagascar	do	(7)	.0223						3,798			
Morocco	do	(7)	.0223	4,134		4,134	2,752	1,072,349	6,206	.66	.44	170.32
Nyasaland	Pound	8.2397	3.9301	5		5	4,342	.85	1,639		2.65	
Portuguese East Africa	Escudo	.0749	.0360	[12] 910		910		[13] 181,493	4,006	.23		45.31
Rhodesia: Southern	Pound	8.2397			2,180	2,180	[11] 382	[14] 1,262	1,289	.98	.30	1.29
Somaliland, British	Rupee	.6180	.3003				330	1,000	350	2.86	.94	
Southwest Africa	Pound	8.2397	3.9741	16		16	107	416	365	1.14	.29	.04
Sudan, Anglo-Egyptian	do	8.3692		1	4	5	[17] 7,503	935	5,950	.16	1.26	
Union of South Africa	do	8.2397	3.9741	250,110	341	250,451	[11] 4,441	20,940	9,797	2.13	.45	25.56
Oceania:												
Australia	do	8.2397	3.1313	[1] 4,200		4,200			6,867	.61		
Fiji Islands	do	8.2347							205			
New Guinea	do	8.2397	3.1313						670			
New Zealand	do	8.2397	3.1503	23,086		23,086	[13] 11		1,602	12.04	4.72	14.41
Society Islands	Franc	(7)	.0223				7,555	[16] 19,292	40			937.37
Papua	Pound	8.2397	3.1313					[13] 37,495	280		.04	.03
							11	[18] 8				
Total				25,828,722	104,359	25,933,081	4,121,858		2,040,380	12.71	2.02	

[1] Data used from other than official sources:
Albania, Federal Reserve Bulletin, April 1940.
Argentina, Annual Bullion Review, 1939, Samuel Montagu and Company.
Australia, Federal Reserve Bulletin, September 1940.
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Belgium Congo, Federal Reserve Bulletin, September 1940.
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Great Britain, Banker's Magazine, February 1940.
Italy, Monthly Bulletin No. 147 of Banco Central de Chile and Federal Reserve Bulletin, September 1940.
Japan, Bank of, Statement Dec. 30, 1939.
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Norway, The Statist, Jan. 13, 1940.
Poland, Bank for International Settlements, Tenth Annual Report.
Portugal, Federal Reserve Bulletin, September 1940; Paper, League of Nations Monthly Bulletin of Statistics, July 1940.
Spain, gold from Federal Reserve Bulletin, September 1940; paper from Banco Central de Chile Bulletin, May 1939.
Turkey, Annual Bullion Review, Montagu & Co.; paper, League of Nations Monthly Bulletin of Statistics, July 1940.
Yugoslavia, The Statist, Feb. 11, 1939.

[2] Exchange rates have been given insofar as obtainable; in some cases they are nominal.
[3] Includes any paper currency held outside the continental limits of the United States.
[4] Continental United States only.
[5] Bases used for conversions of gold holdings to United States dollars:
Canada, holdings of Government Treasury converted at legal parity; holdings of Bank of Canada reported at current market rate.
Ecuador, revaluation of June 13, 1936, at rate of 11.6466 sucres per gram of fine gold (United States equivalent $0.0966).
Estonia, revaluation of Mar. 6, 1939, at 0.2802 gram of fine gold per kroon ($0.315303).
Finland, revaluation of Dec. 22, 1938, at the rate of 50,000 marks per kilogram of fine gold (United States equivalent $0.0225).
France, gold holdings of the Bank of France revalued by decree of Nov. 12, 1938, at 27.5 milligrams of gold 0.900 fine (United States equivalent, $0.027851).
Japan, gold revaluation effective Aug. 25, 1937, at 0.29 gram fine gold peryen (United States equivalent, $0.32633).
Latvia, revaluation of Jan. 1, 1937, on the basis of the price of gold in terms of sterling in London (25.22 lats=£1 sterling) (United States equivalent, $0.1960).
Rumania, revaluation of Nov. 6, 1936, at the rate of 153,333.33 lei per kilogram of fine gold (United States equivalent, $0.0073).
Switzerland, revalued in September 1936, at 0.215 gram of fine gold per franc (United States equivalent, $0.2419).

[6] Net issues of silver coin.

[7] Colombia law of Nov. 19, 1938, established new gold content of peso at 0.507816 gram of fine gold (United States equivalent, ($0.5714).
France, law of Oct. 1, 1936, provided for new gold content of franc to be fixed within limits of 43 and 49 milligrams of gold 0.900 fine. This law was superseded by decree of June 30, 1937, which stated that gold content of the franc shall be fixed ultimately by a decree adopted by the Council Ministers. Until issuance of such decree a stabilization fund shall regulate the relationship between the franc and foreign currencies.
Indo-China, French, monetary unit, the piaster, has a par value of 10 French francs.
Latvia, law of Sept. 28, 1936, pegged the lat to sterling at 2,522 lati to £100.
Mexico, decree of Aug. 28, 1936, left the monetary unit, the peso, to be later defined by law.
Switzerland, order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the Swiss franc at a value ranging between 190 and 215 milligrams of fine gold.
Syria, monetary unit, the Syrian pound, has a par value of 20 French francs.
Uruguay, monetary unit, the peso, established by monetary law of Jan. 12, 1938, at 0.585018 gram of pure gold (United States equivalent, $0.6583).

[8] Includes silver bullion.
[9] United States coin and currency also circulate.
[10] United States currency is circulating media.
[11] Silver in circulation not included.
[12] Exclusive of Canadian bank notes which are the principal circulating media.
[13] Includes Tobago.
[14] Data not available.
[15] Includes base metal coin.
[16] As of Oct. 31, 1939.
[17] At average exchange rate for 1939.
[18] Exclusive of British coins and currency which still circulate in Erie.
[19] On Dec. 29, 1939.
[20] On Dec. 7, 1939.
[21] Spanish bank notes and coin also circulate.
[22] On Dec. 27, 1939.
[23] On Dec. 25, 1939.
[24] Average exchange rate for 1939.
[25] Prior years' figures at new equivalents where equivalents other than the legal parity are applicable.
[26] Silver coins in Central Banks only.
[27] Of which 146,113 is legal tender in Burma.
[28] As of November 1939.
[29] As of Nov. 21, 1939.
[30] On June 30, 1939.
[31] Including silver.
[32] Converted from British pounds; and from stated kilograms.
[33] Includes 453,308 British sterling converted to escudos at 110 to the pound.
[34] Includes notes in circulation in Northern Rhodesia and in Nyasaland.
[35] Indo-China notes are the circulating media.
[36] Australian coins and notes are the circulating media.

WORLD PRODUCTION OF GOLD AND SILVER

[The production figures given below are based upon the unpublished data, principally interrogatory replies, in the files of the Bureau of the Mint]

Country	Calendar year 1938						Calendar year 1939 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.43537 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.39395 per ounce)[1]
North America:												
United States	132,046	4,245,377	$148,588,195	1,918,737	61,688,834	$26,857,468	143,717	4,620,602	$161,721,070	1,986,640	63,871,972	$25,162,363
Canada	146,667	4,715,480	165,041,800	689,165	22,157,164	9,646,564	158,478	5,095,176	178,331,160	719,015	23,116,861	9,106,887
Mexico	28,734	922,819	32,333,665	2,519,967	81,018,809	35,273,159	32,842	1,055,894	36,956,290	2,359,840	75,870,574	29,889,213
Newfoundland	750	24,104	843,640	51,900	1,668,622	726,468	632	20,313	710,955	44,200	1,421,060	559,827
Total	308,197	9,908,780	346,807,300	5,179,769	166,533,429	72,503,659	335,669	10,791,985	377,719,475	5,109,695	164,280,467	64,718,290
Central America and West Indies	5,101	[2] 164,000	5,740,000	[2] 133,745	4,300,000	1,872,091	4,798	[2] 154,251	5,398,785	143,868	[2] 4,625,450	1,822,196
South America:												
Argentina	262	8,423	294,805	[2] 116,793	3,755,000	1,634,814	[4] 262	8,423	294,805	122,221	[2] 3,929,501	1,548,027
Bolivia	900	[2] 28,937	1,012,795	[6] 198,243	6,373,660	2,774,900	[5] 639	20,544	719,040	225,232	7,241,376	2,852,740
Brazil	5,977	192,166	6,725,810	794	25,528	11,114	7,272	233,800	8,183,000	[6] 842	27,075	10,666
Chile	9,903	318,389	11,143,615	35,230	1,132,671	493,131	10,110	325,044	11,376,540	41,287	1,327,408	522,932
Colombia	16,196	520,713	18,224,955	5,999	192,872	83,971	17,151	551,417	19,299,595	7,546	242,609	95,576
Ecuador	[6] 2,303	74,042	2,591,470	[6] 2,772	89,111	38,796	2,655	[6] 85,360	2,987,600	3,214	103,331	40,707
Guiana:												
British	1,236	39,728	1,390,480				1,197	38,484	1,346,940			
Dutch (Surinam)	[6] 440	14,146	495,110				[6] 460	14,789	517,615			
French	[6] 1,264	40,638	1,422,330				[6] 1,170	37,616	1,316,560			
Peru	[7] 7,915	254,473	8,906,555	[7] 635,272	20,424,466	8,892,200	8,471	272,349	9,532,215	584,810	18,802,075	7,407,077
Uruguay	20	657	22,995				40	1,279	44,765			
Venezuela	3,576	114,978	4,024,230				4,560	146,607	5,131,245			
Total	49,992	1,607,290	56,255,150	995,103	31,993,308	13,928,926	53,987	1,735,712	60,749,920	985,152	31,673,375	12,477,725
Europe:												
Bulgaria	245	7,877	275,695				250	8,037	281,295			
Czechoslovakia	311	[2] 10,000	350,000	[6] 37,023	1,190,326	518,232	311	[2] 10,000	350,000	31,103	[2] 1,000,000	393,950
Finland	120	3,858	135,030	1,800	57,871	25,195	150	4,822	168,770	1,900	61,086	24,065
France	2,717	87,354	3,057,390	17,573	[6] 565,000	245,984	2,644	[6] 85,000	2,975,000	17,573	[6] 565,000	222,582
Germany[8]	[6] 269	8,650	302,750	218,035	[6] 7,010,000	3,051,944	(10)			217,724	[6] 7,000,000	2,757,650
Great Britain	76	2,428	84,980	3,359	107,985	47,013		6	210	2,203	70,818	27,899
Greece				4,666	[2] 150,000	65,306				4,666	[2] 150,000	59,093
Hungary	176	5,655	197,925	1,450	46,632	20,302	158	5,079	177,765	1,605	51,600	20,328

Italy	[4] 156	5,016	175,560	[4] 25,271	$12,481	353,730	[4] 156	5,016	175,560	27,371	$80,000	346,676
Norway				7,320	235,343	102,461				[4] 7,320	235,343	92,713
Poland				1,936	62,244	27,099				1,866	[5] 60,000	23,637
Rumania	5,364	172,453	6,035,855	25,501	819,876	356,949	5,049	162,319	5,681,165	22,168	712,718	280,775
Spain [11]	62	[4] 2,000	70,000	15,552	[3] 500,000	217,685	62	[4] 2,000	70,000	15,552	[3] 500,000	196,975
Sweden	6,158	197,994	6,929,790	20,013	643,418	280,124	6,221	200,000	7,000,000	[4] 20,013	643,418	253,475
Switzerland	[4] 35	1,125	39,375				45	[4] 1,447	50,645			
Union of Socialist Soviet Republics	[4] 162,855	5,235,909	183,256,815	[5] 249,503	8,021,707	3,492,411	155,517	[5] 5,000,000	175,000,000	217,724	[3] 7,000,000	2,757,650
Yugoslavia	2,435	78,297	2,740,395	78,510	2,524,155	1,098,941	2,224	71,503	2,502,605	71,340	2,293,634	903,577
Total	180,979	5,818,616	203,651,560	707,512	22,747,038	9,903,376	172,787	5,555,229	194,433,015	660,128	21,223,617	8,361,045
Asia:												
British India [12]	10,027	[4] 322,397	11,283,895	184,996	[4] 5,946,794	2,589,056	9,844	316,504	11,077,640	184,841	5,942,794	2,341,164
British Malay States: Federated and Unfederated	1,269	40,794	1,427,790				1,280	41,165	1,440,775			
China [13]	5,847	[5] 188,000	6,580,000	4,665	[3] 150,000	65,305	8,242	[2] 265,000	9,275,000	4,665	[3] 150,000	59,093
Chosen (Korea)	29,500	[4] 948,447	33,195,645	93,310	[3] 3,000,000	1,306,110	30,326	[2] 975,000	34,125,000	93,310	[3] 3,000,000	1,181,850
Cyprus Island	945	30,366	1,062,810	6,221	200,018	87,082	945	[4] 30,366	1,062,810	6,221	[4] 200,018	78,797
Indochina	321	10,320	361,200	75	2,411	1,050	231	7,427	259,945	49	1,575	620
Japan	23,639	[3] 760,000	26,600,000	314,145	[3] 10,100,000	4,397,237	24,883	800,000	28,000,000	342,138	[3] 11,000,000	4,333,450
Netherland East Indies	2,373	76,302	2,670,570	18,013	579,131	252,136	[4] 2,525	81,183	2,841,405	[5] 19,223	618,026	243,471
Philippine Islands	28,095	903,265	31,614,275	36,317	1,167,612	508,343	32,367	1,040,626	36,421,875	41,903	1,350,099	531,872
Sarawak	576	18,520	648,200	52	1,660	723	537	17,261	604,135	22	700	276
Taiwan	4,000	128,603	4,501,105	467	[4] 15,000	6,530	[4] 4,000	128,603	4,501,105	[4] 467	15,000	5,90
Thailand or Siam	424	13,620	476,700				395	12,711	444,885			
Turkey				10,887	[3] 350,000	152,380				10,886	[4] 350,000	137,88
Total	107,016	3,440,634	120,422,190	669,118	21,512,626	9,365,952	115,575	3,715,846	130,054,575	703,815	22,628,212	8,914,385
Oceania:												
Australia:												
New South Wales	2,782	89,446	3,130,610	295,483	9,500,000	4,136,015	2,712	87,189	3,051,615	297,304	9,558,550	3,765,591
Northern Territory	385	12,378	433,230				516	[4] 16,586	580,510			
Queensland	4,710	151,432	5,300,120	109,904	3,533,490	1,538,376	4,580	[4] 147,248	5,153,680	115,329	3,707,908	1,460,730
South Australia	166	[4] 5,292	185,220	15	[4] 503	219	122	[4] 3,930	137,550	17	[4] 541	213
Tasmania	690	22,200	777,000	37,932	[3] 1,219,550	530,955	622	[5] 19,984	699,440	39,754	[4] 1,278,116	503,514
Victoria	4,486	144,243	5,048,505	183	5,898	2,568	4,868	[4] 156,522	5,478,270	195	[4] 6,285	2,476
West Australia	36,322	1,167,791	40,872,685	8,439	[4] 271,346	118,136	37,767	1,214,237	42,498,295	8,940	[4] 287,439	113,237
Fiji	2,873	92,369	3,232,915	385	12,378	5,389	3,421	110,000	3,850,000	385	[4] 12,378	4,876
New Guinea (Australian)	7,345	236,133	8,264,655	4,409	141,760	61,718	7,658	246,214	8,617,490	5,444	175,015	68,947
Papua	1,668	53,632	1,877,120				1,146	[4] 36,838	1,289,330			
New Zealand	4,729	152,060	5,321,750	11,128	357,709	153,736	5,566	178,955	6,263,425	12,141	390,342	153,775
Total	66,156	2,126,966	74,443,810	467,878	15,042,634	6,549,112	68,978	2,217,703	77,619,605	479,509	15,416,574	6,073,359
Africa:												
Algeria				2,799	[4] 90,000	39,183				2,644	[4] 85,000	33,486
Bechuanaland	594	19,111	668,885	35	1,127	491	536	17,218	602,630	25	814	321
Belgian Congo	15,000	482,261	16,879,135	96,950	3,117,014	1,357,054	15,385	494,639	17,312,365	87,090	2,800,000	1,103,060

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1938						Calendar year 1939 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.43537 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.39395 per ounce)
Africa—Continued.												
British West Africa:												
Gold Coast	20,993	674,927	$23,622,445	----	----	----	24,331	782,270	$27,379,450	----	----	----
Nigeria	772	[6] 24,815	868,525	3,110	[6] 100,000	$43,537	746	[6] 23,988	839,580	3,110	[6] 100,000	$39,395
Sierra Leone	947	30,442	1,065,470	40	1,271	553	1,047	33,655	1,177,925	40	[6] 1,271	501
Cameroon	[6] 483	15,529	543,515	----	----	----	[6] 483	15,529	543,515	----	----	----
Egypt	67	2,154	75,390	----	----	----	121	[6] 3,877	135,695	----	----	----
Eritrea	50	[6] 1,600	56,000	----	----	----	1,000	[6] 32,151	1,125,285	----	----	----
Ethiopia (Abyssinia)	800	[14] 25,721	900,235	----	----	----	[6] 500	16,075	562,625	----	----	----
French Equatorial Africa	[6] 1,245	40,028	1,400,980	----	----	----	[6] 1,245	40,028	1,400,980	----	----	----
French West Africa	[7] 3,957	127,220	4,452,700	----	----	----	4,043	130,000	4,550,000	----	----	----
Kenya Colony	2,160	69,436	2,430,260	322	10,340	4,502	2,408	77,444	2,710,540	385	12,394	4,883
Liberia	59	[6] 1,902	66,570	----	----	----	122	3,918	137,130	----	----	----
Madagascar	428	13,760	481,600	----	----	----	435	14,000	490,000	----	----	----
Morocco (French)	233	7,491	262,185	6,500	208,980	90,983	233	[6] 7,491	262,185	9,331	[8] [9] 300,000	118,185
Portuguese East Africa	304	9,785	342,475	56	1,808	787	344	11,063	387,205	[6] 72	2,319	914
Rhodesia:												
Northern	34	[6] 1,113	38,955	2,745	[6] 88,237	38,416	144	4,643	162,505	2,493	80,137	31,570
Southern	25,321	814,078	28,492,730	5,176	166,417	72,453	24,746	795,613	27,846,455	5,398	173,556	68,372
Southwest Africa	56	1,812	63,420	19,794	636,396	277,068	47	1,498	52,395	18,258	587,000	231,249
Sudan	276	8,866	310,310	----	----	----	294	7,510	262,846	----	----	----
Swaziland	39	1,246	43,610	----	----	----	31	983	34,405	----	----	----
Tanganyika	2,546	81,857	2,864,995	507	16,305	7,099	4,055	130,366	4,562,810	871	27,999	11,030
Transvaal, Cape Colony, and Natal	378,262	12,161,392	425,648,720	35,314	1,135,374	494,308	398,794	12,821,507	448,752,745	36,780	1,182,516	465,852
Tunis	----	----	----	1,902	[3] 61,149	26,622	----	----	----	1,866	60,000	23,637
Uganda	638	20,502	717,570	62	1,981	862	470	15,115	529,025	43	1,376	542
Total	455,264	14,637,048	512,296,680	175,312	5,636,399	2,453,918	481,500	15,480,581	541,820,296	168,406	5,414,382	2,132,997
Total for world	1,172,705	37,703,234	1,319,616,690	8,328,437	267,765,434	116,577,034	1,233,294	39,651,307	1,387,795,671	8,259,573	265,262,077	104,499,997

[1] Average price per fine ounce in New York.
[2] Estimate based on imports of ore and bullion into United States and Great Britain, and interrogatory data.
[3] Data from Yearbook of the American Bureau of Metal Statistics.
[4] Prior years' figure.
[5] Estimated or partly estimated.
[6] U. S. Bureau of Mines.
[7] Amount exported.
[8] Conjectural.
[9] Including Austria.
[10] Information not available for 1939.
[11] Including production for Portugal.
[12] Including Burma.
[13] Including Manchuria.
[14] Estimate based on other years' production.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [2]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,854,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,803,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,100,656	191,758,675	251,006,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,115,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1939, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1942

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS DURING THE CALENDAR YEAR 1941

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1942

INCLUDING REPORT ON

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1941

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Director of the Mint

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1942

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 1, 1942.

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1942, being the Seventieth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1941.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1942, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

The mint at New Orleans, originally established in 1835, was discontinued as of June 30, 1942. The appropriation granted for operation of the mints and assay offices during the fiscal year 1943 did not provide funds for operation of the New Orleans Mint.

Coinage

Domestic coin manufactured during the fiscal year ending June 30, 1942, amounting to 2,114,890,662 pieces, exceeded the production of any previous fiscal year in the history of the Government. The nearest approach to this production was 1,599,349,007 pieces in the fiscal year 1941; and during the fiscal year 1940, 768,090,830. As in previous years, the coin most largely produced was the 1-cent piece. The production in 1942, in amount $111,006,180.40, consisted of 449,336,162 subsidiary silver coins, $85,307,259.40; 226,084,400 nickel coins, $11,304,220; and 1,439,470,100 bronze coins, $14,394,701.

Coinage for foreign governments amounted to 281,050,000 pieces, compared with 170,672,500 pieces during the prior year. The foreign coinage consisted of silver and bronze coins for Australia, Netherlands Government, and Peru.

The grand total of domestic and foreign coins made in 1942 amounted to 2,395,940,662 pieces, an increase of 625,919,155 over the prior year.

Minor Coinage Alloys

Manufacture of the nickel-copper 5-cent coin was discontinued in May 1942 by reason of the need of those metals for other uses in connection with the war effort. The Second War Powers Act, 1942 (March 27, 1942) contained provision for a 5-cent coin of half silver and half copper, with authority to vary those proportions and to add other metals if in the public interest. An effect of this law would be to save for war use all the nickel and one-third the copper contained in the alloy previously used—25 percent nickel and 75 percent copper. A satisfactory alloy for the 5-cent coin—one that would produce a coin acceptable for operating the many vending and slot machines in use, as well as for other purposes—had not been determined upon at the end of the fiscal year.

At the end of the year consideration was also being given the subject of substitutes for the alloy in the 1-cent coin—95 percent copper, 5 percent tin and zinc, and to other measures for conserving, for war use, metals heretofore used in manufacture of coin.

Bullion Deposit Transactions

The number of bullion deposit transactions during the year totaled 35,521, including 83 inter-mint-service transactions, as compared with 48,147 and 75, respectively, during the prior year. The deposit transactions required 52,406 assay determinations, which compares with 74,716 assay determinations during the prior year.

Transfer of Bullion for Long-Term Storage

Refined gold bullion having a value of approximately $1,004,500,000 was transferred during the fiscal year 1942 from the New York Assay Office to the bullion depository at Fort Knox, and approximately $1,189,900,000 in refined, and unrefined, gold bullion was transferred from the mint at San Francisco to the mint at Denver for long-term storage.

The balance of silver bullion in the bullion depository at West Point remained unchanged at 1,542,697,791 fine ounces, all of which was transferred from Government buildings and rented quarters in New York City since completion of the depository in 1938.

Silver bullion, in quantity 4,817,828 fine ounces, was delivered in June 1942 to the Defense Plant Corporation under the terms of a contract dated May 6, 1942, providing (in effect) for loan of about one billion ounces of silver to be used as a substitute for copper or other strategic materials in plants that are engaged in, or are essential to, the war effort. Its principal use is understood to be in busbars, for transmission of electric current. This silver is to be returned to Treasury custody under the terms of the contract, after it has performed its function.

Gold Operations

Gold acquisitions by the mints and assay offices during the year, stated on the usual basis of classified melted receipts, amounted to

$664,440,587; receipts from other Treasury offices of domestic coin melted during the year amounted to $470,600; and transfers between mint-service institutions amounted to $2,226,584,768. These transactions total $2,891,495,955, compared with $12,938,276,121 for the prior year.

The acquisitions include $10,854 of gold received at $20.67+ per fine ounce. The increment on this gold amounted to $7,523.

Silver Operations

The Government's acquisitions of silver during the year totaled 122,712,671 fine ounces, at an average cost of 57.2 cents per fine ounce and a total cost of $70,230,843. The acquisitions consist of the following:

Item	Amount (fine ounces)	Cost
Newly mined domestic silver	68,512,907.50	$48,681,543.77
Purchase Act silver	53,414,124.16	21,282,146.90
Silver contained in gold bullion deposits, etc	257,495.27	87,582.83
Silver received in exchange for Government-stamped bars	528,144.23	179,569.09
Total	122,712,671.16	70,230,842.59

United States coin received for recoinage totaled 1,828,660 fine ounces, with a recoinage value of $2,527,955. Silver deposited by other governments, for foreign coinage, totaled 7,345,556 fine ounces. Silver transfers between mint-service institutions totaled 4,625,656 fine ounces. These items plus the silver acquired during the year brought the total transactions in silver to 136,512,543 fine ounces, compared with the prior year's total of 273,974,554.

During the year 1942, $69,934,545 of silver certificates were issued against 54,090,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 63+ cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is $35,458,194, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1942 averaged $0.35284. The price remained unchanged at $0.35062 from July 1, 1941, to November 28, 1941, when it advanced to $0.35437, which price prevailed, without change, through June 30, 1942.

For newly mined domestic silver a return to the depositor of $0.7111+ per fine ounce, established by the act of July 6, 1939, prevailed during the fiscal year 1942.

Refineries

The electrolytic refineries produced during the year 7,749,270 fine ounces (265.7 tons) of electrolytically refined gold bullion and 6,272,610 fine ounces (215.1 tons) of silver bullion. During the prior year the quantities produced were 7,508,837 fine ounces (257.4 tons) of gold and 5,073,331 fine ounces (173.9 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions decreased during the fiscal year 1942 by approximately 99.5 tons, leaving a total of 2,051.6 tons. There was an increase in 1941 of about 78.1 tons.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1942, the estimated stock of domestic coin in the United States was $1,301,639,122, of which $547,077,254 was standard silver dollars, $529,814,276 subsidiary silver coin, and $224,747,592 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $22,736,704,552, an increase of $112,506,840, and the stock of silver bullion was 2,524,328,815 fine ounces, an increase of 33,194,358.

Production of Gold and Silver

Domestic gold production during the calendar year 1941 was 5,976,419 fine ounces, with a monetary value of $209,174,600, compared with 6,003,105 fine ounces, with a monetary value of $210,108,700 in 1940, which was the previous year of largest production.

Domestic silver production during the calendar year 1941 totaled 72,336,029 ounces. This compares with 69,585,734 ounces for 1940 and with the record production of 74,961,075 fine ounces for 1915.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1941 is estimated at $67,977,110. Gold returned from industrial use amounted to $30,975,490. These items give a net industrial consumption of new gold during the year of $37,001,620, compared with $13,306,032 during the calendar year 1940.

Silver used in the arts is estimated at 92,793,574 fine ounces, of which 72,432,318 fine ounces were new material.

Compared with the prior year, there was an increase in gold consumption of approximately 765,700 ounces and an increase in silver consumption in industry of about 25,700,000 ounces.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1942 totaled $3,512,840; the First Deficiency Appropriation Act of February 21, 1942, provided $1,895,900, $500,000 of which was for special movements of bullion during the fiscal year 1942, to remain available until June 30, 1943; the Third Supplemental National Defense Appropriation Act, 1942, provided $6,335; and reimbursements to appropriations for services rendered amounted to $1,107,534.64, making a total of $6,522,609.64.

Expenses amounted to $6,294,712, of which $5,847,733 was chargeable to appropriations and $446,979 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $69,025,597, of which $65,583,203 was seigniorage. The seigniorage on subsidiary silver coin was $42,354,043, and on minor

coin, $23,229,160. Extraordinary income aggregated $35,465,717, of which $35,458,194 was seigniorage on silver bullion revalued to $1.29+ per ounce, and $7,523 was the increment to $35 per ounce on revalued gold.

General Activities

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1942, and number of employees on June 30, 1942, at each institution are shown in the following table:

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1942

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Employees, June 30, 1942
Philadelphia	4,258	5,702	$18,445,203	$42,676,525	$2,784,974	+$39,891,551	958
San Francisco	14,742	16,413	223,177,687	12,300,971	1,396,562	+10,901,409	438
Denver	4,115	6,686	1,260,128,693	12,710,772	1,079,466	+11,631,306	396
New York	8,359	18,971	523,163,950	1,249,344	734,669	+514,675	220
New Orleans	866	866	417,157	4,376	38,926	−34,550	
Seattle	3,181	3,768	26,315,672	83,609	47,457	+36,152	14
Fort Knox			1,004,487,044		76,356	−76,356	36
Total	35,521	52,406	3,056,135,406	69,025,597	6,160,810	+62,864,787	2,062
Bureau of the Mint					133,903	−133,903	50
Grand total	35,521	52,406	3,056,135,406	69,025,597	6,294,713	+62,730,884	2,112
Prior fiscal year	48,147	74,716	13,153,340,866	51,653,974	6,871,718	+44,782,256	2,428

[1] Includes interinstitution transactions, $2,232,565,414.

Domestic Coinage

Details of coinage executed during the fiscal year ending June 30, 1942, follow:

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars	$15,876,565.00	$6,076,000.00	$6,428,000.00	$28,380,565.00	56,761,130
Quarter dollars	18,776,752.00	5,186,000.00	5,485,900.00	29,448,652.00	117,794,608
Dimes	13,918,042.40	5,593,000.00	5,967,000.00	27,478,042.40	274,780,424
Total silver	50,571,359.40	16,855,000.00	17,880,900.00	85,307,259.40	449,336,162
Minor:					
5-cent nickels	7,924,220.00	1,439,000.00	1,941,000.00	11,304,220.00	226,084,400
1-cent bronze	10,702,301.00	1,471,700.00	2,220,700.00	14,394,701.00	1,439,470,100
Total minor	18,626,521.00	2,910,700.00	4,161,700.00	25,698,921.00	1,665,554,500
Total domestic coinage	69,197,880.40	19,765,700.00	22,042,600.00	111,006,180.40	2,114,890,662
Prior year:					
Total coinage, value	$51,679,270.07	$11,012,850.00	$12,295,300.00	$74,987,420.07	
Total coinage, pieces	1,193,923,207.00	187,961,000.00	217,464,800.00		1,599,349,007

Coinage by the United States for Other Countries

The coinage for other countries during the fiscal year 1942 totaled 281,050,000 pieces, as compared with 170,672,500 pieces during the prior fiscal year, as follows:

Country	Philadelphia	San Francisco	Total
Australia: Silver		15,500,000	15,500,000
Netherlands Government:			
East Indies:			
Silver	17,997,000	136,643,000	154,640,000
Bronze	100,000,000		100,000,000
Curaçao:			
Silver	800,000		800,000
Bronze	500,000		500,000
Surinam:			
Silver	1,600,000		1,600,000
Bronze	1,000,000		1,000,000
Peru: Bronze	7,010,000		7,010,000
Total coinage	128,907,000	152,143,000	281,050,000
Prior fiscal year, total coinage	62,112,500	108,560,000	170,672,500

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine-gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1942, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1941:		1942—Continued.	
July	$27,000.18	March	$94,846.94
August	21,207.51	April	111,888.83
September	35,291.90	May	62,291.69
October	594,391.90	June	579,282.27
November	217,153.11		
December	69,819.84	Total	1,871,068.75
1942:			
January	66,653.34	Prior fiscal year	307,134.36
February	61,260.18		

SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	90,419,095	90,401,253	73,173,677	135,628		17,842	0.2438
Coining	67,045,731	67,014,054	65,677,267	67,046		31,677	.4823
San Francisco Mint:							
Melting and refining	594,207,048	594,237,024	38,851,288	891,310	29,976		
Coining	37,235,494	37,225,765	37,067,490	37,235		9,729	.2625
Denver Mint:							
Melting and refining	27,513,681	27,529,517	25,071,491	41,271	15,836		
Coining	21,001,222	20,999,390	20,246,187	21,001		1,832	.0905
New York Assay Office: Melting and refining	11,028,455	11,038,371	7,907,423	16,543	9,916		
Total melting and refining	723,168,279	723,206,165	145,003,879	1,084,732	[1] 37,886		
Total coining	125,282,447	125,239,209	122,990,944	125,282		43,238	.3515
Grand total	848,450,726	848,445,374	267,994,823	1,210,034		[1] 5,352	.0199

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	30,392,848	30,171,594	25,380,306			221,254	8.7175
Coining	42,149,584	42,139,554	34,119,544			10,030	.2939
San Francisco Mint:							
Melting and refining	13,033,323	12,984,178	5,947,837			49,145	8.2626
Coining	7,711,960	7,694,886	7,707,646			17,074	2.2152
Denver Mint:							
Melting and refining	9,810,204	9,788,302	9,810,204			21,902	2.2326
Coining	9,137,181	9,133,995	9,137,181			3,186	.3486
Total melting and refining	53,236,375	52,944,074	41,138,347			292,301	7.1053
Total coining	58,998,725	58,968,435	50,964,371			30,290	.5943
Grand total	112,235,100	111,912,509	92,102,718			322,591	3.5025

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	202,428,804	200,992,517	190,903,804			1,436,287	7.5236
Coining	223,748,904	223,645,927	215,802,971			102,977	.4772
San Francisco Mint:							
Melting and refining	25,805,536	25,732,532	21,772,667			53,004	2.4344
Coining	23,725,738	23,721,485	23,719,889			4,253	.1793
Denver Mint:							
Melting and refining	37,301,937	37,227,806	37,301,037			73,231	1.9632
Coining	34,404,315	34,397,493	31,409,333			6,822	.2172
Total melting and refining	265,536,377	263,972,855	249,977,508			1,562,522	6.2506
Total coining	281,878,957	281,764,905	270,932,193			114,052	.4210
Grand total	547,414,334	545,737,760	520,909,701			1,676,573	3.2185

[1] Net.

Refined issue-bars manufactured, fiscal year 1942

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	190	11,161	$390,635	18	2,948
San Francisco	12,327	4,943,247	173,013,645	1,442	17,664
Denver	4,142	2,164,922	75,772,270		
New York	41,014	15,427,535	539,963,725	3,958	2,003,676
Total	57,673	22,546,865	789,140,275	5,418	2,024,288

Sweeps cellar operations, fiscal year 1942 (includes crushed, discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	83	8,300	104.308	27,853.38	87.591	19,013.72
Refinery	San Francisco	618	44,216	340.452	1,366.98	1,320.581	3,965.49
Do	Denver	1,064	82,442			423.542	3,626.94
Do	New York	1,546	124,207			2,079.535	5,323.27
Coining department	Philadelphia	32	3,200			1.574	1,615.90
Do	Denver	12	873			5.361	233.89
Deposits division	Philadelphia	25	2,500			304.156	813.91
Do	Denver	184	15,714			106.703	233.20
Do	New York	241	15,008			277.656	360.20
Total		3,805	296,460	444.760	29,220.36	4,606.699	35,206.54

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1942 amounted to $284,915.88, as follows:

Item	Mint at—			Assay office at New York	Minor Assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$5,122.43	$180,308.69	$18,848.06	$41,594.64		$245,873.82
Recovered incident to receipt of bullion deposits	2,564.12	6,718.15	7,987.80	49,176.55	$12,743.75	79,190.37
Gains on lightweight and mutilated coins received for recoinage	19.01	25.03	7.29	.22		51.55
Gain on bullion shipments (net)					1,231.03	1,231.03
Total gains	7,705.56	187,051.87	26,843.15	90,771.41	13,974.78	326,346.77
Wasted in refining and coining operations	37,020.87	3,729.79	680.23			41,430.89
Net gains	[1] 29,315.31	183,322.08	26,162.92	90,771.41	13,974.78	284,915.88

[1] Net loss.

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1942, was $54,312.93. A loss of $5,027.18 occurred from the difference between the assay value of the bullion

contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay Office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage: Coining department	$23,179.67	$3,729.79	$680.23		$27,589.69
Nickel wastage:					
Melting and refining department	5,612.32	500.41	271.01		6,383.74
Coining department	254.41	173.86	39.42		467.69
Bronze wastage:					
Melting and refining department	17,520.91	452.78	615.85		18,589.54
Coining department	1,188.57	36.33	57.37		1,282.27
Loss on sale of sweeps	1,574.25	2,257.29	1,000.66	$194.98	5,027.18
Total wastage and loss	49,330.13	7,150.46	2,664.54	194.98	59,340.11
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	24,576.21	1,163.38	983.65		26,723.24
Silver departmental wastage offset by other departmental surpluses	5,122.43	3,729.79	680.23		9,532.45
Other wastages and loss on sweeps, from appropriations	19,631.49	2,257.29	1,000.66	194.98	23,084.42
Total reimbursements	49,330.13	7,150.46	2,664.54	194.98	59,340.11

Employees

The total number of officers and employees of the Mint Service on June 30, 1942, was as follows:

Institution	Established under act of—	Employees, by departments									Total	
		General										
		Miscellaneous	Custodial: Guards	Custodial: Other	Mechanical	Deposits division	Engraving	Assaying	Coining	Melting and refining	June 30, 1942	June 30, 1941
Bureau of the Mint	Feb. 12, 1873	50									50	53
Philadelphia Mint	Apr. 2, 1792	66	69	39	85	20	18	12	476	173	958	1,207
San Francisco Mint	July 3, 1852	82	22	2	31	25	....	19	168	89	438	487
Denver Mint	Apr. 21, 1862	20	39	6	31	8	....	10	139	137	390	392
New York Assay Office	Mar. 3, 1853	30	38	15	10	38	....	25	....	49	205	208
West Point Depository	June 22, 1936[2]	....	14	1	....	....	....	....	....	....	15	14
New Orleans Mint[1]	Mar. 3, 1835	....	....	....	....	....	....	....	....	....	....	19
Seattle Assay Office	May 21, 1898	4	2	....	....	4	....	4	....	....	14	19
Fort Knox Depository	Aug. 13, 1935[1]	3	29	4	....	....	....	....	....	....	36	38
Total 1942		261	213	67	157	95	18	70	783	448	2,112	....
Total 1941		242	207	62	150	104	15	80	934	634	....	2,428

[1] Conducted as an assay office since 1910. Discontinued June 30, 1942. The appropriation granted for operation of the mints and assay offices during the fiscal year 1943 did not provide funds for operation of the New Orleans Mint.

[2] Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin for 1941

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The

purpose is to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 11, 1942, reported the following results of their examination of the 1941 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved were made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

A substantial number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number designated on each envelope.

The committee on assaying has completed the assays on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1941 by the United States Mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1941.

The results of assays upon coins and mass melts of coins are satisfactory, being well within the legal limits of tolerance, which is three one-thousandths for silver coin.

The highest and lowest assays on individual silver coins were as follows:

	Highest	*Lowest*
Philadelphia Mint	900. 8	898. 6
San Francisco Mint	900. 4	898. 9
Denver Mint	900. 6	898. 6
Mass melts:		
Philadelphia Mint	899. 5	
San Francisco Mint	899. 3	
Denver Mint	899. 1	

The committee on weighing reports that it has weighed a total of 146 coins, comprising 96 coins from the Philadelphia Mint, 27 coins from the Denver Mint, and 23 coins from the San Francisco Mint. These coins were selected at random; however, with respect to the number of coins selected, an effort was made to proportion the selections from the several mints approximately according to their total productions, and to proportion the selections of the three denominations of coins minted approximately according to the production of each denomination at each mint.

The coins were weighed directly against a set of coin weights and grain weights tested and certified by the National Bureau of Standards and delivered under seal to the chairman of the committee on weighing, values of less than 0.1 grain being determined by means of the rider weights on the beam of the balance. Before any weighings were made, the balance used in the weighings was tested for sensitiveness and equality of arms and for the accuracy of its rider indications, and it was found to be well suited to the weighing of the coins to the desired precision of 0.01 grain.

The weights of all coins weighed were determined to a precision of 0.01 grain, and all individual deviations from nominal values were found to be within the legally established tolerances.

The following table shows the deviations from the standard values of the heaviest and lightest coins of each denomination from each mint as determined from the individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
1941	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1.5	0.88	0.66	0.27	0.71	1.35	0.01
Quarter dollar	1.5	0.82	0.79	0.18	0.72	0.80	0.85
Dime	1.5	0.53	0.74	0.74	0.38	0.64	0.39

Considering the entire group of 146 coins weighed, it was found that the average deviation with regard to sign was 0.033 grain; that is, the difference between the total excess of the heavy coins and the total deficiency of the light coins represented an average of 0.033 grain per coin. The average deviation without regard to sign was 0.294 grain.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ending June 30, 1942, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1941

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1941

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1941 is estimated to have been 5,976,419 fine ounces, valued at $209,174,600, and the production of silver as estimated at 72,336,029 fine ounces, valued at $51,438,954. A comparison of these figures with those of 1940 indicates about 27,000 fine ounces decrease in production of gold and approximately 2,750,000 ounces increase in silver production.

California maintained in 1941 its position of being the State of largest gold production, with 1,431,637 ounces. The Philippine Islands, about 1,144,000 ounces; Alaska, 696,000, and South Dakota, 612,000, followed, in order. South Dakota made the largest increase over the prior year, by about 25,000 ounces, with Utah 20,000 ounces and Arizona and Colorado 18,000 ounces each. The largest decrease occurred in Alaska, about 59,000 ounces, with Montana, 21,000 ounces, and Oregon, 18,000 ounces.

The State of largest silver production in 1941 was Idaho, with about 17,000,000 ounces; Utah, 13,000,000, and Montana, 12,700,000 followed, in order. The largest increase over 1940 production occurred in Arizona, about 1,580,000 ounces, Utah ranking second, 1,375,000 ounces. The largest reduction occurred in Colorado, about 740,000 ounces.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The production of gold from ores and gravels in Alaska in 1941 was 695,467 fine ounces, valued at $24,341,345, which has been exceeded

only once (by the peak year of 1940), according to Charles W. Henderson and A. J. Martin, United States Department of the Interior, Bureau of Mines.

As there are no smelters or refineries in Alaska, the bulk of the gold produced in 1941 was in the form of bullion and dust sent to the United States mints and assay offices, either direct or through banks and bullion buyers located at the large centers throughout Alaska. The rest was contained in high-grade ores and concentrates sent to the Selby (Calif.), and Tacoma (Wash.) smelters.

Forty-seven floating connected-bucket dredges produced 44 percent of the total gold output. The United States Smelting, Refining & Mining Co., operating eight dredges at Fairbanks and four at Nome, was the largest producer of gold from this source in the Territory.

Seven hundred fifty-two placer mines worked by dragline and dry-land dredges, bulldozers and hydraulic giants, drifting, and sluicing together yielded 27 percent of the total gold in 1941.

Fifty-six lode mines produced 29 percent of the total Alaska output of gold. The Alaska Juneau Gold Mining Co., at Juneau, continued to be the largest producer of lode gold, and the Alaska-Pacific Consolidated Mining Co., operating in the Willow Creek District, was second. Ore-reduction mills active in Alaska in 1941 included the 12,000-ton Alaska Juneau amalgamation-table concentration-flotation mill and about 45 other mills (chiefly amalgamation or cyanidation mills, with supplementary concentrating equipment) with reported daily capacities ranging from 2 to 72 tons. Of the 4,480,508 tons of crude ore produced, over 99.99 percent was dry and siliceous ore, and only 0.003 percent was copper ore.

The output of silver, 191,522 fine ounces, valued at $136,193, was produced as a byproduct of gold mining in 1941. Lode mines produced 65 percent of the total, dredges 20 percent, and placers 15 percent.

The total production of gold and silver in Alaska, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1880 to the end of 1941, has been 25,152,030 fine ounces of gold valued at $593,335,652 and 19,562,668 fine ounces of silver valued at $13,915,671.

ARIZONA

The value of the production of gold, silver, copper, lead, and zinc from mines in Arizona was $97,638,310 in 1941 compared with $82,167,759 in 1940—an increase of 19 percent; it was the greatest since 1929, when the total value was $155,567,133, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. There were substantial increases in both quantity and value of each of the five metals in 1941. The total value of the gold was $11,038,720, a 7-percent gain over 1940, and silver $5,332,096, a 6-percent gain. The value of the gold production represented 11 percent of the State total, silver 5 percent, copper 79 percent, lead 2 percent, and zinc nearly 3 percent. The total value of metals recovered from copper ore was $84,957,995 in 1941 or 87 percent of the State total. The output of placer gold (11,931 fine ounces) was the largest for any year since records were established in 1901 and resulted chiefly from the operations of two dragline floating dredges in Yavapai County.

The output of recoverable gold in Arizona in 1941 was 315,392 fine ounces, an increase of 7 percent over 1940. Gold from siliceous ores (chiefly dry and siliceous gold ore) and zinc-lead ore was virtually the same as in 1940, but gold from copper ore increased 13,778 ounces and that from lead ore 1,234 ounces. Gold from placers increased 5,690 ounces; 84 percent of the total placer gold was recovered by dragline dredging at properties on Big Bug Creek and Lynx Creek in Yavapai County. Siliceous ores yielded 46 percent of the State total gold, copper ore 45 percent, and zinc-lead ore 4 percent. Gold recovered from ores amalgamated amounted to 887 ounces, from ore and old tailings cyanided 77,627 ounces, from concentrates smelted 114,974 ounces, from crude ore sent direct to smelters 109,972 ounces, and from placers 11,931 ounces. The chief gold-producing districts in Arizona were the Warren (mostly copper ore), San Francisco (nearly all gold ore), Ajo (copper ore), Verde (mostly copper ore), Old Hat (nearly all gold ore), Weaver (Yavapai County) (gold ore), and Big Bug (mostly zinc-lead ore and placer gold). The Copper Queen (Bisbee) branch of the Phelps Dodge Corporation continued to be the leading gold producer in Arizona, and it was followed by the New Cornelia mine in Pima County, the Mammoth-St. Anthony Limited property in Pinal County, the Goldroad mine (United States Smelting, Refining & Mining Co.) in Mohave County, and the United Verde mine in Yavapai County. These five properties produced more than 58 percent of the State total output. Other large gold producers were the Magma mine in Pinal County, the Octave mine (American Smelting & Refining Co.) in Yavapai County, the Shattuck Denn mine in Cochise County, the Iron King mine in Yavapai County, the Tyro mine (Gold Standard Mines Corporation) in Mohave County, and the Congress property in Yavapai County.

The total gold production in the State of Arizona from 1860 to 1941, inclusive, in terms of recovered metals, has been 10,174,289 ounces.

The output of recoverable silver in Arizona in 1941 was 7,498,260 fine ounces—an increase of 6 percent over 1940. Silver from siliceous ores declined 182,504 ounces and that from zinc-lead ore 48,992 ounces, but silver from copper ore increased 542,672 ounces, that from lead ore 62,609 ounces, and that from zinc-copper ore 32,600 ounces. Copper ore yielded 67 percent of the State total silver, siliceous ores 16 percent, zinc-lead ore 12 percent, zinc-copper ore 3 percent, and lead ore 2 percent. The Phelps Dodge Corporation continued to be the chief silver producer in Arizona, and its output was 17 percent greater than in 1940; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 40 percent of the State gold output, 54 percent of the silver, and 53 percent of the copper. Other large silver producers in Arizona in 1941 were the Magma, Shattuck Denn, Trench-Flux, Iron King, and Iron King-Equator properties. The chief silver-producing districts were the Warren (Bisbee), Verde (Jerome), Pioneer (Superior), Ajo, Harshaw, Big Bug, and Wallapai (Chloride); more than 56 percent of the total silver came from the Warren and Verde districts.

The total silver production for the State of Arizona, in terms of recovered metal, from 1860 to 1941, inclusive, has been 268,688,038 ounces.

CALIFORNIA

The gold output of California (in terms of recovered metal) in 1941 again exceeded that of the Philippine Islands, Alaska, and South Dakota, the other leading domestic producers in order of production, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. After an uninterrupted rise from 1929 to 1940, the quantity and value of California gold production in 1941 fell below that of the preceding year. The reversal in trend was due entirely to the decline in lode mining; placer-gold output continued to rise and exceeded that for any year since 1862.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1941 was 1,408,793 fine ounces valued at $49,307,755 compared with a production of 1,455,671 ounces valued at $50,948,485 in 1940; the decrease in both quantity and value was 3 percent. In 1941, 835 lode mines produced 690,780 ounces of gold valued at $24,177,300, and 724 placer mines produced 718,013 ounces of gold valued at $25,130,455. Placer mines supplied 51 percent and lode mines 49 percent of the total in 1941 compared with 48 percent for placer mines and 52 percent for lode mines in 1940; this was the first year since 1927 in which gold output from placers exceeded that from lode mines. Of the gold derived from lode operations, 94 percent was recovered from dry gold ore, 4 percent from dry gold-silver ore, and most of the remainder from copper ore. The importance of free-milling gold ore in California is indicated by metallurgical data, which show that 41 percent of the lode gold in 1941 (45 percent in 1940) was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates represented 34 percent (32 percent in 1940); smelting of concentrates, 23 percent (22 percent in 1940); and smelting of ore, 2 percent (1 percent in 1940).

Dredging was the leading method of working placer deposits, both as to the yardage of gravel treated and the quantity of placer gold recovered. Floating dredges of the connected-bucket type handled 135,757,000 cubic yards of gravel and recovered 418,282 ounces of gold valued at $14,639,870, or 58 percent of the placer gold produced in the State in 1941. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) handled 45,579,000 yards of gravel, which yielded 225,019 ounces of gold valued at $7,875,665. Nonfloating washing plants to which gravel was delivered by mechanical means treated 5,656,000 yards of gravel and recovered 28,703 ounces of gold valued at $1,004,605. Hydraulic mines produced 10,145 ounces of gold valued at $355,075 derived from 2,886,000 yards of gravel; 90,000 yards of gravel from drift mines were treated, from which 4,635 ounces of gold valued at $162,225 were recovered. Small-scale, hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in the production of 29,222 ounces of gold valued at $1,022,770. Increases in 1941 compared with 1940 were recorded from all sources except hydraulic mines, small-scale hand operations, and drift mines.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county in the State. Despite a 10-percent decline in gold output in 1941 compared with 1940, the county yielded 20 percent of the State total gold and 39 percent of the State lode gold in 1941. The high

rank in gold production of Sacramento, Yuba, Butte, Siskiyou, Merced, Trinity, and Stanislaus Counties was attained largely from the output of placer gold, principally the product of connected-bucket and dragline dredges. Amador, Calaveras, Eldorado, and Mariposa Counties on the Mother Lode were important gold producers. Large gold outputs were also recorded for Kern, Shasta, Placer, and Plumas Counties.

The principal gold-producing mines in California in 1941, listed by operators and in order of output, were the Idaho Maryland Mines Corporation, Nevada County (gold ore); Natomas Co., Sacramento County (dredge); Empire Star Mines Co., Ltd., Nevada County (gold ore); Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Yuba Consolidated Gold Fields (Butte unit), Butte County (dredge); Central Eureka Mining Co., Amador County (gold ore); Capital Dredging Co., Sacramento County (dredge); Golden Queen Mining Co., Kern County (gold ore); and Carson Hill Gold Mining Corporation, Calaveras County (gold ore).

Output of silver from California ores, gravels, and retreated tailings in 1941 was 2,154,188 fine ounces valued at $1,531,867 compared with a production of 2,359,776 ounces valued at $1,678,063 in 1940. Of the lode silver, 46 percent was derived from dry gold ore, 35 percent from dry gold-silver ore, 9 percent from copper ore, 8 percent from lead ore, and 2 percent from dry silver ore, tungsten ore, zinc ore, and lead-copper ore. A small quantity of silver was recovered as a byproduct of gold dredging. Smelting of flotation concentrates accounted for 45 percent of the lode silver recovered in the State; 37 percent was recovered by cyanidation of ore, old tailings, sands, slimes, and concentrates; 14 percent by direct smelting; 3 percent by amalgamation of ore and old tailings; and 1 percent by the smelting of gravity concentrates.

The principal silver-producing mines in California in 1941, listed by operators and in order of output, were the Cactus Mines Co., Kern County (gold-silver ore); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Golden Queen Mining Co., Kern County (gold ore); Lodestar Mining Co., Kern County (gold ore); Walker Mining Co., Plumas County (copper ore); and Shoshone Mines, Inc., Inyo County (lead ore).

CENTRAL STATES

The mine output of silver from the Central States in 1941 was 448,824 ounces valued at $319,164 compared with 353,737 ounces valued at $251,546 in 1940, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. No gold was recovered from mines in the Central States in 1941; the 5 ounces produced in 1940 came from a placer prospect in Vigo County, Ind. Of the total silver produced in 1941, 367,688 ounces were recovered in the refining of lead bullion obtained from southeastern Missouri lead concentrates; 60,796 ounces in the refining of copper bullion shipped from smelters in Michigan to eastern electrolytic refineries, and 20,340 ounces were contained in galena concentrates recovered in the milling of zinc-lead ore and fluorspar from Illinois.

COLORADO

Gold recovered in Colorado in 1941 totaled 380,029 fine ounces valued at $13,301,015, a 3-percent increase over 1940, and the highest production in the State since 1924, according to Charles W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines.

Of the 2,222,786 tons of crude ore mined, 1,970,253 tons were treated by mills in Colorado—1,379,077 tons were treated in company mills at mines and dumps, 532,127 tons by the Golden Cycle Custom roast-amalgamation-cyanidation-flotation mill at Colorado Springs, 59,049 by custom concentration mills in or near the mining districts. Gold was exceeded in value in Colorado in 1941 only by molybdenum.

The Cripple Creek district, Teller County, continued to be the principal gold-producing district in the State; it was followed, in order, by the Redcliff district, Eagle County; Upper San Miguel, San Miguel County; Mosquito, Park County; Leadville, Lake County; Animas, San Juan County; Summitville, Rio Grande County; Empire, Clear Creek County; Southern districts, Gilpin County; Idaho Springs, Clear Creek County; Gold Hill, Boulder County; Sneffels, Ouray County; and Fairplay, Park County—each of which yielded more than 10,000 ounces of gold. Dry and siliceous ores yielded 80 percent of the total gold; copper ore 7 percent; zinc-lead, lead, and lead-copper ores 5 percent; and placers 8 percent.

The output of 579 operating lode mines varied but little from 1940, but that from 324 placers increased 13,377 ounces (79 percent), owing mainly to production made from new dredging operations in Park County. The quantity of gravel handled in 1941 by 2 floating connected-bucket dredges, 1 dragline floating dredge, and 31 dry-land dredges was approximately 5,322,300 cubic yards averaging 18.74 cents to the yard. Specific data on yardage handled at the 290 small-scale placer operations are not obtainable.

The production of silver in 1941, in terms of recovered metals, was 7,301,697 fine ounces valued at $5,192,318. Eagle County continued to be much the largest silver producer, yielding 60 percent of the State total, followed by Mineral with 12 percent, San Juan 7 percent, and San Miguel 6 percent. Copper ore yielded 59 percent; dry and siliceous 30 percent; other types of ore, together with a small quantity of silver from placer mines, 11 percent.

The total production of gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1858 to 1941, inclusive, has been 38,296,755 fine ounces of gold valued at $834,263,389 and 717,950,564 fine ounces of silver valued at $558,481,176. Colorado has produced more silver (lode and placer combined) than any other State and more lode gold.

EASTERN AND APPALACHIAN STATES

The mine output of recoverable gold in the Eastern and Appalachian States in 1941 was 21,982 fine ounces valued at $769,370, an increase of 19 percent over 1940 and the highest recorded for both quantity and value since 1882, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The total number of mines contributing to the output of gold in 1941 was

41, of which 27 were lode and 14 were placer mines. Lode mines yielded 21,779 ounces of gold and placers 203 ounces.

The old Haile mine near Kershaw, S. C., was again the leading producer of gold in the Eastern States. The mine has been operated continuously by Haile Gold Mines, Inc., since completion in June 1937 of a new 125-ton cyanide mill (capacity later increased to about 400 tons daily), and the output of gold in 1941 was higher than in any of the 4 preceding years. Other producers (small) in South Carolina comprised the Funder Bunk mine and the Mineral Mining Corporation properties in Lancaster County; the Dorothy, Ross-Carroll, and Terry in York County; and the Oro at Pageland, Chesterfield County. The State output of gold was 15,508 ounces compared with 13,076 ounces in 1940.

Gold production in North Carolina increased from 1,943 ounces in 1940 to 3,244 ounces in 1941. The Condor (old Howie) mine near Waxhaw in Union County, operated under lease by Hugh Jardine, was the principal producer of gold in the State in both years; milling of the ore at the Capps mill, Charlotte, was discontinued in January 1941, and a counter-current cyanide mill was erected on the Condor property and operated continuously from July 15 to the end of the year. Some gold was recovered from copper ore from the Fontana mine in Swain County and from gold ore from the Chapman in Burke County, the Hoover Hill in Randolph County, and a prospect near Ranger, Cherokee County. Small placers in Halifax and McDowell Counties yielded 6 ounces of gold.

Pennsylvania produced 2,422 ounces of gold in 1941, all of which was recovered as a byproduct from copper concentrates derived from magnetite-pyrite-chalcopyrite ore from the Cornwall mine in Lebanon County.

The other Eastern States producing gold in 1941 were: Georgia (311 ounces), chiefly from the Barlow placer, and the Lockhart and McDonald lode mines in Lumpkin County, and the Russell mine in Paulding County; Virginia (240 ounces), from the Redbank mine near Virgilina, Halifax County, and the Ruth placer in Goochland County; Tennessee (227 ounces), all recovered in the refining of copper bullion from the smelter at Copperhill; and Alabama (30 ounces), from tailings from the Hog Mountain mill dump near Alexander City, Tallapoosa County, and crude ore from the Gold Log mine in Talladega County.

Dry and siliceous ore and old tailings milled aggregated 152,471 tons, of which 149,123 tons treated by cyanidation yielded 18,323 fine ounces of gold, and 3,348 tons treated by amalgamation yielded 418 ounces. Gold ore shipped crude to smelters totaled 362 tons containing 292 ounces of gold.

The mine output of silver in the Eastern States in 1941 was 106,051 ounces compared with 102,825 ounces in 1940. Of the 1941 output, copper ore from Tennessee yielded 39,161 ounces, copper ore from North Carolina 5,044 ounces, copper concentrates from Pennsylvania magnetite-pyrite-chalcopyrite ore 15,016 ounces, lead concentrates from zinc-lead ore from New York 37,734 ounces, dry and siliceous gold ores (mainly from South Carolina and North Carolina) 9,081 ounces, and placer gravels 15 ounces of silver.

IDAHO

The output of recoverable gold, silver, copper, lead, and zinc from mines in Idaho in 1941 was valued at $41,776,848 compared with $37,744,393 in 1940, an increase of $4,032,455 (nearly 11 percent), according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. The quantity and value of each metal, except silver, were greater in 1941 than in 1940; the greatest gain was $2,966,874 in zinc. The output of gold increased 2 percent, copper 8 percent, lead less than one-half of one percent, and zinc 12 percent; the silver output declined 5 percent. The output of copper and zinc in the Coeur d'Alene region, the most important metal-producing area in Idaho, was greater in 1941 than in 1940, but the output of gold, silver, and lead was less. The total value of the metal output of the region increased from $29,444,265 to $32,398,932.

Production of recoverable gold increased from 146,480 ounces valued at $5,126,800 to 149,816 ounces valued at $5,243,560 in 1941, or 2 percent; the gold output in 1941 was the largest since 1871. Gold from lode mines decreased 10 percent to 77,421 ounces; that from placers increased 20 percent to 72,395 ounces. Most of the gold from placer mines came from 12 connected-bucket dredges operating in Boise, Clearwater, Custer, Elmore, Idaho, Latah, and Lemhi Counties; these dredges treated 10,612,000 cubic yards of gravel in 1941 and recovered 52,358 ounces of gold, an increase of 11,096 ounces over 1940. Twenty-one dragline or power-shovel excavators with either dry-land or floating washing plants (operating chiefly in Idaho, Lemhi, Clearwater, and Boise Counties) treated 2,342,000 cubic yards of gravel in 1941 and recovered 14,910 ounces of gold, an increase of 2,718 ounces over 1940. Of the total placer gold produced in Idaho in 1941, 84 percent came from the Boise Basin, Elk City, Yankee Fork, Warren, Hoodoo, Middle Boise, and Gibbonsville districts, where dredges were operated. The chief producers were Fisher-Baumhoff Co., H. & H. Mines, Snake River Mining Co., Northwest Goldfields, Inc., Idaho-Canadian Dredging Co., Warren Dredging Co., Boise King Placers, American River Mining Co., Mt. Vernon Gold Mining Co., Tyee Mining Co., Smith Brothers, and Gold Hill Placers.

About 89 percent of the total gold from lode mines came from dry and siliceous ore (chiefly gold ore), and nearly all the remainder came from zinc-lead ore. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 142,457 tons in 1940 to 179,503 in 1941; the 1941 tonnage yielded 39,598 ounces of gold (in bullion and concentrates) which came chiefly from Elmore, Idaho, Custer, Boise, and Valley Counties. Ore treated at straight concentration plants yielded 33,331 ounces of gold in the concentrates, and crude ore shipped direct to smelters yielded 4,492 ounces. About 81 percent of the lode gold came from the Middle Boise, Yellow Pine, Warm Springs, Burgdorf-Marshall Lake, Carson, Yankee Fork, Mineral Hill, and West View districts and the Coeur d'Alene region. The chief producers were the Boise-Rochester-Monarch, Yellow Pine, Golden Anchor, Triumph, De Lamar Milling Corporation, Custer Consolidated, Grunter, and Huron properties.

The total production of gold in Idaho in terms of recovered metal, from 1863 to 1941, inclusive, has been 7,629,158 ounces.

The output of recoverable silver in Idaho decreased from 17,552,240 ounces in 1940 to 16,672,410 in 1941 and the value from $12,481,593 to $11,855,936. Idaho retained its position as the largest silver-producing State. Dry and siliceous silver ore yielded 59 percent of the total silver produced in Idaho in 1941, zinc-lead ore 30 percent, lead ore 6 percent, and gold-silver ore and gold ore 3 percent. Production of silver from silver ore decreased 918,449 ounces in 1941 and that from zinc-lead ore 418,176 ounces, but the output from zinc ore increased 193,405 ounces, from lead ore 176,184 ounces, and from gold ore and gold-silver ore 60,176 ounces. The output of silver from the Sunshine mine was 7,138,426 ounces in 1941, a decline of 1,045,470 ounces from 1940; however, the mine retained its position as the largest producer of silver in the United States. The Coeur d'Alene region produced 88 percent of the State total silver in 1941; the remainder came chiefly from the Warm Springs, Carson, Bayhorse, South Mountain, Middle Boise, Port Hill, and Pend d'Oreille districts. Eight mines—the Sunshine, Bunker Hill & Sullivan, Mineral Point, Polaris, Hecla, Morning, Triumph, and Page—produced 84 percent of the State silver output in 1941. All these mines except the Triumph are in the Coeur d'Alene region, Shoshone County.

The total production of silver in Idaho, in terms of recovered metal, from 1863 to 1941, inclusive, has been 469,574,957 ounces.

MONTANA

The Montana output of gold, silver, copper, lead, and zinc had a larger aggregate value in 1941 than in 1940, but only the quantity of copper, silver, and zinc increased, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. In 1941 the total value of the five metals was $59,181,627 compared with $55,825,078 in 1940. The gold output from several of the large lode gold mines throughout the State showed sharp drops, but the output from placer mines was slightly less than that in 1940. The value of the metal output from Silver Bow County, by far the most productive area in the State, and from which virtually all of the copper and much of the zinc and silver is derived, was $44,195,725 in 1941 compared with $40,871,719 in 1940. This increase was due to the near capacity operations of the Anaconda Copper Mining Co.

The production of recoverable gold in Montana in 1941 was 246,475 fine ounces compared with 272,602 fine ounces in 1940—a decrease of 10 percent from 1940. In 1941 the output from lode mines showed a decrease of 23,591 fine ounces and that from placer mines 2,536 fine ounces. Siliceous ores yielded 64 percent of the State total and base metal ores 11 percent. There was a decrease from siliceous ores and zinc-lead ores but an increase from copper and lead ore. Gold ore mined in 1941 totaled 695,481 tons compared with 803,173 tons in 1940, which included 542,870 tons treated in amalgamation and cyanidation mills, 99,293 tons in concentration mills, and 53,318 tons shipped crude to smelters. Ore treated at amalgamation and cyanidation plants (with or without concentrating equipment) yielded 29 percent of the State's total gold and that at concentrating mills 22 percent, ores of all classes shipped crude to smelters 24 percent, and placers 25 percent.

A decline of 2,536 fine ounces of gold and 1,620 fine ounces of silver in 1941 was noted in the yield from placer mines. Seven connected-

bucket floating dredges were in operation in 1941; they treated 9,025,755 cubic yards of gravel and recovered gold valued at $1,184,540, indicating an average recoverable gold value of 13.1 cents per cubic yard treated. Dragline and power shovels with both dry-land and floating washing plants were reported in operation at forty properties. The plants washed 3,208,961 cubic yards of gravel and recovered gold valued at $886,305, indicating an average recoverable gold value of 27.6 cents to the cubic yard washed. Gains were noted in the output of recoverable gold from Park, Silver Bow, Broadwater, Ravalli, and Cascade Counties, but losses from Lewis and Clark, Madison, Jefferson, Powell, and Phillips Counties. The leading gold producer in Montana was again the West Mayflower property in Madison County, which was operated by the Anaconda Copper Mining Co. It was followed by all company-operated copper mines at Butte, the Ohio Keating mine in Broadwater County, the Winston Dredge operating on Prickly Pear Creek near Clancey, the Ruby Gulch mine at Zortman, and the Porter Bros. dredge near Helena.

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1941, inclusive, has been 16,680,518 fine ounces.

The output of recoverable silver in Montana in 1941 was 12,386,925 ounces, virtually the same as in 1940. Copper ore yielded 50 percent of the State total silver, zinc-lead ore 24 percent, and siliceous ore 24 percent. Ore treated at concentration mills yielded 82 percent of the total silver, and crude smelting ore 17 percent. The output of silver ore was 122,684 tons and gold-silver ore 121,902 tons.

The copper mines, dumps, and zinc mines at Butte and the Flathead mine in Flathead County, all operated by the Anaconda Copper Mining Co., produced 73 percent of the State silver. Other large producers included the Lexington group in Montana district, Cascade County; the Granite Bimetallic mine (tailings) in Granite County; the Emma mine at Butte (including byproduct silver from manganese beneficiation), and the Florence mine in Cascade County.

The total production of silver in Montana, in terms of recovered metal, from 1862 to 1941, inclusive, has been 713,202,910 ounces.

NEVADA

In 1941 Nevada gold production (in terms of recovered metal) decreased 5 percent compared with 1940, but silver output in 1941 was the largest since 1926 in quantity and since 1925 in value, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The output of gold from Nevada ores, re-treated tailings, and gravels in 1941 was 366,403 fine ounces valued at $12,824,105 compared with 383,933 ounces valued at $13,437,655 in 1940. Production of silver in 1941 was 5,830,238 fine ounces valued at $4,145,947 compared with 5,175,928 ounces valued at $3,680,660 in 1940, an increase of 13 percent in both quantity and value.

Gold was recovered from the following sources: Dry gold ore, 56 percent; copper ore, 18 percent; dry gold-silver ore, 14 percent; placer gravels, 10 percent; and other ores, 2 percent. Metallurgical data show that 56 percent of the State lode gold was recovered by cyanidation, 24 percent by the smelting of concentrates, 12 percent by the smelting of ore, and 8 percent by amalgamation. Cyanidation and smelting of ore as gold recovery methods were less important in

1941 than in 1940; the proportion of gold recovered by smelting of concentrates and by amalgamation increased.

The principal Nevada gold mines in 1941, listed by operating companies and in order of output, were Getchell Mine, Inc., Humboldt County (gold ore); Nevada Consolidated Copper Corporation, White Pine County (copper ore); Consolidated Coppermines Corporation, White Pine County (copper ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); Prescott Lease (E. L. Cord), Esmeralda County (gold ore); Standard Cyaniding Co., Pershing County (gold ore); Northumberland Mining Co., Nye County (gold ore); Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore); Dayton Dredging Co., Lyon County (dragline dredge); and Dayton Consolidated Mines Co. and lessees, Storey County (gold ore).

Nevada lode silver was recovered from the following sources in 1941: Dry gold-silver ore, 42 percent; dry silver ore, 21 percent; zinc-lead ore and lead ore, 12 percent each; dry gold ore, 9 percent; and copper ore, 4 percent. Placer gravel yielded a small quantity of silver. Cyanidation of ore, old tailings, sands, slimes, and concentrates accounted for 58 percent of the lode silver produced in Nevada in 1941; 33 percent was recovered by smelting of ore and old tailings, 28 percent by the smelting of concentrates, and the remainder by amalgamation of ore and old tailings.

The principal silver mines in Nevada in 1941, listed by operating companies and in order of output, were the Desert Silver, Inc., Esmeralda County (silver ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore); West Coast Mines, Inc., Humboldt County (gold-silver ore); lessees of The Tonopah Mining Co. of Nevada, Nye County (gold-silver ore); Bristol Silver Mines Co., Lincoln County (lead ore); Summit King Mines, Ltd., Churchill County (gold-silver ore); El Dorado-Rover Mining Co., Clark County (gold-silver ore); Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore); and Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore).

NEW MEXICO

Lode and placer mines in New Mexico yielded 27,845 fine ounces of gold valued at $974,575 in 1941, according to Chas. W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The chief producing counties were Grant yielding 14,793 fine ounces and Catron yielding 7,884 fine ounces. Eight flotation mills treated 98 percent of the total New Mexico output of ore (7,530,226 tons). Dry and siliceous ores yielded 57 percent of the State total gold in 1941, copper ore 32 percent, lead and zinc-lead ores 2 percent, and placers 9 percent. Of the 145 lode mines, the largest producers of gold in the order of output were: Black Hawk Consolidated Mines, Mogollon district, Catron County; Nevada Consolidated Copper Co., Central district, Grant County; Southwestern Mineral Co., and Exploration Syndicate, both in the Steeple Rock district, Grant County. One hundred and three placers were operated in 1941, the largest of which was the dry-land dredge of the John L. Hallett Construction Co., in the Las Animas district, Sierra County.

The mine production of recoverable silver in New Mexico in 1941 was 1,528,317 fine ounces, all but 284 ounces from lode mines. Grant County produced 55 percent of the State total and Catron County 37

percent. The largest producers in the order of output were the Black Hawk Consolidated Mines, American Smelting & Refining Co. (Hanover unit), Exploration Syndicate, and Nevada Consolidated Copper Co.

The total production of gold and silver in New Mexico, in terms of recovered metals, compiled from all sources by Chas. W. Henderson, from 1848 through 1941, has been 2,148,780 fine ounces of gold valued at $48,541,493 and 65,276,576 fine ounces of silver valued at $51,150,206.

OREGON

After establishing an all-time record in gold production in 1940, Oregon output in 1941 declined 15 percent in quantity and value, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The production of gold from Oregon ores, gravels, and re-treated tailings in 1941 was 96,565 fine ounces valued at $3,379,775 compared with 113,402 ounces valued at $3,969,070 in 1940. Placer mines produced 63 percent of the gold and lode mines 37 percent. Dragline dredges handled 6,256,000 cubic yards of gravel in 1941 compared with 7,361,000 yards in 1940 and recovered 28,395 ounces of gold valued at $993,825 in 1941 compared with 35,216 ounces of gold valued at $1,232,560 in 1940. Dredges of the connected-bucket type treated 6,670,000 yards of gravel in 1941 compared with 7,580,000 yards in 1940 and recovered 24,131 ounces of gold valued at $844,585 compared with 24,951 ounces of gold valued at $873,285 in 1940. Dragline dredges handled 43 percent of the gravel and recovered 47 percent of the placer gold in Oregon in 1941; connected-bucket dredges handled 46 percent of the gravel and recovered 40 percent of the placer gold. Dry and siliceous gold ore was the source of 93 percent of the State lode gold; virtually the only other source was dry and siliceous gold-silver ore. Metallurgical data show that 71 percent of Oregon lode gold was recovered by smelting of concentrates, 15 percent by smelting of ore, 11 percent by cyanidation of ore, old tailings, and concentrates, and 3 percent by amalgamation of ore.

The principal Oregon gold mines in 1941, listed by operating companies and in order of output, were Cornucopia Gold Mines, Baker County (gold ore); Sumpter Valley Dredging Co., Baker County (connected-bucket dredge); Porter & Co., Grant County (connected-bucket dredge); Cougar-Independence Lessees, Grant County (gold ore); and Northwest Development Co., Baker County (dragline dredge). These five companies contributed 46 percent of the gold output in Oregon in 1941; two of them suspended operations during the year.

Oregon ores, gravels, and retreated tailings in 1941 yielded 276,158 fine ounces of silver valued at $196,379 compared with 219,112 ounces valued at $155,813 in 1940; the increase was 26 percent in both quantity and value. Of the State total silver, Grant County contributed 35 percent, Jefferson County 32 percent, and Baker County 30 percent.

SOUTH DAKOTA

Gold mining is one of the major mining industries of the Black Hills region of South Dakota, a small region comprising only parts of Custer, Lawrence, and Pennington Counties. In 1941, this region

yielded 600,637 fine ounces of gold valued at $21,022,295 and 170,771 fine ounces of byproduct silver valued at $121,437, according to Chas. W. Henderson and S. A. Gustavson of the Department of the Interior, Bureau of Mines, a 2 percent increase in gold over 1940 and exceeded only by the peak year of 1939.

The largest producing gold mine in the United States is the Homestake, located at Lead in Lawrence County. This mine has been producing almost continuously since 1876. Of the 1,711,744 tons of ore produced in South Dakota in 1941, the Homestake produced 1,499,988 tons, yielding 556,983 ounces of gold and 118,148 ounces of silver. The ore was treated by amalgamation followed by cyanidation of sands and slimes. No concentrates have been made at the Homestake mills for several years. This mine has been developed by shafts, the newest and deepest being the Yates shaft, which is 5,000 feet deep, completed in all details to 4,100 feet with a winze to the 5,000-foot level. Other important producers were the Bald Mountain group at Trojan, producing 134,990 tons of ore, yielding 27,420 fine ounces of gold and 50,458 fine ounces of silver; the Canyon Corporation at Deadwood, producing 36,677 tons of ore, yielding 11,256 fine ounces of gold and 1,056 fine ounces of silver; and the Holy Terror at Keystone, producing 31,894 tons of ore, yielding 4,234 ounces of gold and 839 ounces of silver. Small placer sluicing operations produced 93 ounces of gold and 7 ounces of silver. The total production of gold and silver (in terms of recovered metals) in South Dakota from the beginning of production in 1876 to the end of 1941, as compiled by Chas. W. Henderson, has been 20,037,943 fine ounces of gold, valued at $482,925,214, and 9,346,276 fine ounces of silver, valued at $6,648,628.

TEXAS

Texas mines yielded 306 fine ounces of gold, valued at $10,710, and 1,096,027 fine ounces of silver, valued at $779,397 in 1941, according to mine-production figures compiled by Chas. W. Henderson and S. A. Gustavson of the Department of the Interior, Bureau of Mines. Compared with 1940, the output of gold decreased 2 percent and that of silver decreased 17 percent in both quantity and value. The Presidio mine of the American Metal Co., at Shafter, Presidio County, produced 99.25 percent of the gold and 99.79 percent of the silver, the greater part of which was recovered by cyanidation. The remainder of the gold and most of the silver were recovered from lead ore (22 ounces of silver came from copper ore), shipped to the El Paso Smelter from mines and prospects in Culberson, Hardeman, Hudspeth, and Presidio Counties among which were the Hazel and Needle Peak in Culberson, the properties of the Puerto Rico Mining Co. in Hudspeth County, and the Burney prospects in Presidio County.

The Presidio mine is equipped with a 400-ton gravity concentration-cyanidation mill which was run at an average rate of 387 tons daily in 1941. Silver was found at the Presidio mine in 1880, but it was not until 1885 that shipments were begun. From 1885 through 1941, the total production, compiled from all sources by Chas. W. Henderson of gold and silver in Texas (in terms of recovered metals) has been 8,041 ounces of gold valued at $215,380, and 32,513,756 ounces of silver valued at $22,874,293, most of the silver (29,628,902 ounces) coming from the Presidio mine.

UTAH

Utah mines produced gold, silver, copper, lead, and zinc in 1941 valued at $97,796,623 in terms of recovered metals, a 13 percent gain over 1940 production, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The gain in value was due almost entirely to the increased output of recovered copper. The quantity of gold was virtually the same as in 1940; that of silver, lead, and zinc decreased, although the total value of both lead and zinc increased. The slight gain in gold and by far the largest part of the gain in copper output can be credited to the Bingham district and resulted from the outstanding efforts of the Utah Copper Co. The Park City region showed gains in the production of gold and copper only, and the Tintic district made gains in the output of lead and zinc. Tooele County reported a loss in output of each metal except zinc.

The output of recoverable gold in Utah in 1941 was 356,501 ounces, a gain of 1,007 ounces over that of 1940. Copper ore yielded 68 percent of the total gold, and siliceous ore 16 percent; the remainder came from lead ore, lead-copper ore, zinc ore, zinc-lead ore, zinc-lead-copper ore, and slag and from placers. The placer output amounted to 629 ounces.

Gold recovered from ore of all classes treated in concentrating mills comprised 80 percent of the State total, from crude ore shipped direct to smelters nearly 15 percent, and from ore treated by amalgamation and cyanidation and from placers 5 percent. The Bingham (West Mountain) district produced 77 percent of the State gold and showed a gain of 18,561 ounces. The Park City region produced 2,447 ounces more gold than in 1940 owing to the output of the New Park Mining Co. Gold produced from the Tintic district decreased sharply, owing chiefly to the decline at the Tintic Bullion and Centennial-Beck and Victoria mines, and gold output from Tooele County decreased 3,481 ounces. The Utah Copper Co., which supplied over 67 percent of the State gold, was followed by the group of properties at Mercur under control of Snyder Mines, Inc., the United States and Lark, Mayflower, Tintic Bullion mines; these five mines produced 88 percent of the total gold output of the State.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1941, inclusive, has been 9,058,229 ounces.

Silver recovered from Utah totaled 11,395,485 ounces in 1941, a decrease of 776,814 ounces from 1940, owing primarily to the lower output of siliceous ore. In 1941 zinc-lead, lead-copper, and zinc-lead-copper ore yielded 51 percent of the State total silver, silver ore 20 percent, copper ore 20 percent, and lead ore nearly 9 percent. Bingham was again the largest silver producing district (approximately 43 percent of the State total) followed by the Park City region, the Tintic district, and Tooele County. Ore concentrated yielded 70 percent of the State total silver, and ore shipped crude to smelters nearly all the remainder.

The Utah Copper Co. was again the largest producer followed by the United States and Lark, Tintic Standard, Silver King Coalition, the Park City Consolidated properties, the New Park Mining Co. property, the Park Utah Consolidated Mines groups, and the Chief Consolidated properties. These eight properties produced 82 percent of the silver output in Utah in 1941.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1941, inclusive, has been 681,300,151 ounces.

WASHINGTON

Ore and gravels from mines in Washington produced recoverable gold, silver, copper, lead, and zinc valued at $7,874,886 in 1941 compared with $7,018,812 in 1940, according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. This gain in value of total output was due chiefly to an increased production of lead and zinc. The gain in production of gold and silver was due to a sharp increase in the output of the Republic district, Ferry County, which more than balanced the losses in output from the Methow district in Okanogan County and from the Howe Sound Co. in Chelan Lake district, Chelan County.

The output of recoverable gold was 84,176 fine ounces in 1941, a gain of 2 percent over 1940. This gain was due almost entirely to the gold recovered from gold concentrates shipped to a smelter. Gold recovered from amalgamation showed a slight increase, and that recovered from gold cyanide, bullion, copper concentrates, and crude ore shipped to smelters showed a decline from 1940. Gold bullion recovered from ore treated at cyanide plants (with or without concentration) in Ferry County declined 6,131 ounces, but in Stevens County there was a gain of 559 ounces. Gold recovered from gold concentrates made in the concentration sections of the cyanide mills in Ferry County increased 18,299 ounces. Gold in ore sent crude to smelters was virtually the same as in 1940 in Ferry County but declined 1,856 ounces in Okanogan County and 198 ounces in Chelan County. Gold ores treated in amalgamation plants principally from Ferry, Okanogan, and Whatcom Counties yielded 777 ounces of gold. Copper concentrates produced by the Howe Sound Co. yielded about 55 percent of the State total, and gold concentrates produced from the Knob Hill and Mountain Lion groups 23 percent. Other producers of gold were the Aurum and Valley mines in Ferry County and the First Thought mine in Stevens County. The total output of gold ore in 1941 was 178,121 tons compared with 202,502 tons in 1940. It was treated as follows: 135,290 tons cyanided, 694 tons amalgamated, 3,747 tons concentrated, and 38,390 tons sent crude to smelters. Placers produced 540 fine ounces of gold in 1941.

The total production of gold, in terms of recovered metal, from 1860 to 1941, inclusive, has been 1,881.725 ounces.

The production of recoverable silver in Washington in 1941 was 401,940 fine ounces, a gain of 10 percent over 1940. The bulk of the silver came from copper ores of Chelan County and gold ores of Ferry County and most of the remainder from copper ores of Stevens and Snohomish Counties. Of the total State silver production copper ores yielded 50 percent, gold ore 43 percent, silver ore 3 percent, and the combined production from zinc-lead, gold-silver, and lead ores and placer gravels 4 percent. The Holden mine in Chelan County was the largest producer of silver, followed by the Knob Hill and Mountain Lion properties in Ferry County operated by the Knob Hill Mines, Inc. These two companies produced 75 percent of the State silver. Other producing mines were the Aurum and Valley in Ferry County and the Amazon and Copper King in Stevens County. The yield of silver from placer mines was 90 ounces.

The total production of silver in Washington, in terms of recovered metal, from 1860 to 1941, inclusive, has been 11,222,890 ounces.

WYOMING

Wyoming mines yielded only 478 fine ounces of gold and 94 fine ounces of silver in 1941, the lowest gold production in any year since 1932, according to Charles W. Henderson and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. Fremont County produced 442 ounces of placer gold and 49 ounces of placer silver, the largest production being from the dry-land dredges on the Timbah-Bah and Whisenand placers. These two operations produced 95 percent of the State placer gold and 90 percent of the State placer silver. During the year 8 lode mines yielded 159 tons of ore which contained 31 ounces of gold and 44 ounces of silver. The total production, compiled from all sources by Charles W. Henderson, of gold and silver in Wyoming from 1867 through 1941 has been 77,891 fine ounces of gold and 74,580 fine ounces of silver.

Distribution of the gold and silver production of the United States,[1] in fine ounces, for 1941, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines: Floating connected-bucket dredges	Placer mines: All other	Dry and siliceous ores[2]	Lead ores[3]	Copper ores
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	30			3		
Alaska	203,886	307,087	184,494	191,394		128
Arizona	303,461		11,931	1,198,019	1,293,867	5,006,374
California	690,780	418,282	299,731	1,806,861	167,583	179,744
Colorado	349,652	10,622	19,755	2,230,319	765,035	4,306,343
Georgia	122		189	38		
Idaho	77,421	52,358	20,037	10,428,610	6,199,949	43,851
Illinois					20,340	
Michigan						60,796
Missouri					367,688	
Montana	184,864	33,844	27,767	2,925,308	3,319,367	6,142,250
Nevada	329,506	20,681	16,216	4,198,809	1,371,743	259,686
New Mexico	25,357		2,488	754,514	330,969	242,834
New York					37,734	
North Carolina	3,238		6	2,395		5,044
Oregon	36,135	24,131	36,299	273,938		2,220
Pennsylvania	2,422					15,016
South Carolina	15,508			6,525		
South Dakota	600,544		93	170,771		
Tennessee	227					39,161
Texas	306			1,095,750	255	22
Utah	355,872		629	2,333,168	6,776,940	2,285,377
Virginia	232		8	125		
Washington	83,636		540	187,040	12,899	202,091
Wyoming	31		447	64		30
Total	3,263,230	867,005	620,630	27,803,661	20,664,369	18,790,967

[1] Philippine Islands and Puerto Rico excluded. United States refineries' receipts for the Philippine Islands give the following production for 1941: 1,130,933 ounces of gold and 1,224,336 ounces of silver.
[2] Contains 194,128 ounces of silver from placer mines.
[3] Includes lead, lead-copper, zinc, zinc-lead, and zinc-copper.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1940 and 1941 with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1941	Decrease 1941
	1940		1941			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	756,964	$26,493,700	696,113	$24,364,000		60,851
Alabama	5	200	32	1,100	27	
Arizona	299,345	10,477,100	317,386	11,108,500	18,041	
California	1,443,889	50,536,100	1,431,637	50,107,300		12,252
Colorado	369,075	12,917,600	387,627	13,567,000	18,552	
Georgia	966	33,800	307	10,700		659
Idaho	144,980	5,074,300	151,211	5,292,400	6,231	
Indiana	5	200				5
Montana	273,369	9,567,900	252,683	8,843,900		20,686
Nevada	379,868	13,295,400	377,953	13,228,400		1,915
New Mexico	39,210	1,372,400	31,127	1,089,400		8,083
North Carolina	1,683	58,900	3,313	115,900	1,630	
Oregon	113,715	3,980,000	95,635	3,347,200		18,080
Pennsylvania	1,977	69,200	2,667	93,300	690	
South Carolina	12,872	450,500	15,549	544,200	2,677	
South Dakota	587,160	20,550,600	611,869	21,415,400	24,709	
Tennessee	177	6,200	228	8,000	51	
Texas	303	10,600	295	10,300		8
Utah	352,331	12,331,600	372,570	13,040,000	20,239	
Virginia	494	17,300	240	8,400		254
Washington	83,880	2,935,800	83,166	2,910,800		714
Wyoming	711	24,900	459	16,100		252
Philippine Islands	1,140,126	39,904,400	1,144,332	40,051,600	4,206	
Puerto Rico			20	700	20	
Total	6,003,105	210,108,700	5,976,419	209,174,600	97,073	123,759
Net decrease						26,686

[1] For method of calculation, see p. 48.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1940 and 1941, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1941	Decrease 1941
	1940		1941			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	173,141	$123,122	217,930	$154,972	44,789	
Alabama	3	2	4	3	1	
Arizona	6,129,788	4,358,960	7,711,716	5,483,887	1,581,928	
California	2,224,590	1,581,931	2,167,280	1,541,177		57,310
Colorado	9,378,408	6,669,090	8,638,904	6,143,221		739,504
Georgia	632	449	35	25		597
Idaho	17,477,054	12,428,127	17,082,433	12,147,508		394,621
Illinois	544	387	501	356		43
Michigan	90,218	64,155	60,502	43,024		29,716
Missouri	148,190	103,246	152,273	108,283	7,083	
Montana	12,152,044	8,641,453	12,742,114	9,061,059	590,070	
Nevada	5,102,102	3,628,162	5,800,174	4,124,568	698,072	
New Mexico	1,576,102	1,120,784	1,394,182	991,418		181,920
New York	35,743	25,417	37,262	26,497	1,519	
North Carolina	6,390	4,544	7,342	5,221	952	
Oregon	191,820	136,405	266,276	189,352	74,456	
Pennsylvania	14,077	10,010	16,887	12,009	2,810	
South Carolina	7,907	5,623	6,447	4,585		1,460
South Dakota	170,680	121,373	173,286	123,226	2,606	
Tennessee	38,947	27,696	39,396	28,015	449	
Texas	1,294,966	920,865	1,093,137	777,341		201,829
Utah	11,686,321	8,310,273	13,061,846	9,288,424	1,375,525	
Virginia	313	223	134	95		179
Washington	389,481	276,964	405,820	288,583	16,339	
Wyoming	74	53	49	35		25
Philippine Islands	1,299,199	923,875	1,260,097	896,069		39,102
Puerto Rico			2	1	2	
Total	69,585,734	49,483,189	72,336,029	51,438,954	4,396,601	1,646,306
Net increase					2,750,295	

[1] For method of calculation, see p. 48.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value
1792 to July 31, 1834	677, 250	$14, 000, 000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	$203, 400
1845	48, 782	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50, 300
1847	43, 035	889, 000	38, 700	50, 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50, 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851–55	14, 270, 625	295, 000, 000	193, 500	259, 400
1856–60	12, 384, 000	256, 000, 000	309, 400	418, 700
1861–65	10, 716, 271	221, 525, 000	28, 810, 600	38, 674, 300
1866–70	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 786, 100	23, 588, 300
1872	1, 741, 500	36, 000, 000	22, 236, 300	29, 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 868, 200	157, 749, 900
1873–75	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876–80	10, 300, 633	212, 933, 000	157, 680, 900	182, 506, 400
1881–85	7, 730, 872	159, 801, 000	182, 840, 700	202, 806, 600
1886–90	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891–95	9, 196, 834	188, 255, 000	287, 057, 000	227, 990, 100
1896–1900	14, 728, 572	325, 138, 400	279, 544, 300	172, 588, 800
1901–05	19, 383, 722	400, 903, 800	278, 198, 400	139, 543, 400
1906–10	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 330, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 266, 784	88, 884, 400	66, 801, 500	46, 348, 100
1914	4, 572, 976	94, 531, 800	72, 453, 100	40, 067, 700
1915	4, 887, 694	101, 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92, 590, 300	74, 414, 802	48, 933, 000
1917	4, 051, 440	83, 750, 700	71, 749, 302	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	60, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 373	60, 801, 903
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 675	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 592, 632	51, 734, 000	70, 335, 179	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45, 911, 864
1926	2, 333, 042	48, 209, 600	63, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60, 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 907	34, 200, 967
1929	2, 308, 386	45, 651, 400	61, 327, 868	32, 687, 754
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 629
1931	2, 395, 878	49, 527, 200	30, 982, 050	8, 970, 294
1932	2, 449, 032	50, 625, 000	25, 990, 773	6, 762, 578
1933	2, 556, 246	52, 842, 300	23, 002, 629	8, 050, 920
1934	3, 091, 183	108, 191, 400	32, 725, 353	[1] 21, 155, 784
1935	3, 606, 283	126, 324, 900	45, 924, 454	[2] 33, 008, 201
1936	4, 357, 394	152, 508, 800	60, 812, 176	[2] 49, 422, 530
1937	4, 804, 540	168, 158, 900	71, 941, 794	[2] 58, 646, 978
1938	5, 088, 511	178, 143, 400	62, 645, 395	[2] 49, 510, 924
1939	5, 611, 171	196, 391, 000	65, 119, 513	[2] 44, 202, 279
1940	6, 003, 105	210, 108, 700	69, 585, 734	[2] 49, 483, 189
1941	5, 976, 419	209, 174, 800	72, 330, 029	51, 438, 864
Total	207, 958, 229	4, 851, 125, 300	3, 610, 431, 694	2, 715, 323, 845
Grand total	267, 425, 177	6, 080, 412, 300	3, 729, 309, 394	2, 873, 478, 245

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver; in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

[3] Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, $0.6464+, in 1939 $0.6757+, in 1940 and 1941 $0.7111+.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1941

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at $35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1941, with the classes of material from which they were made.

Gold and Silver Issued For Use In The Industrial Arts During the Calendar Year 1941 [1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$1,104,500	423,401
Bullion in various forms	Private refiners and dealers	66,872,610	92,292,829
United States Coin [2]	Banks, etc.		77,344
Total		67,977,110	92,793,574
Old jewelry, plate, scrap, etc., contained in private refineries and dealers returns and that returned to monetary use		30,975,490	20,361,256
Net new material used in industry		37,001,620	72,432,318

[1] For explanation of calculation see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881–85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886–90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891–95	82,539,380	25,300,282	57,239,298	17,500,000	39,739,298
1896–1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901–05	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906–10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911–15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,638	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,093,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,095	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	100,000	−7,489,667
1933	17,013,000	22,805,990	−5,792,700		−5,892,700
1934	14,252,795	75,927,285	−61,694,490		−61,694,490
1935	25,929,497	58,390,675	−32,461,178		−32,461,178
1936	32,907,937	35,875,770	−2,907,833		−2,907,833
1937	39,622,338	36,407,945	3,214,393		3,214,393
1938	36,156,754	36,480,835	−324,081		−324,081
1939	38,788,960	31,328,360	7,460,600		7,460,600
1940	41,178,387	27,872,355	13,306,032		13,306,032
1941	67,977,110	30,975,490	37,001,620		37,001,620
Total	2,097,097,249	1,007,329,346	1,089,767,903	139,975,000	950,792,903

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880—Continued

SILVER

Calendar year	Total issues	Old material returned from manufactures and the arts [1]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2,793,929	203,540	2,590,389	464,063	2,126,326
1881–85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886–90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891–95	39,985,973	4,754,381	35,231,592	541,406	34,690,186
1896–1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901–05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906–10	122,764,809	18,342,642	104,422,167	386,720	104,035,447
1911–15	132,221,115	34,641,952	117,579,163	386,720	117,192,443
1916	32,103,307	9,880,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,041,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,094,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,324,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11,381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,806	26,874,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,335,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,343,451	18,332,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	25,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,202,270	23,564,986	27,727,284	77,344	27,649,940
1938	38,620,473	18,438,847	20,181,626	77,344	20,104,282
1939	69,385,265	24,972,260	44,613,005	77,344	44,535,661
1940	67,062,632	22,563,729	44,498,903	77,344	44,421,559
1941	92,793,374	20,361,266	72,432,318	77,344	72,354,974
Total	1,571,290,049	450,467,698	1,120,871,351	6,110,163	1,114,721,188

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.
[2] Treated as having priority as regards issue or reissue.

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1941, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1941:		1941—Continued.	
January	$20,947.58	September	$35,291.90
February	16,906.65	October	524,391.96
March	44,179.57	November	217,155.11
April	37,433.56	December	69,819.84
May	35,886.13		
June	127,044.40	Total	1,177,273.39
July	27,009.18		
August	21,207.51	Prior calendar year	241,056.78

Domestic Coinage of the United States Mints During the Calendar Year 1941

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars	$12,103,706.00	$4,049,000.00	$5,624,200.00	$21,776,906.00	43,553,812
Quarter dollars	19,761,821.75	4,020,000.00	4,178,700.00	27,960,521.75	111,842,087
Dimes	17,510,655.70	4,309,000.00	4,563,400.00	26,383,055.70	263,830,557
Total Silver	49,376,183.45	12,378,000.00	14,366,300.00	76,120,483.45	419,226,456
Minor:					
5-cent nickels	10,164,186.00	2,172,250.00	2,671,600.00	15,008,036.00	300,160,720
1-cent bronze	8,870,391.00	923,600.00	1,287,000.00	11,080,991.00	1,108,099,100
Total minor	19,034,577.00	3,095,850.00	3,958,600.00	26,089,027.00	1,408,259,820
Total domestic coinage	68,410,760.45	15,473,850.00	18,324,900.00	102,209,510.45	1,827,486,276
Prior year:					
Total coinage, value	$34,741,850.32	$9,605,900.00	$5,810,100.00	$50,157,850.32	
Total coinage, pieces	873,509,382	186,984,000	148,925,600		1,209,478,982

Coinage by the United States for Other Countries

The coinage for other countries during the calendar year 1941 totaled 208,603,500 pieces, as compared with 33,170,000 during the prior calendar year, as follows:

Country	Philadelphia	San Francisco	Total
Silver:	*Pieces*	*Pieces*	*Pieces*
Netherlands:			800,000
Curacao	65,488,000	63,203,000	128,691,000
East Indies	800,000		800,000
Surinam			
Total silver	67,088,000	63,203,000	130,291,000
Nickel:		75,000,000	75,000,000
Indo-China	1,312,500		1,312,500
Liberia			
Total nickel	1,312,500	75,000,000	76,312,500
Bronze: Dominican Republic	2,000,000		2,000,000
Total bronze	2,000,000		2,000,000
Total coinage	70,400,500	138,203,000	208,603,500
Prior year total coinage	7,900,000	25,270,000	33,170,000

Deposits of foreign gold bullion and coin during the calendar year ended December 31, 1941

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:	*Value*	*Value*	*Value*		
Canada	$31,836,385	$422,461,410	$29,680	$454,327,475	12,980,785
Mexico	5,251,295	3,728,305	3,559,185	12,538,785	358,251
Cuba	220,325		4,305	224,630	6,418
Dominican Republic	594,090		350	594,440	16,984
British West Indies	4,235		245	4,480	128
Other North American countries	6,475			6,475	185
Central America	2,171,120	2,465,645	4,550	4,641,315	132,609
South America:					
Argentina	69,230	32,976		102,206	2,920
Bolivia		10,185		10,185	281
Brazil	140			140	4
British Guiana	980,665			980,665	28,019
Chile	2,765,000	2,944,655		5,709,655	163,133
Colombia	24,320,170			24,320,170	694,862
Dutch Guiana			2,590	2,590	74
Ecuador		79,520		79,520	2,272
Peru	4,908,465	771,715	5,530	5,680,710	162,306
Uruguay	43,820			43,820	1,252
Venezuela	4,581,150			4,581,150	130,890
Europe:					
Belgium	840		525	1,365	39
Denmark	595,210		2,775,600	3,370,815	96,309
Finland		1,122,590		1,122,590	32,074
France	35	32,585	1,680	34,300	980
Germany	1,925		525	2,450	70
Great Britain	16,327,500	36,145,760	447,090	52,920,350	1,512,010
Greece	13,125		13,300	26,425	755
Italy			70	70	2
Netherlands		3,502,590	1,190	3,503,780	100,108
Portugal	2,345	92,435	13,300	108,080	3,088
Spain		34,300	105	34,405	983
Sweden	805	337,470		338,275	9,665
Switzerland			2,467,220	2,467,220	70,492
Yugoslavia	3,910,060	13,308,260		17,218,320	491,952
Other Europe			210	210	6
Eurasia: Union of Socialist Soviet Republics		44,930,550	35	44,930,585	1,283,731
Asia:					
China	4,358,130	69,405		4,427,535	126,501
Dutch East Indies	1,085	595		1,680	48
India	12,913,565	425,845		13,339,410	381,126
Japan		19,032,510		19,032,510	543,786
Straits Settlements	1,845,025	315		1,845,340	52,724
Turkey		30,450	910	31,360	896
Other Asia	35			35	1
Africa:					
Belgian Congo		2,663,990		2,663,990	76,114
Liberia	233,975	60,725		294,700	8,420
Nigeria	1,435			1,435	41
Union of South Africa		139,535,410	94,185	139,629,595	3,989,417
Oceania:					
Australia		67,698,610	208,075	67,906,685	1,940,191
Fiji Islands	4,071,480			4,071,480	116,328
New Zealand	645,785	1,614,830		2,260,615	64,589
Unallocated	525	148,331,400	1,296,400	149,628,325	4,275,095
Total value	$122,670,450	$911,465,030	$10,926,860	$1,045,062,340	
Total ounces	3,504,870	26,041,858	312,196		29,858,924

Deposits of foreign silver bullion and coin during the calendar year 1941 [1]

[On quantity basis, see p. 48]

Country	Calendar year 1941		Country	Calendar year 1941	
	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce		Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
Refined bullion:			Crude bullion—Continued.		
Mexico	245,710	$339,672	Europe:		
Others	65,833	91,008	Portugal	14	$19
Crude bullion:			Other European countries	38	53
North America:			Asia:		
Cuba	274	378	China	3,581	4,951
Dominican Republic	2,438	3,370	Dutch East Indies		
Mexico	53,382	73,796	India	13,513	18,680
Central America:			Straits Settlements	2,122	2,933
Costa Rica	9,104	12,586	Africa:		
Guatemala	699	966	Egypt	95	131
Honduras	1,408	1,947	Liberia	214	296
Nicaragua	4,893	6,764	Oceania:		
Salvador	47,805	66,086	Fiji Islands	29,780	41,168
Other Central American countries	261	361	New Zealand	597	825
South America:			Secondary (numerous countries)	737	1,019
British Guiana	2,011	2,780	Mixed foreign coin	4	6
Chile	11,609	16,048			
Colombia	1,068	1,477	Total fine ounces	547,196	
Ecuador	25,255	34,913	Total subsidiary coinage value		756,449
Peru	19,626	27,131			
Venezuela	4,252	5,878			
Other South American countries	873	1,207			

[1] Does not include silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 72,583,913 fine ounces during the calendar year 1941.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 7,251,742 fine ounces not included in the above table, and consisted of: Refined silver from domestic refineries 459,487 fine ounces; Mexican refined, 6,592,843 fine ounces; and Canadian refined, 199,412 fine ounces.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1941

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Purchases	4,751	18,284	4,529	9,103	1,246	3,759	41,672
Purchase Act silver		71		335			406
Transfers	122	15					137
Intermint transfers	8	3	81	3	1	1	97
Trust deposits	10	1					11
Total deposit transactions	4,891	18,374	4,610	9,441	1,247	3,760	42,323
Deposit assay determinations:							
Purchases	6,048	20,585	5,864	13,594	1,246	4,346	51,683
Purchase Act silver		71		6,544			6,615
Transfers	122	15					137
Intermint transfers	6	3	2,556	172		1	2,738
Trust deposits	411	3					414
Total deposit assay determinations	6,587	20,677	8,420	20,310	1,246	4,347	61,587

Deposits and purchases of gold during

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	13. 777	18, 492. 154
Alabama		
Arizona		52, 327. 677
California		1, 048, 515. 602
Colorado	.985	2. 053
Georgia		
Idaho	5. 995	15, 342. 113
Montana		264. 903
Nevada		206, 055. 556
New Mexico		20. 589
North Carolina	3, 202. 334	
Oregon	1. 358	25, 110. 749
South Carolina	15, 253. 515	
South Dakota		
Texas		1. 044
Utah		21. 441
Virginia	240. 362	
Washington		192. 150
Wyoming	1. 049	
Philippine Islands		996, 665. 470
Puerto Rico	11. 098	
Grains, receiving division	131. 362	211. 613
Operative recoveries (surplus bullion)	125. 446	2, 938. 082
Total newly mined unrefined	18, 987. 281	2, 366, 161. 196
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine		
0.995 fine and over		1, 097, 946. 308
Total newly mined domestic	18, 987. 281	3, 464, 107. 504
Domestic—Other:		
Secondary	75, 978. 298	29, 413. 802
Domestic coin:		
Purchased	21. 658	64. 153
From Treasury and Reserve Banks	7, 109. 640	
Total domestic	102, 096. 877	3, 493, 585. 459
IMPORTS:		
Bullion, unrefined		386, 538. 599
Bullion, refined:		
From domestic refineries		20, 025. 479
Other		3, 806, 347. 700
Secondary	6, 295. 534	
Foreign coin	272. 383	5, 984. 794
Domestic coin	.108	
Total imports	6, 568. 025	4, 218, 896. 662
Total primary receipts	108, 664. 902	7, 712, 482. 121
Total acquisitions	108, 664. 902	7, 712, 482. 121
INTERMINT TRANSFERS [1]		
Refined bars		
Unrefined bars		
Proof bullion		50. 000
Total intermint transfers		50. 000
Grand total, fine ounces	108, 664. 902	7, 712, 532. 121
VALUE:	*Value*	*Value*
Purchases at $20.67+ per ounce	$5, 789. 21	$2, 043. 10
Increment to $35 per ounce	4, 008. 85	1, 416. 27
Purchases at $35 per ounce	3, 544, 636. 21	269, 933, 414. 88
Domestic coin from other Treasury offices (melted)	248, 837. 39	
Intermint transfers		1, 750. 00
Total value at $35 per ounce	3, 803, 271. 66	269, 938, 624. 25

[1] In addition to the intermint transfers listed in this tabulation, refined gold bullion having a value of $1,345,473,719.88 was transferred from the New York Assay Office to the Depository at Fort Knox, Ky.

the calendar year ended Dec. 31, 1941

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1.067			630, 413. 487	648, 920. 485
		31. 902		31. 902
134. 556				52, 462. 233
254. 336		17. 041	19. 328	1, 048, 806. 307
231, 202. 668				231, 205. 706
	22. 368	284. 600		306. 968
24, 852. 927			43, 883. 142	84, 084. 177
75, 033. 715			44, 038. 543	119, 337. 159
3, 286. 471			20, 951. 359	230, 293. 386
13, 573. 952				13, 594. 541
				3, 202. 334
3, 587. 854			27, 714. 122	56, 414. 083
	15. 734			15, 269. 249
42, 833. 560				42, 833. 560
				1. 044
17, 731. 752				17, 753. 193
				240. 362
79. 401			7, 453. 503	7, 725. 054
448. 434				449. 483
				996, 665. 470
		9. 124		20. 222
37. 244	76. 341	2. 174	46. 293	505. 027
564. 550	2, 335. 262		67. 129	6, 030. 469
413, 622. 485	2, 449. 705	344. 841	774, 586. 906	3, 576, 152. 414
			5, 967. 122	7, 526. 985
1, 559. 863				
597, 578. 395	469, 887. 238			2, 165, 411. 941
1, 012, 760. 743	472, 336. 943	344. 841	780, 554. 028	5, 749, 091. 340
19, 873. 181	116, 298. 933	14, 514. 430	6, 983. 417	263, 062. 061
92. 354	75. 315	4. 986	1. 479	259. 945
9, 907. 678				17, 017. 318
1, 042, 633. 956	588, 711. 191	14, 864. 257	787, 538. 924	6, 029, 430. 664
	3, 102, 700. 839	1, 562. 833	97. 780	3, 490, 900. 051
3, 730. 070	286, 833. 461		86. 923	310, 675. 933
	21, 931, 639. 984			25, 737, 987. 774
	867. 721			7, 163. 255
12. 185	305, 827. 237	1. 460	1. 319	312, 099. 378
	96. 651			96. 759
3, 742. 255	25, 627, 965. 893	1, 564. 293	186. 022	29, 858, 923. 150
1, 046, 376. 211	26, 216, 677. 084	16, 428. 550	787, 724. 946	35, 888, 353. 814
1, 046, 376. 211	26, 216, 677. 084	16, 428. 550	787, 724. 946	35, 888, 353. 814
19, 088. 201. 096				19, 088, 201. 096
10, 299, 115. 984	117, 290. 451			10, 416, 406. 435
		10. 000	10. 000	70. 000
29, 387, 317. 080	117, 290. 451	10. 000	10. 000	29, 504, 677. 531
30, 433, 693. 291	26, 333, 967. 535	16, 438. 550	787, 734. 946	65, 393, 031. 345
Value	*Value*	*Value*	*Value*	*Value*
$2, 277. 09	$5, 401. 56	$223. 09	$523. 40	$16, 257. 45
1, 578. 33	3, 743. 97	154. 62	362. 85	11, 264. 89
36, 272, 543. 32	917, 574, 556. 11	574, 621. 31	27, 569, 486. 01	1, 255, 469, 257. 84
346, 768. 73				595, 606. 12
1, 028, 556, 097. 85	4, 105, 165. 78	350. 00	350. 00	1, 032, 663, 713. 63
1, 065, 179, 265. 32	921, 688, 867. 42	575, 349. 02	27, 570, 722. 26	2, 288, 756, 099. 93

Deposits and purchases of silver during

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	1.80	3,442.18
Alabama		
Arizona		119,823.62
California		793,829.94
Colorado	.20	.28
Georgia		
Idaho	.74	8,574.88
Montana		17.82
Nevada		2,191,747.12
New Mexico		216.09
North Carolina	1.32	
Oregon	.15	4,078.61
South Carolina	6.03	
South Dakota		
Texas		.11
Utah		29.69
Virginia	134.17	
Washington		32.33
Wyoming	.10	
Philippine Islands		870,828.52
Puerto Rico	1.06	
Grains, receiving division	82.83	140.18
Operative recoveries (surplus bullion)		1,993.23
Total newly mined unrefined	228.40	3,994,754.60
Domestic—Newly mined (domestic refinery product):		
Less than 0.996 fine		3,793.37
0.996 fine and over	12,462,740.05	28,348,882.35
Total newly mined domestic	12,462,968.45	32,347,430.32
Domestic—Other:		
Secondary	21,943.03	78,712.33
Domestic coin:		
Purchased	1,782.79	235.82
From Treasury and Reserve Banks	1,714,569.35	161,212.73
Total domestic	14,201,233.62	32,587,591.20
IMPORTS:		
Bullion, unrefined		98,654.32
Bullion, refined:		
From domestic refineries		
Purchase Act Silver		7,911,416.89
Other		
Secondary	910.73	
Foreign coin		.07
Total imports	910.73	8,010,071.28
Total primary receipts	14,202,144.35	40,597,662.48
INTERMINT TRANSFERS		
Refined bars	814.81	
Unrefined bars		
Proof bullion		50.00
Assay coin	1,538.66	
Total interminit transfers	2,353.47	50.00
DEPOSITED IN TRUST BY OTHER GOVERNMENTS		
Imported bullion	6,592,843.61	199,411.67
Bullion from domestic refineries	459,487.07	
Total deposited in trust	7,052,330.68	199,411.67
Grand total fine ounces	21,256,828.50	40,797,124.15
VALUE—	*Value*	*Value*
Cost of acquisition	$8,870,836.23	$25,821,942.80
Cost of bullion transferred	562.49	21.25
Subsidiary coining value of transferred domestic coin	2,372,362.79	222,861.92
Monetary value (at $1.29+ per fine ounce) of bullion transferred	1,053.49	64.65
Monetary value (at $1.29+ per fine ounce) of silver acquired	16,145,551.50	52,281,470.35

the calendar year ended Dec. 31, 1941

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
30,344.10			66,579.07	100,367.15
		3.42		3.42
15.69				119,839.31
42.74		2.05	2.79	793,877.52
58,674.56				58,675.04
	11.20	23.86		35.06
11,743.11			6,831.72	37,150.45
145,571.83			15,854.94	161,444.59
4,802.02			3,099.49	2,199,648.63
697,482.62				697,698.71
				1.32
4,298.67			2,768.71	11,146.14
	4.62			10.65
50,277.30				50,277.30
				.11
456.57				486.26
				134.17
6,904.88			8,168.61	15,105.82
49.26				49.36
				870,828.52
		.88		1.94
23.30	22.31	.57	12.80	281.99
5,392.41	7,336.64		22.92	14,745.20
1,016,079.06	7,374.77	30.78	103,341.05	5,121,808.66
			4.05	
120,551.34				124,348.76
	24,439,649.14			65,251,271.54
1,136,630.40	24,447,023.91	30.78	103,345.10	70,497,428.96
6,992.97	98,109.18	4,308.50	1,916.26	211,982.27
				2,388.79
400.18				
674,099.81				2,549,881.89
1,818,123.36	24,545,133.09	4,339.28	105,261.36	73,261,681.91
	135,246.67	668.45		234,569.44
	65,832.91			65,832.91
	64,672,496.44			72,583,913.33
1,923.15	243,787.04			245,710.19
	170.27			1,081.00
	2.45			2.52
1,923.15	65,117,535.78	668.45		73,131,109.39
1,820,046.51	89,662,668.87	5,007.73	105,261.36	146,392,791.30
				814.81
				195,215.74
119,406.29	75,809.45			100.00
	50.00			1,538.66
119,406.29	75,859.45			197,669.21
				6,792,255.28
				459,487.07
				7,251,742.35
1,939,452.80	89,738,528.32	5,007.73	105,261.36	153,842,202.86
Value	*Value*	*Value*	*Value*	*Value*
$807,569.55	$42,088,807.99	$1,701.62	$66,055.53	$77,656,913.72
66,789.89	31,566.29			98,939.92
931,881.55				3,527,106.26
154,383.89	98,080.90			253,582.93
1,481,628.05	115,927,490.97	6,474.64	136,095.49	185,978,711.00

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1941

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$187,780.00	$3,180.00	$191,160.00
Eagles	82,330.00	835.00	83,165.00
Half eagles	69,500.00	625.00	70,125.00
Quarter eagles	15,067.50	432.50	15,500.00
3-dollar pieces	20.00	36.00	78.00
1-dollar pieces	144.00	114.00	258.00
Total gold, face amount	354,950.50	5,395.50	360,346.00
Total value of gold content at $35.67+ per ounce			339,152.87
Silver:			
Trade dollars		27.00	27.00
Standard dollars		310.00	310.00
Half dollars	1,647,404.50	1,830.00	1,649,234.50
Quarter dollars	1,563,927.00	1,967.25	1,565,894.25
20-cent pieces	1.60		1.60
Dimes	634,933.30	1,611.60	636,544.90
Half dimes	163.55	.90	164.45
3-cent pieces	29.31	.06	29.37
Total silver, face amount	3,848,459.26	5,760.81	3,854,220.07
Nickel:			
5-cent pieces	261,252.45	12.75	261,265.20
3-cent pieces	12.93		12.93
1-cent pieces	14.30		14.30
Total nickel, face amount	261,309.68	12.75	261,322.43
Bronze:			
2-cent pieces	13.30		13.30
1-cent pieces	73,998.71	8.93	74,007.64
Total bronze, face amount	74,012.01	8.93	74,020.94
Copper:			
1-cent pieces	21.29		21.29
½-cent pieces	.04		.04
Total copper, face amount	21.33		21.33
Total minor, face amount	335,343.02	21.68	335,364.70
Total face amount	4,538,752.78	11,183.99	4,549,936.77

SUMMARY

		Weights
Metal obtained by melting the above:		
Gold	fine ounces	17,374.02
Silver	do	2,533,509.34
Nickel	do	798,643.39
Bronze and copper	gross ounces	723,973.27
		Value
Monetary value of metal obtained:		
Gold [1]		$608,090.70
Silver		2,532,895.49
Nickel		248,411.69
Bronze and copper		72,197.33
Total		4,459,108.21
Loss by recoinage:		
Silver		323,817.58
Nickel		12,910.74
Bronze and copper		1,844.94
Total		338,573.26

[1] Gold at $35. per fine ounce.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Deposits and purchases of gold

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine source:	*Fine ounces*	*Fine ounces*
Alaska	13. 777	17, 396. 207
Alabama		
Arizona		45, 009. 479
California		887, 123. 273
Colorado	. 985	46. 335
Georgia	10. 555	3. 440
Idaho		14, 244. 822
Montana	9. 286	215. 683
Nevada		177, 830. 677
New Mexico		20. 589
North Carolina	5, 443. 479	
Oregon		23, 145. 518
South Carolina	13, 346. 140	
South Dakota		
Texas		1. 044
Utah		123. 243
Virginia	36. 254	
Washington		197. 609
Wyoming	1. 049	
Philippine Islands		578, 393. 616
Puerto Rico	3. 572	
Grains, receiving division	104. 965	138. 651
Operative recoveries (surplus bullion)	146. 355	4, 823. 341
Total newly mined unrefined	19, 116. 417	1, 748, 715. 527
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine		
0.995 fine and over		1, 044, 679. 666
Total newly mined domestic	19, 116. 417	2, 793, 395. 193
Domestic—Other:		
Secondary	66, 892. 460	22, 917. 759
Domestic coin:		
Purchased	9. 965	85. 198
From Treasury and Reserve banks		
Total domestic	86, 018. 842	2, 816, 398. 150
IMPORTS:		
Bullion, unrefined		234, 369. 260
Bullion, refined:		
From domestic refineries		79, 331. 233
Other		1, 979, 416. 200
Secondary	1, 692. 171	
Foreign coin	166. 073	324. 438
Total imports	1, 858. 244	2, 293, 641. 131
Total primary receipts	87, 877. 086	5, 110, 039. 281
REDEPOSITS		
From Treasury and Federal Reserve banks		
From other sources		
Total redeposits		
Total acquisitions	87, 877. 086	5, 110, 039. 281
INTERMINT TRANSFERS [1]		
Refined bars	27, 958. 704	
Unrefined bars		
Proof bullion		50. 000
Total intermint transfers	27, 958. 704	50. 000
Grand total, fine ounces	115, 835. 790	5, 110, 089. 281
VALUE:	*Value*	*Value*
Purchases at $20.67+ per ounce	$3, 884. 57	$3, 180. 00
Increment to $35 per ounce	2, 692. 49	2, 204. 27
Purchases at $35 per ounce	3, 069, 121. 07	178, 845, 990. 58
Domestic coin from other Treasury offices (melted)		
Intermint transfers	978, 554. 64	1, 750. 00
Total value at $35 per ounce	4, 054, 252. 77	178, 853, 124. 85

[1] In addition to the intermint transfers listed in this tabulation, refined gold bullion having a value of $1,004,487,044.14 was transferred from the New York Assay Office to the Depository at Fort Knox, Ky.

during the fiscal year 1942

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
183.019	411.251		601,512.816	619,517.070
		18.205		18.205
44.747	6.046			45,060.272
1.443		17.041	27.973	887,169.730
223,573.283				223,620.603
	5.471	135.217		154.683
16,532.074			41,460.909	72,237.805
71,499.726			36,809.143	108,533.838
2,099.940			24,528.697	204,459.314
9,786.990				9,807.579
	9.253			5,452.732
1,903.688			25,624.720	50,673.926
	7.100			13,353.330
37,411.380				37,411.380
				1.044
16,786.308				16,909.551
				36.254
23.679			6,150.981	6,372.269
447.636				448.685
				578,395.616
				3.572
85.122	51.102	34.344	109.695	523.879
370.551	1,060.997			6,401.244
380,749.586	1,551.310	204.807	736,224.934	2,886,562.581
			3,906.574	5,466.437
1,559.863				2,059,967.768
590,143.078	425,145.024			
972,452.527	426,696.334	204.807	740,131.508	4,951,996.786
20,242.095	110,006.407	10,702.742	6,046.476	236,807.939
7.731	53.835	3.982	1.685	162.396
13,445.715				13,445.715
1,006,148.068	536,756.576	10,911.531	746,179.669	5,202,412.836
	1,998,458.600	881.895	130.483	2,233,840.238
	215,322.134			301,524.691
6,871.324	9,113,498.000			11,092,914.200
	633.940			2,326.111
13.458	163,718.695	2.036	2.693	164,427.393
6,884.782	11,491,631.369	883.931	133.176	13,795,032.633
1,013,032.850	12,028,387.945	11,795.462	746,312.845	18,997,445.469
	16.911			16.911
	16.911			16.911
1,013,032.850	12,028,404.856	11,795.462	746,312.845	18,997,462.380
26,187,871.643				26,215,830.347
8,600,397.574	100,739.918			8,701,137.492
50.000			10.000	110.000
34,788,319.217	100,739.918		10.000	34,917,077.839
35,801,352.067	112,129,144.774	11,795.462	746,322.845	53,914,540.219
Value	*Value*	*Value*	*Value*	*Value*
$621.58	$2,718.67	$221.63	$227.07	$10,853.52
430.88	1,884.40	153.59	157.48	7,523.11
34,984,497.26	420,989,571.17	412,465.03	26,120,564.88	664,422,209.99
470,600.02			350.00	470,600.02
1,217,591,172.63	3,525,897.13			1,222,097,724.40
1,253,047,322.37	424,520,071.37	412,840.25	26,121,299.43	1,887,008,911.04

Deposits and purchases of silver

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	1.80	3,267.52
Alabama		
Arizona		88,659.59
California		635,851.13
Colorado	.20	9.57
Georgia	1.37	.10
Idaho		7,820.15
Montana	1.40	11.01
Nevada		1,962,180.75
New Mexico		216.09
North Carolina	18.49	
Oregon	6.03	3,712.82
South Carolina		
South Dakota		
Texas		.11
Utah		117.61
Virginia	.51	
Washington		33.01
Wyoming	.10	
Philippine Islands		486,889.10
Puerto Rico	.34	
Grains, receiving division	64.55	115.66
Operative recoveries (surplus bullion)		37,742.74
Total newly mined unrefined	94.79	3,226,626.96
Domestic—Newly mined (domestic refinery product):		
Less than 0.996 fine		4,171.39
0.996 fine and over	11,107,913.00	26,050,802.89
Total newly mined domestic	11,108,007.79	29,281,601.24
Domestic—Other:		
Secondary	20,475.05	44,996.23
Domestic coin—Purchased	1,713.17	793.57
From Treasury and Reserve Banks	1,365,920.26	92,442.92
Total domestic	12,496,116.27	29,419,833.96
IMPORTS:		
Bullion, unrefined		55,197.06
Bullion, refined:		
From domestic refineries		
Purchase Act Silver		4,899,640.62
Other		
Secondary	304.22	
Foreign coin		.06
Total imports	304.22	4,954,837.74
Total primary receipts	12,496,420.49	34,374,671.70
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		50.00
Assay coin	797.85	
Total intermint transfers	797.85	50.00
DEPOSITED IN TRUST BY OTHER GOVERNMENTS		
Imported bullion	3,922,070.21	2,217,808.88
Bullion from domestic refineries	1,205,635.17	
United States Government stamped bars	42.25	
Total deposited in trust	5,127,747.63	2,217,808.88
Grand total fine ounces	17,624,965.97	36,592,530.58
VALUE:	*Value*	*Value*
Cost of acquisitions	$7,906,639.56	$22,551,719.51
Cost of bullion transferred		20.44
Subsidiary coining value of transferred domestic coin	1,889,363.16	127,793.92
Monetary value (at $1.29+ per fine ounce) of bullion transferred		64.65
Monetary value (at $1.29+ per fine ounce) of silver acquired	14,360,949.78	44,324,497.78

during the fiscal year 1942

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
10,178.53			83,882.68	97,330.53
		1.85		1.85
6.19	0.71			88,666.49
.15		2.05	3.33	635,856.66
52,655.45				52,665.22
	1.23	14.39		17.09
6,658.98			10,084.84	24,563.97
135,969.78			26,104.60	162,086.79
1,167.60			8,162.36	1,971,510.71
538,266.63				538,482.72
	1.52			20.01
894.07			5,279.98	9,886.87
	.43			6.46
53,743.55				53,743.55
				.11
419.96				537.57
				.51
1,683.64			15,050.08	16,766.73
50.58				50.68
				486,889.10
				.34
51.01	17.63	32.98	33.30	315.13
14,003.46	9,915.94			61,662.14
815,749.58	9,937.46	51.27	148,001.17	4,201,061.23
			9.16	
121,546.07				125,726.62
	27,027,403.76			64,186,119.65
937,295.65	27,037,341.22	51.27	148,610.33	68,512,907.50
7,591.78	110,028.75	2,875.37	1,725.36	187,692.54
487.07	5.85			2,999.66
369,498.71				1,827,861.89
1,314,873.21	27,147,375.82	2,926.64	150,335.69	70,531,461.59
	124,792.00	412.05		180,401.11
	183,092.30			183,092.30
	48,514,483.54			53,414,124.16
	-230,987.42			230,987.42
	159.55			463.77
	2.64			2.70
	49,053,517.45	412.05		54,009,071.46
1,314,873.21	76,200,893.27	3,338.69	150,335.69	124,540,533.05
15,219.60				15,219.60
4,516,404.23	90,935.15			4,607,339.38
	3,047.00			3,097.00
				797.85
4,531,623.83	93,982.15			4,626,453.83
				6,139,879.09
				1,205,635.17
				42.25
				7,345,556.51
5,846,497.04	76,294,875.42	3,338.69	150,335.69	136,512,543.39
Value	*Value*	*Value*	*Value*	*Value*
$662,835.17	$39,010,077.94	$1,134.38	$98,436.03	$70,230,842.59
3,129,720.18	38,409.13			3,168,149.75
510,798.29				2,527,955.37
5,859,069.18	121,512.27			5,980,646.10
1,222,302.38	98,522,366.98	4,316.69	194,373.41	168,658,807.02

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.[4]	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,231	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,995,373	11,636,566	142,438,254	198,499,958	33,452,759	874,020,910
1901–10	1,027,923,021	24,424,096	292,990,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,682,006	1,058,976,705	498,731,121	71,703,836	2,894,605,222
1921–25	377,017,922	11,540,452	1,407,812,217	400,701,905	66,370,352	2,263,442,476
1926	72,415,516	2,088,208	81,815,854	10,693,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,284,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,136	42,724,624	12,654,429	179,645,929
1929	66,980,739	2,580,766	143,093,226	26,378,502	13,264,327	252,306,620
1930	87,028,852	1,665,345	76,983,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,998	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	259,567,854	15,595,624	17,762,724	426,747,725
1934 [2]	505,506,257	10,761,326	435,335,154	2,594,668	27,223,699	981,470,531
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,008,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,062	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,599
1938	209,045,356	[3] 3,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
1939	292,962,521	[3] 1,269,916	2,893,341,664	24,007,161	12,233,912	3,225,815,174
1940	209,712,611	826,025	2,854,616,654	16,663,782	11,140,063	3,086,259,085
1941	207,008,201	801,161	2,678,649,221	633,280,730	10,241,010	3,529,980,323
1942	173,077,508	476,284	477,071,187	5,754,909	8,531,249	664,911,187
Total	7,195,837,758	2,871,820,007	17,487,549,791	2,684,789,855	544,618,324	30,784,665,735

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are calculated on the basis of $35 per fine ounce; prior thereto on the basis of $20.67+per fine ounce.
[3] Includes coin converted into bullion.
[4] Beginning with fiscal year 1940 figures include domestic bullion only.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]	Character of silver deposited							Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.[4]	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
1873–80	*Fine ounces* 134,328,880	*Fine ounces* 938,884	*Fine ounces*	*Fine ounces* 9,650,739	*Fine ounces*	*Fine ounces* 2,432,822	*Fine ounces* 1,485,882	*Fine ounces* 148,834,907
1881–90	262,603,183	9,320,744		13,592,062		6,802,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524		10,741,204		3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,003,742	32,594,939	7,606,744	6,060,434	156,959,094
1911–20	75,026,914	18,198,526	708	19,881,277	[3] 4,288,901	17,880,262	7,687,482	142,964,070
1921–30	218,245,969	20,522,169		22,242,803		6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196		1,333,817		78,174	583,107	7,176,510
1932	594,613	4,937,134		920,943		365,720	679,242	7,566,652
1933	567,579	5,580,855		21,488,552		3,594	728,225	7,909,933
1934	10,909,547	3,026,105		204,409,533	[4] 42,324	17,468	586,338	38,028,030
1935	[5] 140,540,625	5,840,287		558,830,375	[4] 1,241	165,433	2,628,506	443,676,811
1936	[5] 48,146,962	4,765,179		337,409,003	1,000,917	867	630,566	614,375,240
1937	[5] 63,251,692	3,967,250		332,925,689		249,816	280,736	410,303,064
1938	69,031,701	3,644,395		196,287,444		577	217,188	170,197,909
1939	63,298,478	3,207,646		91,154,501		164,190	419,596	262,127,529
1940	62,532,500	2,966,176		54,009,668		211,920	202,127,529	166,056,820
1941	71,918,789	2,730,501				489	240,670	124,541,331
1942	68,450,990	1,831,660				3,281		
Total	1,576,841,182	146,301,241	618,724	2,167,914,483	36,927,425	46,873,499	39,973,215	4,015,739,769

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.
[6] Beginning with fiscal year 1940 figures include domestic bullion only.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1942

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$154,180.00	$1,860.00	$156,040.00
Eagles	64,200.00	650.00	64,850.00
Half eagles	52,740.00	485.00	53,225.00
Quarter eagles	7,632.50	292.50	7,925.00
$3 pieces	12.00	30.00	42.00
$1 pieces	83.00	90.00	173.00
Total gold, face amount	278,847.50	3,407.50	282,255.00
Total value of gold at $20.67+ per ounce			281,304.62
Silver:			
Trade dollars		12.00	12.00
Standard dollars		562.00	562.00
Half dollars	1,224,108.50	1,912.00	1,226,020.50
Quarter dollars	1,088,709.25	1,689.00	1,090,398.25
20-cent pieces	.80		.80
Dimes	449,245.20	1,509.60	450,754.80
Half dimes	60.15	.65	60.80
3-cent pieces	19.02	.06	19.08
Total silver, face amount	2,762,142.92	5,685.31	2,767,828.23
Nickel:			
5-cent pieces	255,031.25	6.10	255,037.35
3-cent pieces	14.64		14.64
1-cent pieces	16.73		16.73
Total nickel, face amount	255,062.62	6.10	255,068.72
Bronze:			
2-cent pieces	16.42		16.42
1-cent pieces	60,653.03	10.13	60,663.16
Total bronze, face amount	60,669.45	10.13	60,679.58
Copper:			
1-cent pieces	29.75		29.75
½-cent pieces	.04		.04
Total copper, face amount	29.79		29.79
Total minor, face amount	315,761.86	16.23	315,778.09
Total face amount	3,356,752.28	9,109.04	3,365,861.32

SUMMARY

Metal obtained by melting the above:	*Weights*
Gold, fine ounces	13,608.11
Silver, do	1,831,659.40
Nickel, gross ounces	780,597.71
Bronze and copper, do	592,149.13
Monetary value of metal obtained:	*Value*
Gold[1]	$476,283.89
Silver	2,532,102.11
Nickel	242,798.64
Bronze and copper	59,214.91
Total	3,310,399.55
Loss by recoinage:	
Silver	235,726.12
Nickel	12,270.08
Bronze and copper	1,494.46
Total	249,490.66

[1] At $35 per ounce.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1931	$1,193
1891–1900	106,188	1932	442
1901–10	14,939	1933	513
1911–20	13,986	1934	504
1921	948	1935	649
1922	2,447	1936	638
1923	2,635	1937	339
1924	1,918	1938	607
1925	1,773	1939	629
1926	2,594	1940	366
1927	3,638	1941	407
1928	1,394	1942	562
1929	852		
1930	1,329	Total	229,327

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1932	$7,482,437	$6,825,156	$657,281
1901–10	20,479,140	19,225,132	1,254,008	1933	8,467,446	7,715,023	752,423
1911–20	[2] 26,181,212	25,525,323	655,889	1934	7,563,736	6,948,272	615,464
1921	[2] 746,284	702,116	44,168	1935	8,828,214	8,074,032	754,182
1922	2,571,425	2,398,058	173,367	1936	7,200,195	6,587,520	612,675
1923	3,508,345	3,272,750	235,595	1937	6,026,887	5,526,508	500,379
1924	2,224,110	2,063,050	161,060	1938	5,514,687	5,038,320	476,367
1925	2,650,726	2,438,878	211,848	1939	4,861,773	4,434,279	427,494
1926	2,746,730	2,527,848	218,882	1940	4,530,970	4,140,548	390,422
1927	3,936,868	3,637,021	299,847	1941	4,122,939	3,774,669	348,270
1928	4,224,510	3,896,122	328,388	1942	2,767,828	2,532,102	235,726
1929	3,803,020	3,489,500	313,520				
1930	4,347,695	3,944,682	403,013	Total	205,248,041	192,276,871	12,971,170
1931	5,487,496	4,997,679	489,817				

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1942 (on quantity basis, see p. 48)

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$16,121,035	$227,110,800	$22,575	$243,254,410	6,950,126
Mexico	4,412,800	28,220,850	3,589,180	36,222,830	1,034,938
Cuba	58,205			58,205	1,663
Dominican Republic	596,540			596,540	17,044
British West Indies	1,330		350	1,680	48
Other N. American countries	4,585	58,730		63,315	1,809
Central America	1,715,420	1,760,815	4,025	3,480,260	99,436
South America:					
Argentina	32,760	52,500		85,260	2,436
Brazil	140			140	4
British Guiana	781,935			781,935	22,341
Chile	2,054,745	2,088,905		4,143,650	118,390
Colombia	22,721,790	1,050		22,722,840	649,224
Peru	6,413,400	2,001,965		8,415,365	240,439
Uruguay	115,465	56,350		171,815	4,909
Venezuela	4,298,245			4,298,245	122,807
Europe:					
Belgium	105		35	140	4
Denmark	595,210		1,657,250	2,252,460	64,356
France	665		560	1,225	35
Germany	2,485		630	3,115	89
Great Britain	1,174,355	1,484,945	448,385	3,107,685	88,791
Greece	13,125		21,560	34,685	991
Netherlands		13,652,275	665	13,652,940	390,084
Portugal	210	143,885	2,205	146,300	4,180
Spain			105	105	3
Sweden	805		70	875	25
Switzerland			1,260	1,260	36
Other Europe			210	210	6
Eurasia: Union of Socialist Soviet Republics		51,641,765	35	51,641,800	1,475,480
Asia:					
China	1,352,050	29,155		1,381,205	39,463
Dutch East Indies	4,166,330	25,709,740		29,876,070	853,602
India	5,209,715			5,209,715	148,849
Straits Settlements	1,845,025	315		1,845,340	52,724
Turkey			910	910	26
Other Asia	35		35	70	2
Africa:					
Belgian Congo		3,531,780		3,531,780	100,908
Liberia	263,200	34,300		297,500	8,500
French Equatorial Africa	1,663,585			1,663,585	47,531
Southern Rhodesia		74,900		74,900	2,140
Union of South Africa		3,515,855		3,515,855	100,453
Other Africa			315	315	9
Oceania:					
Australia		36,850,520		36,850,520	1,052,872
Fiji Islands	2,282,840			2,282,840	65,224
New Zealand	367,710	783,965		1,151,675	32,905
Unallocated			4,970	4,970	142
Total value	$78,265,845	$398,805,365	$5,755,330	$482,826,540	
Total ounces	2,236,167	11,394,439	164,438		13,795,044

Deposits of foreign silver bullion and coin during the fiscal year 1942 [1]

[On quantity basis, see p. 48]

Country	Fiscal year 1942		Country	Fiscal year 1942	
	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce		Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
REFINED BULLION			South America—Continued		
Mexico	235,008	$324,877	Venezuela	4,078	$5,637
Others	183,093	253,109	Other South American countries	130	180
CRUDE BULLION			Europe:		
North America:			Portugal	1	1
Cuba	301	416	Germany	29	40
Dominican Republic	2,931	4,052	Other European countries	37	51
Mexico	38,124	52,703	Asia:		
Central America:			China	1,251	1,729
Costa Rica	11,562	15,983	India	6,068	8,389
Guatemala	288	398	Straits Settlements	2,122	2,933
Honduras	1,365	1,887	Africa:		
Nicaragua	3,776	5,220	French Equatorial Africa	3,514	4,858
Panama	24	33	Liberia	316	437
Salvador	20,996	29,025	Oceania:		
Other Central American countries	75	104	Fiji Islands	18,190	25,159
South America:			New Zealand	299	413
British Guiana	1,439	1,989	Mixed foreign coin	3	4
Chile	8,466	11,704			
Colombia	1,068	1,477	Total fine ounces	594,947	
Ecuador	25,255	34,913	Total subsidiary coining value		822,460
Peru	25,129	34,739			

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 53,414,124 fine ounces for the fiscal year 1942.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 7,345,557 fine ounces not included in the above table and consisted of: Mexican refined, 3,922,075 fine ounces; Canada refined, 1,498,303 fine ounces; Philippine refined, 719,503 fine ounces; refined silver from domestic refineries, 1,205,634 fine ounces; and miscellaneous refined silver, 42 fine ounces.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,580,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,275,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,117,412		1,116,583,891
1937			46,020,018	1,621,523,270		1,575,503,252
1938			5,888,904	1,979,457,519		1,973,568,615
1939			508,063	3,574,658,840		3,574,150,777
1940			4,994,899	4,749,467,203		4,744,472,304
1941 [3]						
Total			6,775,189,492	24,546,824,275	1,191,187,150	18,962,821,933
Net imports						17,771,634,783

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.
[3] Figures will not be published for duration of war.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	168,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	76,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,536		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,587,587	17,699,977	92,287,564	69,595,936	22,691,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,049,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,533,396	102,725,135		86,173,799
1935			18,801,291	354,331,001		335,729,710
1936			11,965,493	182,816,199		179,850,706
1937			12,042,339	91,876,984		79,834,645
1938			7,082,153	230,331,137		223,448,984
1939			14,629,792	85,307,095		70,677,303
1940			3,674,385	58,433,866		54,759,481
1941 [3]						
Total			3,523,194,565	3,256,672,462	1,358,810,819	1,101,288,716
Net exports					257,522,103	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.
[3] Figures will not be published for duration of war.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30	Gold [1]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [2]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,017
1911–20	13,457,426	278,189,899	84,587,998		116,935,195
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,472	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,130,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,372,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,957,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
1939			7,978,145		11,029,058
1940			19,391,999		26,807,671
1941			35,598,407		49,211,332
1942			61,709,138		85,307,259
Total	181,073,828	3,743,128,177	1,182,406,697	884,572,989	688,001,056

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE[1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50)[2]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do.[2]	June 28, 1834	64.5	899.225		
Do.[2]	Jan. 18, 1837	64.5	900		
Do.[2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative: Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars[2]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar[2]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1941	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do [1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900	855, 611, 127	[2] $855, 611, 127. 00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900	35, 965, 924	35, 965, 924. 00
Do	Feb. 12, 1873	420	900	50, 026	50, 026. 00
Trade dollar [3 4]	Mar. 3, 1899	412½	900		
Dollar, commemorative: Lafayette	Apr. 2, 1792	208	892.4		
Half dollar	Jan. 18, 1837	206¼	900	393, 183, 192	296, 591, 596. 00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Do	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052. 50
Half dollar, commemorative:					
Columbian Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015. 00
Panama-Pacific International Exposition	June 1, 1918	192.9	900	100, 058	50, 029. 00
Illinois Centennial	May 10, 1920	192.9	900	50, 028	25, 014. 00
Maine Centennial	May 12, 1920	192.9	900	300, 165	150, 082. 50
Landing of Pilgrims Tercentennial	May 10, 1920	192.9	900	70, 044	35, 022. 00
Alabama Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014. 00
Missouri Centennial	Feb. 2, 1922	192.9	900	100, 061	50, 030. 50
Grant	Jan. 24, 1923	192.9	900	274, 077	137, 038. 50
Monroe Doctrine Centennial	Feb. 26, 1923	192.9	900	142, 080	71, 040. 00
Huguenot-Walloon	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354. 50
Stone Mountain	Jan. 14, 1925	192.9	900	162, 099	81, 049. 50
Battle Lexington-Concord	Feb. 24, 1925	192.9	900	150, 200	75, 100. 00
California Diamond Jubilee	do	192.9	900	50, 028	25, 014. 00
Fort Vancouver	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264. 00
Sesquicentennial Exhibition	Feb. 24, 1925	192.9	900	40, 034	20, 017. 00
Battle of Bennington	May 17, 1926	192.9	900	265, 419	132, 709. 50
Oregon Trail	Mar. 7, 1928	192.9	900	10, 008	5, 004. 00
Hawaiian Discovery	June 15, 1933	192.9	900	304, 152	152, 076. 50
Texas Centennial	May 26, 1934	192.9	900	108, 603	54, 301. 50
Daniel Boone Bicentennial	May 9, 1934	192.9	900	25, 015	12, 507. 50
Maryland Tercentennial	May 14, 1934	192.9	900	120, 166	60, 083. 00
Arkansas Centennial	June 21, 1934	192.9	900	25, 018	12, 509. 00
Connecticut Tercentennial	May 2, 1935	192.9	900	10, 008	5, 004. 00
City of Hudson, N. Y.	do	192.9	900	50, 034	25, 017. 00
Providence, R. I., Tercentennial	May 3, 1935	192.9	900	430, 224	215, 112. 00
California-Pacific Exposition	June 5, 1935	192.9	900	10, 008	5, 004. 00
Old Spanish Trail	Mar. 18, 1936	192.9	900	25, 023	12, 511. 50
Columbia, S. C., Sesquicentennial	Mar. 31, 1936	192.9	900	15, 016	7, 508. 00
Cincinnati, Ohio, fiftieth anniversary as music center	Apr. 13, 1936	192.9	900	100, 053	50, 026. 50
Long Island, N. Y., Tercentennial	May 5, 1936	192.9	900	50, 030	25, 015. 00
Great Lakes Exposition—Cleveland, Ohio, Centennial	do	192.9	900	25, 015	12, 507. 50
New Rochelle, N. Y., two hundred and fiftieth anniversary	May 15, 1936	192.9	900	25, 015	12, 507. 50
Bridgeport, Conn., Centennial	do	192.9	900	25, 015	12, 507. 50
Wisconsin Centennial	do	192.9	900	25, 015	12, 507. 50
Swedes' landing in Delaware, Tercentennial					

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	
		$1, 440, 517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6, 590, 721
		378, 166, 793
Act Feb. 28, 1878 (Bland-Allison Act)		
Act Feb. 28, 1878 (Bland-Allison Act), to date of repeal of purchasing clause	$36, 087, 285	
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	42, 130, 872	
Act Nov. 1, 1893, to June 12, 1898	108, 800, 188	
		187, 027, 345
Act June 13, 1898, war revenue bill		5, 078, 472
Act Mar. 3, 1887 and 1891, trade-dollar conversion		
Act Apr. 23, 1918, Pittman Act replacement:	$86, 730, 000	
Old design, since Feb. 21, 1921	183, 502, 722	
		270, 232, 722
Peace dollar, since Dec. 21, 1921		7, 021, 528
		53, 029
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		855, 611. 127
Total		

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,089,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1941	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103¼	900	1,031,921,145	257,980,286.25
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900	2,217,050,116	221,705,011.60
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20½	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [11]	Mar. 3, 1851	12¾	750	42,736,240	1,282,087.20
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver				4,887,401,543	1,680,289,464.20

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition	Total coined to Dec. 31, 1941	
		Grains	*Thousandths*	*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	[3]	2,662,699,732	$133,134,986.60
Do	Feb. 12, 1873				
3 cents (nickel) [1]	Mar. 3, 1865	30	[3]	31,378,316	941,349.48
Do.[1]	Feb. 12, 1873	30	[3]		
2 cents (bronze) [2]	Apr. 22, 1864	96	[4]	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208			
Do.[5]	Jan. 26, 1796	186	[5]	175,850,744	1,758,507.44
Do.[7]	Jan. 18, 1837	168			
Cent (nickel) [8]	Feb. 21, 1857	72	[6]	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	[4]		
Do	Feb. 12, 1873	48	[4]	9,564,937,498	95,649,374.98
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104			
Do.[6]	Jan. 25, 1796	84	[5]	7,981,822	39,909.11
Do.[7]	Jan. 18, 1837	84			
Total minor				12,689,221,112	234,443,867.61
Total coinage				17,928,168,013	6,440,951,809.31

[1] Discontinued by act of Sept. 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Composed of 88 percent copper and 12 percent nickel.
[9] Discontinued by act of Apr. 22, 1864.

United States Coins Carrying 1792 Date

It appears that an inconsiderable number of coins bearing the date 1792, of denominations dime, half-dime, and one cent, are in the hands of coin collectors. Such coins are not included in the Mint official coinage records, which have their initiation as of 1793. Evidently they were of a preliminary, if not experimental, nature. However, the coinage system was provided for by legislation of April 2, 1792, and May 8, 1792, and historical records, including the following excerpt from President George Washington's fourth report to the Congress of the United States, appear to authenticate the issue of coins in 1792. Excerpt from President Washington's report to Congress dated November 6, 1792:

> In execution of the authority given by the legislature, measures have been taken for engaging some artists from abroad to aid in the establishment of our Mint. Others have been employed at home. Provisions have been made for the requisite buildings, and these are now putting into proper condition for the purposes of the establishment. There has been a small beginning in the coinage of half dismes, the want of small coins in circulation calling the first attention to them.

Coinage of each mint, by face amount, with grand total

Denomination	Philadelphia, 1793–1941	San Francisco, 1854–1941	Denver, 1906–41
Gold:			
50 dollars		$150, 950. 00	
Double eagles	$1, 423, 602. 540. 00	1, 762, 690, 520. 00	$202, 160, 000. 00
Eagles	345, 549, 320. 00	145, 584, 060. 00	59, 062, 800. 00
Half eagles	209, 848, 105. 00	140, 140, 040. 00	26, 463, 300. 00
3 dollars	1, 357, 716. 00	186, 300. 00	
Quarter eagles	42, 413, 887. 50	1, 886, 297. 50	2, 704, 200. 00
Dollars	18, 573, 821. 00	115, 266. 00	
Total gold	2, 041, 345, 389. 50	2, 050, 753, 433. 50	350, 420, 300. 00
Silver:			
Dollars	423. 758, 122. 00	183, 504, 073. 00	47, 406, 100. 00
Trade dollars	5, 107, 524. 00	26, 647, 000. 00	
Half dollars	167, 674, 382. 00	64, 391, 850. 00	27, 495, 893. 50
Quarter dollars	180, 464, 509. 75	31, 816, 534. 25	28, 044, 300. 00
20 cents	11, 342. 00	231, 000. 00	
Dimes	150, 079, 011. 30	33, 148, 518. 90	29, 579, 380. 00
Half dimes	3, 948, 791. 90	119, 100. 00	
3 cents	1, 260, 487. 20		
Total silver	932, 304, 170. 15	340, 058, 076. 15	132, 525, 673. 50
Minor:			
5 cents	108, 036, 071. 60	10, 626, 200. 00	14, 472, 715. 00
3 cents	941, 349. 48		
2 cents	912, 020. 00		
1 cent	81, 432, 842. 42	8, 574, 200, 00	9, 408, 560. 00
Half cent	39, 909. 11		
Total minor	191, 362, 192. 61	19, 200. 400. 00	23, 881. 275. 00
Total face amount	3, 165, 011, 752. 26	2, 410. 011, 909. 65	506, 827, 248. 50
Total pieces	13, 680, 574, 790	2, 003, 222, 943	1, 766, 070, 807

Coinage of each mint during

BY NUMBER

Mint	1932	1933	1934	1935
Philadelphia: Gold	5, 564, 750	758, 000		
Silver	5, 404, 000		64, 150, 244	102, 140, 072
Minor	9, 062, 000	14, 360, 000	239, 293, 003	303, 652, 000
Total	20, 030, 750	15, 118, 000	303, 443. 247	405, 792, 072
San Francisco: Gold				
Silver	408, 000	1, 786, 000	4, 663, 000	27, 590, 655
Minor				49, 002, 000
Total	408, 000	1, 786, 000	4. 663, 000	76, 592, 655
Denver: Gold				
Silver	436, 800	5, 250	14, 237, 106	19, 283, 320
Minor	10, 500, 000	6, 200, 000	35, 926, 000	39, 092, 000
Total	10, 936, 800	6, 205, 250	50, 163, 106	78, 375, 320
All mints: Grand total pieces	31, 375, 550	23, 109, 250	358, 269, 353	560, 760, 047

pieces, since organization to close of business, Dec. 31, 1941

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total, face amount	Total pieces
				$150, 950. 00	3, 019
				3, 482, 112, 120. 00	174, 105, 606
$16, 375, 500. 00	$17, 283, 560. 00			576, 834, 850. 00	57, 683, 485
23, 610, 890. 00	2, 997, 780. 00			394, 559, 345. 00	78, 911, 869
4, 618, 625. 00	3, 548, 085. 00	$4, 405, 135. 00	$5, 536, 055. 00	3, 360. 00	539, 792
72, 000. 00			3, 360. 00	1, 619, 376. 00	20, 426, 833
3, 023, 157. 50		544, 915. 00	494, 625. 00	51, 067, 082. 50	19, 874, 754
1, 004, 000. 00		109, 138. 00	72, 529 00	19, 874, 754. 00	
48, 704, 172. 50	23, 829, 425. 00	5, 059, 188. 00	6, 106, 569. 00	4, 526, 218, 477. 50	351, 545, 358
				855, 661, 153. 00	855, 661, 153
187, 111, 529. 00	13, 881, 329. 00			35, 965, 924. 00	35, 965, 924
	4, 211, 400. 00			302, 533, 777. 00	605, 067, 554
40, 117, 338. 00	2, 654, 313. 50			257, 990, 292. 00	1, 031, 961, 168
15, 085, 750. 00	2, 579, 198. 00			271, 000. 00	1, 355, 000
	28, 658. 00			221, 705, 011. 60	2, 217, 050, 116
6, 807, 990. 60	2, 090, 110. 80			4, 880, 219. 40	97, 604, 388
812, 327. 50				1, 282, 087. 20	42, 736, 240
21, 600. 00					
249, 956, 535. 10	25, 445, 009. 30			1, 680, 289, 464. 20	4, 887, 401, 543
				133, 134, 986. 60	2, 662, 699, 732
				941, 349. 48	31, 378, 316
				912, 020. 00	45, 601, 000
				99, 415, 602. 42	9, 941, 560, 242
				39, 909. 11	7, 981, 822
				234, 443, 867. 61	12, 689, 221, 112
298, 660, 707. 60	49, 274, 434. 30	5, 059, 188. 00	6, 106, 569. 00	6, 440, 951, 809. 31	17, 928, 168, 013
419, 076, 513	56, 636, 119	1, 208, 131	1, 378, 710		

the past 10 calendar years

OF PIECES

1936	1937	1938	1939	1940	1941	Total
						6, 322, 750
141, 772, 083	86, 398, 955	35, 818, 947	108, 124, 032	110, 244, 352	278, 361, 256	932, 413, 941
428, 638, 989	388, 665, 089	176, 212, 099	437, 107, 055	763, 325, 030	1, 090, 322, 820	3, 850, 638, 085
570, 411, 072	475, 064, 044	212, 031, 046	545, 231, 087	873, 569, 382	1, 368, 684, 076	4, 789, 374, 776
17, 080, 111	13, 500, 519	10, 944, 024	15, 725, 110	34, 354, 000	67, 298, 000	193, 319, 419
44, 060, 000	40, 135, 000	19, 285, 000	58, 700, 000	152, 630, 000	135, 805, 000	499, 617, 000
61, 140, 111	53, 635, 519	30. 229, 024	74, 425, 110	186, 984, 000	203, 073, 000	692, 936, 419
25, 991, 538	23, 044, 625	6, 050, 620	35, 758, 908	23, 995, 600	73, 597, 200	222, 400, 907
65, 434, 000	68, 256, 000	32, 406, 000	18, 674, 000	124, 930, 000	182, 132, 000	603, 550, 000
91, 425, 538	91, 300, 625	38, 456, 620	54, 432, 908	148, 925, 600	255, 729. 200	825, 950, 907
722, 976, 721	620, 000, 188	280, 716, 690	674, 089, 105	1, 209, 478, 982	1, 827, 486, 276	6, 308, 262, 162

Coinage of each mint during the

BY FACE AMOUNT

Mint and denomination	1932	1933	1934	1935
PHILADELPHIA				
Gold: Double eagles	$22,035,000.00	$8,910,000.00		
Eagles	44,030,000.00	3,125,000.00		
Half eagles				
Quarter eagles				
Total gold	66,065,000.00	12,035,000.00		
Silver: Dollars			$954,057.00	$1,878,000.00
Half dollars			3,602,067.50	4,625,035.00
Quarter dollars	1,351,000.00		7,978,013.00	8,121,000.00
Dimes			2,408,000.00	5,882,000.00
Total silver	1,351,000.00		14,942,137.50	20,205,035.00
Minor: 5 cents			1,010,650.15	2,973,200.00
1 cent	90,620.00	143,600.00	2,190,800.00	2,433,880.00
Total minor	90,620.00	143,600.00	3,201,450.15	5,407,080.00
Total face amount	68,106,620.00	12,178,600.00	18,143,587.65	25,572,115.00
SAN FRANCISCO				
Silver: Dollars			1,011,000.00	1,964,000.00
Half dollars		893,000.00	1,826,000.00	2,063,327.50
Quarter dollars	102,000.00			1,415,000.00
Dimes				1,584,000.00
Total silver	102,000.00	893,000.00	2,837,000.00	7,026,327.50
Minor: 5 cents				515,000.00
1 cent				387,020.00
Total minor				902,020.00
Total face amount	102,000.00	893,000.00	2,837,000.00	7,928,347.50
DENVER				
Silver: Dollars			1,569,500.00	
Half dollars		2,625.00	1,184,203.00	1,513,160.00
Quarter dollars	109,200.00		881,800.00	1,445,000.00
Dimes			677,200.00	1,047,700.00
Total silver	109,200.00	2,625.00	4,312,703.00	4,005,860.00
Minor: 5 cents			374,000.00	604,000.00
1 cent	105,000.00	62,000.00	284,460.00	470,000.00
Total minor	105,000.00	62,000.00	658,460.00	1,074,000.00
Total face amount	214,200.00	64,625.00	4,971,163.00	5,080,460.00
ALL MINTS				
Grand total face amount	68,422,820.00	13,136,225.00	25,951,750.65	38,580,923.50

past 10 calendar years—Continued

AND DENOMINATION

1936	1937	1938	1939	1940	1941	Total
						$30,945,000.00
						47,755,000.00
						78,700,000.00
						2,530,057.00
$6,482,058.00	$4,915,828.50	$2,070,087.00	$3,412,958.00	$4,583,639.50	12,103,706.00	41,795,380.50
10,325,959.25	4,925,385.50	2,370,011.25	8,387,198.75	8,928,811.50	19,761,821.75	72,149,201.00
8,730,413.00	5,686,573.60	2,219,872.80	6,774,932.10	6,536,182.70	17,510,655.70	55,769,031.90
25,538,430.25	15,527,789.60	6,659,971.05	18,575,088.85	20,048,633.70	49,376,183.45	172,244,270.40
5,950,071.00	3,974,288.45	975,768.25	6,031,376.75	8,824,957.90	10,164,186.00	39,844,498.50
3,096,375.69	3,091,793.20	1,566,967.34	3,164,795.20	5,868,258.72	8,870,391.00	30,537,481.15
9,046,446.69	7,066,081.65	2,542,735.59	9,196,171.95	14,693,216.62	19,034,577.00	70,381,979.65
34,604,876.94	22,593,871.25	9,202,706.64	27,771,260.80	34,741,850.32	68,410,760.45	321,326,250.05
						2,975,000.00
2,021,055.50	1,054,259.50	11,012.00	1,278,555.00	2,275,000.00	4,049,000.00	15,471,209.50
957,000.00	413,000.00	708,000.00	657,000.00	2,061,000.00	4,020,000.00	10,333,000.00
921,000.00	974,000.00	809,000.00	1,054,000.00	2,156,000.00	4,309,000.00	11,807,000.00
3,899,055.50	2,441,259.50	1,528,012.00	2,989,555.00	6,492,000.00	12,378,000.00	40,586,209.50
746,500.00	281,750.00	205,250.00	331,500.00	1,984,500.00	2,172,250.00	6,236,750.00
291,300.00	345,000.00	151,800.00	520,700.00	1,129,400.00	923,600.00	3,748,820.00
1,037,800.00	626,750.00	357,050.00	852,200.00	3,113,900.00	3,095,850.00	9,985,570.00
4,936,855.50	3,068,009.50	1,885,062.00	3,841,755.00	9,605,900.00	15,473,850.00	50,571,779.50
						1,569,500.00
2,242,769.00	854,512.50	256,810.00	2,136,454.00		5,624,200.00	13,814,733.50
1,343,500.00	1,797,400.00		1,773,000.00	699,400.00	4,178,700.00	12,228,000.00
1,613,200.00	1,414,600.00	553,700.00	2,439,400.00	2,119,800.00	4,563,400.00	14,429,000.00
5,199,469.00	4,066,512.50	810,510.00	6,348,854.00	2,819,200.00	14,366,300.00	42,041,233.50
1,240,700.00	891,300.00	619,800.00	175,700.00	2,177,000.00	2,671,600.00	8,754,700.00
400,200.00	504,300.00	200,100.00	151,600.00	813,900.00	1,287,000.00	4,284,560.00
1,646,900.00	1,395,600.00	819,900.00	327,300.00	2,990,900.00	3,958,600.00	13,039,260.00
6,846,369.00	5,462,112.50	1,630,410.00	6,676,154.00	5,810,100.00	18,324,900.00	55,080,493.50
46,388,101.44	31,123,993.25	12,718,178.64	38,289,169.80	50,157,850.32	102,209,510.45	426,978,523.05

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			80,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,220			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,392,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,080,670	655,390		85,037.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			796,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,853,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,899,520	2,811,090	2,660,535		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,520	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	294,980	69,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	297,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,300	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	734,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	$50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$796,270	$205,530	$125,460	$9,850.00	$108,920
1875		32,737,820	76,350	105,240	60	30,600.00	420
1876		46,399,920	104,280	61,920	155	23,662.50	2,245
1877		42,304,700	231,460	182,660	4,464	22,600.00	2,920
1878		45,905,000	1,091,170	1,027,470	240,972	1,100,650.00	2,029
1879		29,989,200	6,125,520	2,727,155	9,090	231,225.00	2,030
1880		17,749,120	21,715,160	22,891,765	3,108	7,650.00	1,630
1881		14,985,200	48,796,250	32,456,430	1,650	1,700.00	7,090
1882		23,295,400	24,740,640	17,831,895	4,620	10,100.00	5,040
1883		26,980,040	2,595,400	1,647,990	2,820	4,900.00	10,940
1884		19,944,200	2,189,950	1,922,250	3,318	4,962.50	6,205
1885		16,875,560	4,815,270	5,965,630	2,730	2,217.50	12,205
1886		22,120	10,821,600	18,282,160	3,425	10,220.00	6,016
1887		5,962,420	8,706,900	9,960,435	16,690	15,705.00	8,543
1888		21,717,320	8,600,310	1,999,980	15,873	40,245.00	16,080
1889		16,995,120	4,299,850	37,825	7,287	44,120.00	30,729
1890		19,590,080	755,430	256,540		22,632.50	
1891		25,891,340	1,956,000	1,347,965		27,600.00	
1892		19,228,700	9,817,400	5,724,700		8,302.50	
1893		27,178,320	20,132,450	9,610,985		25,205.00	
1894		48,350,800	26,632,780	5,152,275		10,305.00	
1895		45,163,120	7,168,200	7,280,680		15,297.50	
1896		43,931,740	2,000,000	1,672,315		68,005.00	
1897		57,070,220	12,774,000	6,166,415		74,760.00	
1898		54,912,400	12,837,970	10,154,475		60,412.50	
1899		73,560,680	21,403,520	16,278,645		68,375.00	
1900		86,681,080	3,749,600	8,673,650		158,012.50	
1901		84,196,520	46,696,160	21,320,200		228,307.50	
1902		82,697,580	5,525,130	5,527,810		324,332.50	[1] 75,000
1903		84,826,960	7,796,970	10,488,120		503,142.50	[1] 175,178
1904		227,819,440	2,206,880	2,445,690		402,400.00	[1] 25,028
1905		87,449,220	5,705,240	5,915,040		544,803.00	[1] 25,041
1906		55,113,800	16,903,920	6,394,100		441,225.00	
1907		96,656,620	26,828,740	7,570,900		841,120.00	
1908		109,283,200	14,815,240	6,149,430		1,412,642.50	
1909		59,774,140	5,967,130	21,910,490		1,194,747.50	
1910		60,788,340	34,903,440	7,840,250		1,231,705.00	
1911		26,392,000	5,909,950	12,918,195		1,896,677.50	
1912		2,966,480	7,650,820	3,906,720		1,540,602.50	
1913		11,926,760	5,686,710	6,620,495		1,805,412.50	
1914		14,391,000	7,023,300	3,765,625		1,720,202.50	
1915	[2]$150,000	15,920,000	1,295,000	1,200,000		[4] 1,540,202.50	[5] 25,084
1916							[6] 20,026
1917							[7] 10,014
1918							
1919							
1920		15,726,000	1,295,000				
1921		10,570,000					[8] 10,016
1922		80,670,000					
1923		45,205,000					
1924		206,060,000					
1925		190,925,000				1,445,000.00	
1926		90,785,000	10,140,000			[9] 1,615,565.00	
1927		124,675,000				970,000.00	
1928		176,226,000				1,940,000.00	
1929		52,395,000		3,210,000		1,350,000.00	
1930		1,890,000	900,000				
1931		60,895,000					
1932		22,625,000	44,630,000				
1933		8,910,000	3,125,000				
1934 [3]							
Total: 1874–1934	150,950	2,901,646,129	621,177,910	225,969,960	449,493	24,216,780.00	692,927
1795–1873		580,466,000	55,656,940	68,989,385	[1] 109,893	26,730,262.50	[10] 191,927
Grand total	150,950	3,482,112,129	676,834,850	294,959,345	1,619,376	51,967,042.50	10,874,754

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,000.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $100,005 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States. * * * All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."
[9] Includes $1,615,565.00 Oregon Trail memorial coins.
[10] Coinage of half dollars discontinued in 1915.

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		$1,758	$2,650.00				
1795		203,033	158,922.00				
1796		72,920		$1,473.50	$2,213.50	$4,320.80	
1797		7,776	1,959.00	63.00	2,526.10	511.50	
1798		327,536			2,755.00	2,226.35	
1799		423,515					
1800		220,920			2,175.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,095.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	165,861.00	30,348.50	12,078.00	780.00	
1806			419,778.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,852.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,398.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,238.70		
1821			652,898.50	54,212.75	118,651.40		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,000.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,998,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	93,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,862.00	214,250.00	310,750.00	58,250.00	
1843		165,100	3,056,000.00	463,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	6,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	550,905.00
1853		46,110	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,720,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,092,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		162,700	769,100.00	31,500.00	72,625.00	18,595.00	153.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873	$1,225,000	293,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—239,121,584 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875 [1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876 [1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877 [1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878 [1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,651,156.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,020,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,835,587.50	3,890,143.75	3,453,704.50		
1908			5,819,686.50	3,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,730.00	1,277,175.00	3,453,070.00		
1913			663,313.50	693,853.25	2,027,063.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,449.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,855,480.00		
1919			1,830,500.00	3,775,000.00	5,452,900.00		
1920			6,308,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		86,631,000	1,220,038.50	2,760,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,965,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,882,872.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
1940			6,858,639.50	11,689,211.50	10,811,982.70		
1941			21,776,906.00	27,900,021.75	26,383,035.70		
Total:							
1874–1941	34,740,924	847,629,915	201,992,524.00	235,702,270.50	212,462,932.40		
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	$4,880,219.40	$1,282,087.20
Grand total	35,965,924	855,661,153	302,533,777.00	257,990,292.00	221,705,011.60	4,880,219.40	1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				$1,122.12	$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.81	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,000.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864			$396,950.00	529,737.14	
1865		$341,460.00	272,800.00	354,202.86	
1866	$737,125.00	144,030.00	63,540.00	98,205.00	
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	
1868	1,440,850.00	97,360.00	56,075.00	102,665.00	
1869	819,750.00	48,120.00	30,930.00	64,200.00	
1870	240,300.00	40,050.00	17,225.00	52,750.00	
1871	28,050.00	18,120.00	14,425.00	39,295.00	
1872	301,800.00	25,860.00	1,300.00	40,420.00	
1873	227,500.00	35,190.00		116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,900.00	4,800.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,512.00	
1880	997.75	748.65		389,640.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	739.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		252,617.42	
1885	73,824.50	143.70		117,653.84	
1886	196,514.50	128.70		176,542.90	
1887	763,182.60	238.83		432,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.51	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			385,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,262,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			618,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.56	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.50			1,178,787.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,966.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			6,889,350.00	
1920	4,110,000.00			4,056,850.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,255.00			1,889,080.00	
1926	2,565,650.00			1,890,380.00	
1927	2,357,050.00			1,858,800.00	
1928	1,839,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,200.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
1937	5,147,338.45			3,941,093.20	
1938	1,800,818.25			1,918,867.34	
1939	6,538,578.75			3,837,095.20	
1940	12,986,457.90			7,811,538.72	
1941	15,008,036.00			11,080,991.00	
Total:					
1874–1941	127,794,136.60	73,509.48		94,485,777.98	
1793–1873	5,340,850.00	867,840.00	$912,020.00	4,929,824.44	$39,909.11
Grand total	133,134,986.60	941,349.48	912,020.00	99,415,602.42	39,909.11

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793			$1,281.79	$1,281.79
1794		$4,408.00	9,593.21	14,001.21
1795	$71,485.00	366,275.80	498.00	438,258.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,995.00	684,300.00	13,092.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,883.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,690.00	16,344.25	2,110,679.25
1827	131,565.00	2,889,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,630.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	2,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,733,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,282.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,880.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,030.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,081,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,686.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,097,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800. 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 945. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 185. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29, 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542. 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 69	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 951. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1896	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	26, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 469. 75	2, 120, 122. 08	134, 693, 779. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 970. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233, 402, 428. 00	15, 695, 609. 05	1, 683, 529. 35	250, 781, 567. 30
1905	49, 638, 441. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 045. 00	10, 651, 027. 85	2, 800, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 125. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 929. 83	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 340, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 385. 47	33, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968, 401. 50	4, 114, 097. 50	2, 062, 889. 70	30, 145, 388. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 476. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 080. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 992. 04	31, 445, 691. 04
1919	16, 990, 000. 00	11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	10, 570, 000. 00	25, 057, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	80, 080, 016. 00	89, 057, 535. 50	1, 135, 310. 00	100, 782, 845. 50
1922	45, 365, 000. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	206, 010, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	192, 380, 000. 00	21, 627, 040. 00	2, 309, 690. 00	229, 946, 730. 00
1925	78, 540, 565. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	125, 645, 000. 00	19, 825, 806. 50	4, 461, 630. 00	102, 828, 001. 50
1927	177, 360, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	40, 235, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	2, 440, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400. 00
1930	60, 895, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
1931	66, 665, 000. 00	621, 000. 00	307, 420. 00	61, 823, 420. 00
1932	12, 035, 000. 00	1, 592, 200. 00	195, 620. 00	68, 422, 820. 00
1933		895, 625. 00	205, 600. 00	13, 136, 225. 00
1934		22, 091, 840 50	3, 859, 910. 15	25, 951, 750. 65
1935		31, 237, 223. 50	7, 343, 700. 00	58, 580, 923. 50
1936		34, 656, 954. 75	9, 088, 431. 65	46, 388, 101. 44
1937		22, 035, 561. 60	3, 719, 685. 59	31, 123, 993. 25
1938		8, 995, 493. 05	10, 375, 671. 95	12, 718, 178. 64
1939		27, 913, 497. 85	20, 798, 016. 62	38, 280, 169. 80
1940		29, 359, 833. 70	26, 080, 027. 00	50, 157, 850. 32
1941		76, 120, 483. 45		102, 209, 510. 45
Total 1874–1941	3, 674, 104, 040. 00	1, 532, 799, 565. 90	222, 353, 424. 06	5, 429, 257, 029. 96
1793–1873	852, 114, 437. 50	147, 480, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 526, 218, 477. 50	1, 680, 289, 464. 20	234, 443, 867. 61	6, 440, 951, 809. 31

Income and expenses of the United States Mint

Item	Philadelphia Mint	San Francisco Mint	Denver Mint
INCOME			
Revenue:			
Melting charges on bullion receipts	$7,932.72	$21,809.03	$5,606.24
Parting and refining charges on bullion		157,657.13	79,916.03
Handling charges on gold receipts	7,676.81	367,520.57	87,421.36
Handling charges on gold sales	974.28	244.84	39.27
Bar charges on issue bars	208.44	47.80	
Charges on proof coins sold	19,688.60		
Charges on accepted altered coins	195.20	4.00	
Transportation charges on bullion			
Proceeds of medals sold	3,380.24	26.00	
Receipts for special assays made on bullion and ores	291.00	25.00	270.00
Value of bullion recovered incident to receipt of deposits	2,564.12	6,718.15	7,987.80
Value of bullion recovered from refining and coining operations (net)		182,837.08	18,167.83
Gain on lightweight and multilated coin purchased for recoinage	19.01	25.03	7.29
Gain on bullion shipments (net)			
Proceeds of sale of old material	1,907.05	193.55	272.94
Fines and penalties (bullion and coin forfeitures)		15,635.25	
Commission on telephone calls	107.24		94.22
Seignorage on subsidiary silver coinage	25,309,643.07	8,350,911.41	8,693,488.01
Seignorage on minor coinage (nickel)	7,237,115.99	1,223,573.34	1,714,163.21
Seignorage on minor coinage (bronze)	9,478,024.45	1,472,945.08	2,103,338.16
Salary refund for jury service			
Total revenue	42,069,788.22	11,800,173.26	12,710,772.36
Appropriation earnings:			
Charges for manufacture of foreign coin	517,792.00	500,797.82	
Charges for manufacture of special medals	9,204.94		
Charges for work and supplies for other institutions	79,739.88		
Total earnings	606,736.82	500,797.82	
Total income	42,676,525.04	12,300,971.08	12,710,772.36
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin (between mints and assay offices)	380.27	240,807.57	66.64
Personnel	2,112,124.17	938,985.59	793,115.38
Operative waste of monetary metals	31,898.44		
Loss on operative sweeps sold	1,574.25	2,257.29	1,000.66
Other expenses, including supplies, materials, equipment, and miscellaneous items	390,718.98	132,391.39	180,334.00
Interinstitution items not involving appropriation transfers	62,913.15	27,313.65	28,727.00
Total payable from appropriations	2,473,782.96	1,341,755.49	1,003,243.68
Payable from revenue:			
Expenses of distributing minor coin	286,615.19	56,643.03	75,238.60
Wastage of operative departments, minor metals	24,576.21	1,163.38	983.65
Forwarding cost of domestic silver bullion by Seattle Assay Office for account of Denver Mint			
Total payable from revenue	311,191.40	57,806.41	76,222.25
Total expenses	2,784,974.36	1,399,561.90	1,079,465.93

establishment for the fiscal year ended June 30, 1942

New York Assay Office and auxiliary West Point bullion depository	New Orleans Mint	Seattle Assay Office	Fort Knox bullion depository	Office of the Director of the Mint	Total
					$61, 801. 88
$21, 060. 00	$1, 293. 39	$4, 100. 50			563, 296. 30
325, 725. 22					1, 334, 983. 40
806, 044. 47	1, 028. 23	65, 291. 96			4, 669. 27
3, 410. 88					1, 970. 28
1, 653. 99					19, 688. 63
					199. 20
					1, 501. 85
		1, 501. 85			3, 406. 24
					1, 880. 50
648. 00	448. 50	198. 00			
					70, 190. 37
49, 176. 55	1, 213. 23	11, 530. 52			
					242, 599. 55
41, 594. 64					
					51. 55
. 22					1, 231. 03
	245. 08	985. 95			2, 520. 75
	147. 21				15, 638. 57
					201. 46
3. 32					42, 354, 042. 49
					10, 174, 832. 54
					13, 054, 307. 69
					27. 06
27. 06					
1, 249, 344. 35	4, 375. 64	83, 608. 78			67, 918, 062. 61
					1, 018, 589. 82
					9, 204. 94
					79, 739. 88
					1, 107, 534. 64
1, 249, 344. 35	4, 375. 64	83, 608. 78			69, 025, 597. 25
					448, 047. 66
182, 967. 51	16, 325. 67	7, 500. 00			4, 561, 705. 98
471, 470. 29	20, 063. 11	34, 916. 09	$71, 425. 41	$119, 605. 94	31, 898. 44
					5, 027. 18
194. 98					
73, 526. 52	1, 619. 28	3, 251. 35	4, 915. 65	14, 297. 00	801, 054. 17
5, 909. 75	918. 25	30. 00	14. 50		
734, 069. 05	38, 926. 31	45, 697. 44	76, 355. 56	133, 902. 94	5, 847, 733. 43
					418, 496. 82
					26, 723. 24
		1, 759. 28			1, 759. 28
		1, 759. 28			446, 979. 34
734, 069. 05	38, 926. 31	47, 456. 72	76, 355. 56	133, 902. 94	6, 294, 712. 77

Appropriations, reimbursements, expenses, and balances of the Mint establishment, fiscal year ended June 30, 1942

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated	[1] $121,020.00	$14,300.00	[2] $687,500.00	$822,820.00
Expended	119,605.94	14,297.00	[3] 448,047.66	581,959.60
Unexpended balance	1,414.06	3.00	239,452.34	240,869.40
FIELD SERVICE				
Appropriated				[4] 4,592,255.00
Reimbursed:				
Philadelphia Mint				606,736.82
San Francisco Mint				500,797.82
Available				5,699,789.64
Expended:				
Philadelphia Mint	2,112,124.17	424,191.67	(380.27)	2,536,315.84
San Francisco Mint	938,985.59	134,648.68	[5] (240,807.57)	1,073,634.27
Denver Mint	793,115.38	181,334.66	(66.64)	974,450.04
New York Assay Office	471,470.29	73,721.50	[6] (182,967.51)	545,191.79
New Orleans Mint	20,063.11	1,619.28	[7] (16,325.67)	21,682.39
Seattle Assay Office	34,916.09	3,251.35	(7,500.00)	38,167.44
Fort Knox depository	71,425.41	4,915.65		76,341.06
Total expended	4,442,100.04	823,682.79	448,047.66	5,265,782.83
Unexpended balance				434,006.81
TOTAL, ENTIRE SERVICE				
Appropriated				5,415,075.00
Reimbursed				1,107,534.64
Available				6,522,609.64
Expended				5,847,733.43
Unexpended balance				674,876.21

[1] Includes $1,480 provided by Third Supplemental National Defense Appropriation Act, 1942.
[2] $187,500 appropriation, "Transportation, bullion and coin, mints and assay offices, 1942," and $500,000 appropriation, "Transportation of bullion and coin, mints and assay offices 1942–43."
[3] Chargeable as indicated below, in parentheses, to the several offices.
[4] Includes $4,855 provided by Third Supplemental National Defense Appropriation Act 1942 and $1,395,900 provided by First Deficiency Act 1942.
[5] $240,263.13 chargeable special gold movements San Francisco to Denver.
[6] $181,855.73 chargeable special gold movement New York to Fort Knox.
[7] Includes $16,000 for moving silver dollars to Washington on closing of New Orleans Mint.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1942

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	199,600,474	$6,986,016.50	255,741,213.32	$292,065,802.79
San Francisco	9,331,998,774	326,619,957.12	553,093,039.73	490,973,720.44
Denver	164,446,212.000	5,755,617,420.56	80,850,591.98	40,336,262.06
ASSAY OFFICES				
New York (including West Point depository)	30,299,179.600	1,060,471,289.28	1,629,808,837.74	1,340,476,622.16
Seattle	70,421.554	2,464,755.09	17,303.12	11,803.44
BULLION DEPOSITORY				
Fort Knox	445,259,383.764	15,584,078,431.36		
Total	649,606,796.166	22,736,237,869.91	2,519,510,985.89	2,163,864,210.89

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$310,677.85	$210,009,826.81	$4,644,014.87	
San Francisco		83,584,804.03	414,900.00	$84,400.00
Denver		56,419,207.57	1,204,548.75	122,100.00
ASSAY OFFICES				
New York (including West Point depository)	136.36	62,068,229.30		3,984,000.00
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	310,814.21	412,082,067.71	6,263,463.62	4,190,500.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$501,349.56	$68,968.21	$298,650.44	$514,885,307.03
San Francisco	61,070.39	7,732.74	38,929.61	901,785,514.33
Denver	66,610.04	22,400.75	33,389.96	5,853,821,939.69
ASSAY OFFICES				
New York (including West Point depository)				2,467,000,277.10
Seattle				2,476,558.53
BULLION DEPOSITORY				
Fort Knox				15,584,078,431.36
Total	629,029.99	99,101.70	370,970.01	25,324,048,028.04

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1943—Continued

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$513,701,107.53	$800,000.00	$382,911.65	$1,287.85	$514,885,307.03
San Francisco	901,675,739.78	100,000.00	7,732.74	2,041.81	901,785,514.33
Denver	5,853,699,481.79	100,000.00	22,457.90		5,853,821,939.69
ASSAY OFFICES					
New York (including West Point depository)	2,466,999,593.02			684.08	2,467,000,277.10
Seattle	2,476,558.53				2,476,558.53
BULLION DEPOSITORY					
Fort Knox	15,584,078,431.36				15,584,078,431.36
Total	25,322,630,912.01	1,000,000.00	413,102.29	4,013.74	25,324,048,028.04

[1] Includes unclassified counter cash: Philadelphia, $3,738.86; San Francisco, $2,170.63; Denver, $736.62; and New York, $9,229.30.

Stock of domestic coin in the United States, June 30, 1942 [1]

On June 30, 1942, the stock of domestic coin in the United States was $1,301,639,122 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1941	$994,325,676	$199,364,371	$1,193,690,047
Coinage executed during fiscal year 1942	85,307,259	25,698,921	111,006,180
Imports, United States coin, fiscal year 1942	209,410		209,410
Total	1,079,842,345	225,063,292	1,304,905,637
Less:			
Exports United States coin, fiscal year 1942	83,000		83,000
United States coin withdrawn from monetary use, face amount, fiscal year 1942	2,767,815	315,700	3,083,515
United States coin used in the industrial arts, and general disappearance, estimated fiscal year 1942	100,000		100,000
Total	2,950,815	315,700	3,266,515
Estimated stock of coin in United States, June 30, 1942	1,076,891,530	224,747,592	1,301,639,122

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined to June 30, 1942, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 229,327, and the number of Hawaiian dollars melted to June 30, 1942, was 455,329, a total disposition of 301,699,520, leaving in the United States on June 30, 1942, 547,077,254 standard silver dollars and 529,814,276 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	606,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,289	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.63	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,272,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,896,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,088	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157,476	122.82	16.44	139.26
1940	132,130	19,963,091	2,302,501	151.09	17.43	168.52
1941	133,212	22,624,197	2,430,234	169.84	18.24	188.08
1942	134,474	22,736,704	2,582,735	169.08	19.21	188.29

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce, which compares with the previous $20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

On December 31, 1941, the stock of domestic coin in the United States was $1,259,174,354 as shown in the table below:

Stock of domestic coin in the United States, Dec. 31, 1941 [1]

Item	Silver	Minor	Total
Estimated stock of coin in United States, Dec. 31, 1940	$971,863,164	$189,378,186	$1,161,241,350
Coinage executed, calendar year 1941	76,120,483	26,089,027	102,209,510
Imports, United States coin, calendar year 1941	188,996		188,996
Total	1,048,172,643	215,467,213	1,263,639,856
Less:			
Exports, United States coin, calendar year 1941	176,000		176,000
United States coin withdrawn from monetary use, calendar year 1941, face amount	3,854,199	335,303	4,189,502
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1941	100,000		100,000
Total	4,130,199	335,303	4,465,502
Estimated stock of coin in United States Dec. 31, 1941	1,044,042,444	215,131,910	1,259,174,354

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1941, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000: the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142: those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722: those melted otherwise (mutilated, etc.) since 1883 numbered 228,889, and the number of Hawaiian dollars melted to Dec. 31, 1941, was 455,329; a total disposition of 301,699,082, leaving in the United States on Dec. 31, 1941, 547,077,692 standard silver dollars and 496,964,752 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1941

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	182,018,261	$6,370,639.13	259,173,232.44	$294,320,210.45
San Francisco	23,106,962.968	808,743,703.87	552,622,283.60	492,721,734.30
Denver	148,890,299.585	5,211,160,485.80	82,135,524.69	38,899,786.70
ASSAY OFFICES				
New York (including West Point depository)	60,794,912.165	2,127,821,925.78	1,618,185,590.22	1,317,468,722.39
New Orleans	3,569.513	124,932.94	1,201.84	433.99
Seattle	62,078.644	2,172,752.55	13,900.79	8,967.46
BULLION DEPOSITORY				
Fort Knox	416,559,753.932	14,579,591,387.22		
Total	649,599,395.068	22,735,985,827.29	2,512,131,733.58	2,143,419,855.29

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1941—Continued

ASSETS—Continued

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	8,966.78	$210,339,536.91	358,048.39	
San Francisco		84,038,187.61	387,600.00	$112,200.00
Denver		51,749,014.51	129,524.40	117,200.00
ASSAY OFFICES				
New York (including West Point depository)	62.76	62,135,111.94		3,531,972.00
New Orleans		6,378,373.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	9,029.54	414,640,223.97	875,172.79	3,761,372.00

Institution	Minor coinage metals	Reimbursable loses on melted coin	Checking credit with U. S. Treasurer	Total assets
COINAGE MINTS				
Philadelphia	731,983.19	68,435.12	68,016.81	512,265,836.78
San Francisco	78,062.46	4,901.00	21,937.54	1,386,108,326.78
Denver	75,358.55	13,153.21	24,641.45	5,302,169,164.62
ASSAY OFFICES				
New York (including West Point depository)				3,510,957,794.87
New Orleans				6,503,739.93
Seattle				2,181,720.01
BULLION DEPOSITORY				
Fort Knox				14,579,591,387.22
Total	885,404.20	86,489.33	114,595.80	25,299,777,970.21

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$511,279,363.74	$800,000	$185,185.19	$1,287.85	$512,265,836.78
San Francisco	1,385,993,015.52	100,000	4,901.00	10,410.26	1,386,108,326.78
Denver	5,302,055,743.76	100,000	13,420.86		5,302,169,164.62
ASSAY OFFICES					
New York (including West Point depository)	3,510,957,515.83			279.04	3,510,957,794.87
New Orleans	6,503,739.93				6,503,739.93
Seattle	2,181,720.01				2,181,720.01
BULLION DEPOSITORY					
Fort Knox	14,579,591,387.22				14,579,591,387.22
Total	25,298,562,486.01	1,000,000	203,507.05	11,977.15	25,299,777,970.21

[1] Includes unclassified counter cash: Philadelphia, $3,440.03; San Francisco, $7,928.31; Denver, $782.21; New York, $1,111.94.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	.....	.....	3,818	30,000	105,007
1874	60,972	9,540	.....	.....	5,536	39,607	115,655
1875	45,382	8,259	.....	.....	3,711	31,696	89,048
1876	41,912	9,580	.....	.....	3,220	44,533	99,260
1877	76,662	10,902	.....	.....	5,306	39,059	131,989
1878	122,137	6,323	.....	.....	8,192	39,768	176,420
1879	129,920	5,317	.....	.....	21,551	53,601	210,369
Calendar year:							
1879	95,790	62,000	.....	.....	98,105	46,844	302,739
1880	61,481	93,790	.....	.....	92,185	150,086	397,542
1881	84,690	88,720	.....	.....	101,115	210,776	485,257
1882	119,523	51,501	.....	.....	75,326	234,206	480,556
1883	152,608	65,667	.....	.....	73,447	228,297	520,019
1884	171,553	63,163	.....	.....	76,171	215,813	526,700
1885	75,435	72,938	.....	.....	96,742	313,346	558,461
1886	187,197	81,431	.....	.....	97,781	223,200	589,609
1887	182,619	123,145	.....	.....	99,162	245,146	650,072
1888	227,854	97,457	.....	.....	78,224	246,218	649,753
1889	246,402	67,266	.....	.....	84,416	235,435	633,519
1890	226,220	67,646	.....	.....	80,362	274,056	648,284
1891	196,634	83,576	.....	.....	91,890	253,765	625,865
1892	156,662	81,827	.....	.....	100,991	242,622	582,102
1893	73,624	84,632	.....	.....	151,234	281,940	591,430
1894	91,781	47,107	.....	.....	151,117	248,788	538,793
1895	83,187	29,444	.....	.....	147,308	242,645	502,584
1896	121,746	54,648	.....	.....	161,828	251,011	589,233
1897	152,488	45,279	.....	.....	187,609	252,419	637,795
1898	141,070	140,049	.....	.....	263,590	286,892	831,900
1899	257,306	143,078	.....	.....	203,701	293,388	897,473
1900	328,453	153,095	.....	.....	199,350	307,870	988,768
1901	417,343	123,736	.....	.....	190,172	318,389	1,049,640
1902	458,160	159,971	.....	.....	178,147	324,253	1,120,531
1903	478,970	209,437	.....	.....	170,547	352,731	1,191,685
1904	647,262	49,187	.....	.....	195,125	325,262	1,216,822
1905	662,154	101,184	.....	.....	196,081	327,549	1,287,568
1906	737,677	156,543	.....	.....	188,096	376,007	1,458,323
1907	788,468	162,937	.....	.....	203,289	457,995	1,612,689
1908	924,317	111,041	.....	.....	209,186	411,606	1,656,150
1909	934,863	97,347	.....	.....	213,991	392,508	1,638,649
1910	982,586	120,726	.....	.....	227,978	378,745	1,710,035
1911	1,001,413	183,089	.....	.....	235,185	379,941	1,799,628
1912	995,209	258,858	.....	.....	240,452	385,718	1,880,237
1913	987,678	303,585	.....	.....	232,799	380,632	1,904,694
1914	879,413	304,905	22,658	60	168,660	437,839	1,813,035
1915	1,042,686	648,785	15,450	.....	118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928	.....	120,396	520,251	2,842,804
1917	679,308	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,892	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,600,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	310,783	3,324,705	174,612	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,423
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	772,708	2,269,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,808	286,082	207,688	12,971	305,633	4,369,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,531	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,257,967	0	0	0	0	8,257,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624
1939	(4)	17,643,577	0	0	0	0	17,643,577
1940	(4)	21,994,775	0	0	0	0	21,994,775
1941	(4)	22,736,556	0	0	0	0	22,736,556

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–10 [1]	$461,306,021	$58,613,159	$34,283,578	$554,202,758
1911	51,143,245	9,370,356	4,619,825	64,533,426
1912	51,388,352	11,413,021	7,939,870	70,761,243
1913	41,299,073	12,696,925	7,813,558	61,809,556
1914	35,421,165	6,142,090	7,626,125	49,189,380
1915	38,564,526	8,361,692	2,971,471	49,897,689
1916	52,210,988	12,019,899	2,742,312	66,973,199
1917	27,090,143	50,023,842	2,656,203	79,770,188
1918	31,322,709	202,503,389	8,601,568	242,427,666
1919	14,440,703	181,671,933	14,066,084	210,178,720
1920	4,902,478	83,438,040	5,970,531	94,311,049
1921	11,843,103	29,916,641	2,942,981	44,702,725
1922	10,682,662	45,097,143	1,001,128	56,780,933
1923	6,315,293	62,066,275	681,762	69,063,330
1924	23,418,769	79,593,935	2,064,232	105,076,936
1925	8,371,476	79,782,973	6,454,557	94,609,006
1926	3,799,262	80,853,036	3,891,161	88,543,459
1927	2,399,847	54,748,487	2,699,776	59,848,110
1928	544,052	80,062,220	4,036,456	84,672,728
1929	83,562	60,150,728	2,554,128	62,788,418
1930	2,053,773	47,320,561	1,521,589	50,895,923
1931	4,653,396	16,434,212	2,669,278	23,757,086
1932	607,091	9,883,473	3,359,330	13,849,894
1933	6,595,946	8,609,403	3,835,626	19,040,973
1934	6,628,829	1,351,145	8,571,362	16,551,336
1935	296,384	----------	18,504,907	18,801,291
1936	13,500	----------	1,227,806	1,241,306
1937	196,755	2,542	753,138	952,435
1938	89,591	75	700,627	790,293
1939	5,757,886	546,580	2,008,390	8,312,856
1940	----------	1,359,350	1,983,834	3,343,184
1941 [2]	----------	----------	----------	----------
Total	903,440,780	1,294,062,693	170,173,193	2,367,676,666

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Data will not be published for duration of war.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232,194,271	$20,240,746	$54,866,527	$313,301,544
1891–1900	269,872,576	63,081,893	61,808,088	394,763,457
1901–10	425,855,098	38,176,749	17,907,809	481,939,656
1911	43,131,303	5,208,615	----------	48,339,918
1912	58,181,441	9,329,080	----------	67,510,521
1913	47,793,897	3,674,207	9,295	51,477,399
1914	27,554,123	243,325	1,216	27,798,664
1915	18,454,444	24,332	32,435	18,511,211
1916–18 [2]	----------	----------	----------	----------
1919	1,546,832	2,766,240	----------	4,313,072
1920	18,662,366	24,727,149	----------	43,389,515
1921	30,756,772	16,789,537	----------	47,546,309
1922	34,480,053	16,457,043	----------	50,937,096
1923	42,617,483	10,115,264	----------	52,732,747
1924	21,651,852	1,791,582	138,744	23,582,178
1925	24,391,638	3,945,189	3,261	28,340,088
1926	37,277,181	1,736,732	1,325,776	40,339,689
1927	23,439,762	694,776	10,804	24,136,342
1928	19,756,973	11,262,890	963,718	31,983,581
1929	19,215,677	5,648,167	----------	24,863,844
1930	27,487,140	6,634,738	145,854	34,267,732
1931 [3]	14,272,412	3,955,470	392,919	18,620,801
1932	2,634,319	4,907,127	241,020	7,782,466
1933	2,720,612	380,255	216,461	3,317,328
1934	4,653,756	21,003	170,574	4,845,333
1935	3,725,447	1,550,346	----------	5,275,793
1936	46,764,042	905	38,244	46,803,191
1937	16,999,886	770	270,916	17,271,572
1938 [4]	2,595,904	1,253	----------	2,508,157
1939 [5]	5,985,152	----------	----------	5,985,152
1940 [5]	----------	----------	----------	----------
1941 [5]	----------	----------	----------	----------

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.
[4] From Year Book, American Bureau of Metal Statistics.
[5] For first 6 months only.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2, 628, 688			162, 343, 853
1881–82 to 1886–87			5. 126, 298			158, 666, 897
1887–88 to 1890–91	3. 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490. 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6. 817, 312	647, 286	6, 224, 026	70, 378, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2. 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345. 645	−955, 649	241, 747, 804	4. 719, 187	237, 028, 617
1919–20	7, 829, 436	2. 222. 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 782
1920–21	3. 727, 580	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 708, 936	2, 049, 292	−240, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5. 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9. 892	4, 319, 356	107, 836, 545	14, 578, 488	93. 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19. 975. 224	102. 354, 159
1925–26	6. 201. 515	65, 934	6, 135, 581	108, 346. 651	14. 982. 897	93, 363, 754
1926–27	3. 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 785, 585	3. 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2. 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 286	37, 861, 476	−32, 989, 090
1934–35	70, 992	5, 774, 812	−5, 696, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4. 019, 262	49, 836, 880	48, 320, 802	1, 516, 078
1936–37 [2]	172, 781	3, 182, 817	−3, 010, 036	112. 255, 948	2, 144, 483	110, 111, 465
1937–38	169, 525	1, 937, 987	−1, 768, 462	24, 143, 546	8, 364, 562	15, 778, 984
1938–39	80, 355	1, 435, 067	−1, 354, 712	17, 005, 976	6, 006, 016	11. 899, 960
1939–40 [3]	156, 132	3, 019, 293	−2, 863, 161	32, 079, 275	22, 382, 276	9, 696, 999
1940–41 [3]						

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] For first 10 months only: Apr. 1, 1939, to Jan. 31, 1940.
[3] Data not available.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold, (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 teals, or 285.33 rupees per 100 ounces was taken as the basis o fthe value of the annual imports.

Price of silver in London and in New York, 1941–42

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
1941	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
January	23¾	23⅜	23. 2727	4. 0342	0. 42291	0. 35062
February	23⅞	23¼	23. 3406	4. 0297	.42367	.35062
March	23½	23⅜	23. 4464	4. 0319	.42582	.35062
April	23½	23½	23. 5000	4. 0248	.42605	.35062
May	23½	23⅜	23. 4574	4. 0310	.42593	.35062
June	23¾	23⅜	23. 4000	4. 0316	.42496	.35062
July	23½	23¼	23. 3967	4. 0323	.42496	.35062
August	23½	23⅜	23. 4594	4. 0318	.42604	.35062
September	23½	23½	23. 5000	4. 0327	.42688	.35062
October	23½	23½	23. 5000	4. 0329	.42690	.35062
November	23½	23½	23. 5000	4. 0342	.42704	.35084
December	23½	23½	23. 5000	4. 0350	.42713	.35437
1942						
January	23½	23½	23. 5000	4. 0350	.42713	.35437
February	23½	23½	23. 5000	4. 0350	.42713	.35437
March	23½	23½	23. 5000	4. 0348	.42711	.35437
April	23½	23⅞	23. 4970	4. 0350	.42707	.35437
May	23½	23½	23. 5000	4. 0350	.42713	.35437
June	23½	23½	23. 5000	4. 0350	.42713	.35437
Average, calendar year 1941			23. 4390	4. 0318	.42568	.35095
Average, fiscal year 1941–42			23. 4870	4. 0340	.42680	.35284

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken as the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1. 29375	$1. 25500	$1. 27195	1908	$0. 58875	$0. 48250	$0. 53496
1875	1. 26125	1. 21000	1. 23883	1909	.54500	.50750	.52163
1876	1. 26000	1. 03500	1. 14950	1910	.57625	.50750	.54245
1877	1. 26000	1. 16000	1. 19408	1911	.57500	.52125	.54002
1878	1. 20750	1. 08500	1. 15429	1912	.65625	.53250	.62006
1879	1. 16750	1. 06500	1. 12088	1913	.65125	.58000	.61241
1880	1. 15000	1. 11250	1. 13931	1914	.60875	.49000	.56331
1881	1. 14500	1. 11000	1. 12823	1915	.58000	.47750	.51062
1882	1. 15000	1. 09000	1. 13855	1916	.79125	.57250	.67151
1883	1. 11750	1. 09500	1. 10874	1917	1. 16500	.73125	.84000
1884	1. 13250	1. 08000	1. 11161	1918	1. 01937	.88937	.98445
1885	1. 09500	1. 02750	1. 06428	1919	1. 38250	1. 01375	1. 12087
1886	1. 03500	.92500	.99880	1920	1. 37875	.60375	1. 01940
1887	1. 03500	.95000	.97899	1921	.73813	.53188	.63096
1888	.97750	.92000	.94300	1922	.74188	.62875	.67934
1889	.97250	.92500	.93634	1923	.69000	.62875	.65239
1890	1. 20500	.95750	1. 05329	1924	.72375	.63000	.67111
1891	1. 07500	.94750	.99033	1925	.73187	.66812	.69406
1892	.95250	.83000	.87552	1926	.68937	.51812	.62428
1893	.85000	.65000	.78219	1927	.60312	.54187	.56080
1894	.70000	.59500	.64043	1928	.63937	.56812	.58488
1895	.69000	.60000	.66268	1929	.57812	.46812	.53306
1896	.70250	.65625	.68195	1930	.47187	.31062	.38466
1897	.66125	.52750	.60774	1931	.37562	.26062	.29013
1898	.62250	.55125	.59064	1932	.31312	.24562	.28204
1899	.64750	.58625	.60507	1933	.45312	.24812	.34997
1900	.65750	.59750	.62065	1934	.56062	.42062	.48283
1901	.64500	.54750	.59703	1935	.81312	.50062	.64582
1902	.56875	.47375	.52815	1936	.50062	.45062	.45399
1903	.62375	.47500	.54208	1937	.47062	.45062	.45195
1904	.62500	.53375	.57843	1938	.45062	.43062	.43537
1905	.66500	.55625	.61008	1939	.43062	.35062	.39395
1906	.72375	.63125	.67379	1940	.35937	.35062	.35085
1907	.71000	.52750	.65978	1941	.35437	.35062	.35095

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 1/4	59 3/16	1.297	1888	44 9/16	41 5/8	42 7/8	0.93974
1834	60 3/4	59 1/4	59 15/16	1.313	1889	44 3/8	41 15/16	42 1/16	.93511
1835	60	59 1/4	59 1/16	1.308	1890	54 5/8	43 3/8	47 3/4	1.04634
1836	60 1/4	59 3/8	60	1.315	1891	48 3/4	43 1/2	45 1/16	.98800
1837	60 3/4	59	59 9/16	1.305	1892	43 3/4	37 7/8	39 3/4	.87145
1838	60 1/8	59 1/2	59 1/2	1.304	1893	38 1/4	30 1/2	35 5/16	.78030
1839	60 3/8	60	60 3/8	1.323	1894	31 3/8	27	28 15/16	.63479
1840	60 3/8	60 1/16	60 3/8	1.323	1895	31 1/8	27 3/16	29 1/16	.65406
1841	60 3/8	59 3/4	60 5/16	1.316	1896	31 15/16	29 1/4	30 1/16	.67565
1842	60	59 1/4	59 7/16	1.303	1897	29 13/16	23 3/8	27 5/16	.60438
1843	59 5/8	59	59 5/16	1.297	1898	28 3/8	25	26 15/16	.59010
1844	59 3/8	59 1/4	59 1/2	1.305	1899	29	26 5/8	27 5/16	.60154
1845	59 7/8	58 7/8	59 1/4	1.298	1900	30 1/4	27	28 5/16	.62007
1846	60 1/4	59	59 5/16	1.300	1901	29 5/16	24 15/16	27 5/16	.59955
1847	60 3/8	58 7/8	59 13/16	1.308	1902	26 1/16	21 11/16	24 1/16	.52795
1848	60	58 1/2	59 1/2	1.304	1903	28 1/2	21 13/16	24 3/8	.54257
1849	60	59 1/2	59 3/4	1.309	1904	28 5/16	24 7/16	26 13/32	.57876
1850	61 1/2	59 1/2	60 1/16	1.316	1905	30 1/16	25 7/16	27 13/16	.61027
1851	61 3/8	60	61	1.337	1906	33 1/8	29	30 7/8	.67689
1852	61 7/8	59 7/8	60 1/2	1.326	1907	32 7/16	24 1/4	30 1/16	.66152
1853	61 7/8	60 3/4	61 1/2	1.348	1908	27	22	24 13/32	.53490
1854	61 7/8	60 7/8	61 1/2	1.348	1909	24 7/8	23 1/16	23 29/32	.52016
1855	61 5/8	60	61 5/16	1.344	1910	26 1/4	23 3/16	24 7/32	.54077
1856	62 1/4	60 1/2	61 5/16	1.344	1911	26 1/4	23 11/16	24 19/32	.53928
1857	62 5/8	61	61 3/4	1.353	1912	29 11/16	25 1/4	28 1/16	.61479
1858	61 7/8	60 3/4	61 5/16	1.344	1913	29 1/8	26 1/8	27 1/16	.60458
1859	62 1/4	61 3/4	62 1/16	1.360	1914	27 1/4	22 1/8	25 1/4	.55312
1860	62 3/4	61 1/4	61 13/16	1.352	1915	27 1/4	22 1/16	23 5/8	.51892
1861	61 3/4	60 3/8	60 13/16	1.333	1916	37 3/8	26 11/16	31 3/8	.68647
1862	62 1/4	61	61 7/16	1.346	1917	55	35 1/16	40 13/16	.89525
1863	61 3/4	61	61 3/8	1.345	1918	49 1/2	42 1/2	47 1/32	1.04171
1864	62 1/2	60 5/8	61 3/8	1.345	1919	79 1/4	47 3/4	57 1/32	1.25947
1865	61 3/4	60 1/2	61 1/16	1.338	1920	80 1/2	38 7/8	61 11/32	1.34649
1866	62 1/4	60 3/4	61 1/8	1.339	1921	43 1/8	30 5/8	36 23/32	.80522
1867	61 1/4	60 3/8	60 7/16	1.328	1922	37 3/8	30 3/4	34 13/32	.75403
1868	61 1/8	60 1/4	60 1/2	1.326	1923	33 11/16	30 1/2	31 15/16	.70028
1869	61	60	60 5/16	1.325	1924	36 1/16	31 1/2	33 11/32	.74456
1870	60 3/4	60 1/4	60 3/16	1.328	1925	33 5/16	31 5/16	32 5/32	.70246
1871	61	60 1/16	60 1/2	1.326	1926	31 13/16	24 1/16	28 1/16	.62873
1872	61 1/4	59 1/4	60 5/16	1.322	1927	28	24 3/4	26 1/16	.57070
1873	59 15/16	57 5/8	59 1/16	1.29769	1928	28 7/8	26 1/16	26 3/4	.58267
1874	59 1/2	57 1/4	58 5/16	1.27883	1929	26 7/16	24 5/16	24 15/32	.53631
1875	57 5/8	55 1/2	56 13/16	1.24233	1930	24 5/8	14 5/16	17 21/32	.38724
1876	58 1/2	46 3/4	52 3/4	1.16414	1931	21 9/16	12	14 17/32	.29176
1877	58 1/4	53 1/4	54 13/16	1.20189	1932	20 7/16	16 3/8	17 27/32	.28116
1878	55 1/4	49 1/2	52 13/16	1.15358	1933	20 1/2	16 1/2	18 9/32	.34581
1879	53 3/4	48 5/8	51 1/4	1.12392	1934	25 1/4	18 3/16	21 7/32	.48122
1880	52 15/16	51 1/2	52 1/4	1.14507	1935	36 1/4	20 7/8	28 15/16	.63933
1881	52 7/8	50 7/8	51 13/16	1.13229	1936	22 15/16	19	20 1/16	.44934
1882	52 3/4	50	51 3/8	1.13562	1937	21 1/2	18 3/16	20 1/16	.44687
1883	51 7/16	50 1/16	50 7/16	1.10874	1938	20 3/16	18 3/8	19 5/32	.42989
1884	51 3/8	49 1/2	50 1/16	1.11008	1939	23 1/2	16 1/16	20 13/32	.40776
1885	50	46 7/8	48 1/16	1.06510	1940	23 1/2	20 1/16	22 9/32	.38458
1886	47	42	45 3/8	.99467	1941	23 1/2	23 1/16	23 15/32	.42568
1887	47 1/8	43 1/4	44 13/16	.97946					

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce			United States equivalent of London price [1]—		Percent premium of average price above Bank of England's minimum buying rate
				For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£	s.	d.			
1870	3	17	9.01	$18.9190	$20.6389	0.00107
1871	3	17	9.01	18.9190	20.6389	.00107
1872	3	17	9.24	18.9237	20.6440	.02572
1873	3	17	9.28	18.9245	20.6449	.03001
1874	3	17	9.00	18.9188	20.6387	----------
1875	3	17	9.23	18.9235	20.6438	.02465
1876	3	17	9.30	18.9249	20.6453	.03215
1877	3	17	9.44	18.9273	20.6480	.04502
1878	3	17	9.41	18.9271	20.6477	.04394
1879	3	17	9.11	18.9210	20.6411	.01179
1880	3	17	9.15	18.9218	20.6420	.01608
1881	3	17	9.35	18.9259	20.6464	.03751
1882	3	17	9.43	18.9275	20.6482	.04609
1883	3	17	9.18	18.9224	20.6426	.01929
1884	3	17	9.32	18.9253	20.6458	.03430
1885	3	17	9.17	18.9222	20.6424	.01822
1886	3	17	9.10	18.9208	20.6409	.01072
1887	3	17	9.01	18.9190	20.6389	.00107
1888	3	17	9.21	18.9231	20.6434	.02251
1889	3	17	9.04	18.9196	20.6396	.00429
1890	3	17	9.44	18.9277	20.6484	.04716
1891	3	17	10.29	18.9450	20.6673	.13826
1892	3	17	10.17	18.9425	20.6645	.12540
1893	3	17	10.57	18.9506	20.6734	.16827
1894	3	17	9.33	18.9255	20.6460	.03537
1895	3	17	9.03	18.9194	20.6393	.00322
1896	3	17	10.16	18.9423	20.6643	.12433
1897	3	17	11.13	18.9640	20.6880	.23901
1898	3	17	10.48	18.9484	20.6710	.15648
1899	3	17	9.27	18.9243	20.6447	.02894
1900	3	17	9.91	18.9373	20.6589	.09753
1901	3	17	9.83	18.9356	20.6570	.08896
1902	3	17	9.55	18.9300	20.6509	.05895
1903	3	17	10.06	18.9403	20.6621	.11361
1904	3	17	9.94	18.9379	20.6595	.10075
1905	3	17	9.42	18.9273	20.6480	.04502
1906	3	17	9.82	18.9354	20.6568	.08789
1907	3	17	10.19	18.9429	20.6650	.12755
1908	3	17	9.18	18.9224	20.6426	.01929
1909	3	17	9.03	18.9194	20.6393	.00322
1910	3	17	9.00	18.9188	20.6387	----------
1911	3	17	9.00	18.9188	20.6387	----------
1912	3	17	9.00	18.9188	20.6387	----------
1913	3	17	9.04	18.9196	20.6396	.00429
1914	3	17	9.00	18.9188	20.6387	----------
1915	3	17	9.00	18.9188	20.6387	----------
1916	3	17	9.00	18.9188	20.6387	----------
1917	3	17	9.00	18.9188	20.6387	----------
1918						
British mint price per standard ounce (0.916⅔)	3	17	10.50	18.9492	----------	.16077
Equivalent per fine ounce	4	4	11.45+	----------	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3	17	9.00	18.9188	----------	----------
Equivalent per fine ounce	4	4	9.82—	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce	United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£ s. d.		*Percent*		
1919	4 10 1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	5 12 11.52	27.4863	33.17875	3.6643	20.6960
1921	5 7 .50	26.0463	26.20109	3.8491	20.6007
1922	4 13 3.80	22.7066	10.01952	4.4292	20.6659
1923	4 10 2.90	21.9583	6.39381	4.5748	20.6419
1924	4 13 8.30	22.7978	10.46141	4.4171	20.6923
1925	4 5 5.60	20.7964	.76410	4.8289	20.6355
1926	4 4 11.10	20.6646	.12549	4.8582	20.6291
1927	4 4 11.20	20.6667	.13561	4.8610	20.6430
1928	4 4 11.20	20.6667	.13561	4.8662	20.6651
1929	4 4 11.35	20.6697	.15020	4.8569	20.6287
1930	4 4 11.93	20.6814	.20689	4.8621	20.6625
1931	4 12 6.23	22.5126	9.07954	4.5350	20.9787
1932	5 18 .82	28.7293	39.20110	3.5061	20.6980
1933	6 4 10.40	30.3836	47.21663	4.2368	28.4518
1934 (equivalents at old parity)	6 17 7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6 17 7.85	50.7114	62.29270	5.0393	34.6840
1935	7 2 1.24	58.5450	67.53997	4.9018	34.8281
1936	7 0 3.45	57.7964	65.39768	4.9709	34.8678
1937	7 0 8.77	57.9790	65.92023	4.9440	34.7887
1938	7 2 6.66+	58.7306	68.07111	4.8894	34.8505
1939	7 14 4.07	63.5854	81.96423	4.4354	34.2278
1940	8 8 -----	69.2134	98.07004	4.3300	32.1720
1941	8 8 -----	69.2134	98.07004	4.0318	33.8671
British Mint price per fine ounce	4 4 11.45+	[2] 20.6718	.16077		
Bank of England's minimum buying rate per fine ounce	4 4 9.82—	[2] 35.0000 / [3] 20.6387 / [3] 34.9439			

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1858	$1.039	1879	$0.86928	1900	$0.47958	1921	$0.48801
1838	1.008	1859	1.052	1880	.88564	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80027	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50387	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242	1938	.33673
1855	1.039	1876	.90039	1897	.46745	1918	.76142	1939	.30470
1856	1.039	1877	.92958	1898	.45640	1919	.86692	1940	.27136
1857	1.046	1878	.89222	1899	.46525	1920	.78844	1941	.27144

Average commercial ratio of silver to gold each calendar year since 1687

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1687	14.94	1730	14.81	1773	14.62	1816	15.28	1859	15.19	1902	39.15
1688	14.94	1731	14.94	1774	14.62	1817	15.11	1860	15.29	1903	38.10
1689	15.02	1732	15.09	1775	14.72	1818	15.35	1861	15.50	1904	35.70
1690	15.02	1733	15.18	1776	14.55	1819	15.33	1862	15.35	1905	33.87
1691	14.98	1734	15.39	1777	14.54	1820	15.62	1863	15.37	1906	30.54
1692	14.92	1735	15.41	1778	14.68	1821	15.95	1864	15.37	1907	31.24
1693	14.83	1736	15.18	1779	14.80	1822	15.80	1865	15.44	1908	38.64
1694	14.87	1737	15.02	1780	14.72	1823	15.84	1866	15.43	1909	39.74
1695	15.02	1738	14.91	1781	14.78	1824	15.82	1867	15.57	1910	38.22
1696	15.00	1739	14.91	1782	14.42	1825	15.70	1868	15.59	1911	38.33
1697	15.20	1740	14.94	1783	14.48	1826	15.76	1869	15.60	1912	33.62
1698	15.07	1741	14.92	1784	14.70	1827	15.74	1870	15.57	1913	34.19
1699	14.94	1742	14.85	1785	14.92	1828	15.78	1871	15.57	1914	37.37
1700	14.81	1743	14.85	1786	14.96	1829	15.78	1872	15.63	1915	40.48
1701	15.07	1744	14.87	1787	14.92	1830	15.82	1873	15.93	1916	30.78
1702	15.52	1745	14.98	1788	14.65	1831	15.72	1874	16.16	1917	24.61
1703	15.17	1746	15.13	1789	14.75	1832	15.73	1875	16.64	1918	21.00
1704	15.22	1747	15.26	1790	15.04	1833	15.93	1876	17.75	1919	18.44
1705	15.11	1748	15.11	1791	15.05	1834	15.73	1877	17.20	1920	20.28
1706	15.27	1749	14.80	1792	15.17	1835	15.80	1878	17.92	1921	32.76
1707	15.44	1750	14.55	1793	15.00	1836	15.72	1879	18.39	1922	30.43
1708	15.41	1751	14.39	1794	15.37	1837	15.83	1880	18.05	1923	31.69
1709	15.31	1752	14.50	1795	15.55	1838	15.85	1881	18.25	1924	30.80
1710	15.22	1753	14.54	1796	15.65	1839	15.62	1882	18.20	1925	29.78
1711	15.29	1754	14.48	1797	15.41	1840	15.62	1883	18.64	1926	33.11
1712	15.31	1755	14.68	1798	15.59	1841	15.70	1884	18.61	1927	36.47
1713	15.24	1756	14.94	1799	15.74	1842	15.87	1885	19.41	1928	35.34
1714	15.13	1757	14.87	1800	15.68	1843	15.93	1886	20.78	1929	38.78
1715	15.11	1758	14.85	1801	15.46	1844	15.85	1887	21.10	1930	53.74
1716	15.09	1759	14.15	1802	15.26	1845	15.92	1888	22.00	1931	71.25
1717	15.13	1760	14.14	1803	15.41	1846	15.90	1889	22.10	1932	73.29
1718	15.11	1761	14.54	1804	15.41	1847	15.80	1890	19.75	1933	59.06
1719	15.09	1762	15.27	1805	15.79	1848	15.85	1891	20.92	1934	72.49
1720	15.04	1763	14.99	1806	15.52	1849	15.78	1892	23.72	1935	54.19
1721	15.05	1764	14.70	1807	15.43	1850	15.70	1893	26.49	1936	77.09
1722	15.17	1765	14.83	1808	16.08	1851	15.46	1894	32.56	1937	77.44
1723	15.20	1766	14.80	1809	15.96	1852	15.59	1895	31.60	1938	80.39
1724	15.11	1767	14.85	1810	15.77	1853	15.33	1896	30.59	1939	88.84
1725	15.11	1768	14.80	1811	15.53	1854	15.33	1897	34.20	1940	99.76
1726	15.15	1769	14.72	1812	16.11	1855	15.38	1898	35.03	1941	99.73
1727	16.24	1770	14.62	1813	16.25	1856	15.38	1899	34.36		
1728	15.11	1771	14.66	1814	15.04	1857	15.27	1900	33.33		
1729	14.92	1772	14.52	1815	15.26	1858	15.38	1901	34.68		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries, the most reliable data available are used in compiling world statistics.

COINAGE OF NATIONS [1]

CALENDAR YEAR 1940

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar	$29,359,834	$7,451,584	21,238,660
Arabia, Saudi	Riyal	1,000,000	120,605	343,750
British Empire:				
Australia	Pound	967,000	1,141,187	3,252,636
British Guiana	Pound	1,500	956	2,727
British India	Rupee		701,700	[4] 2,000,000
British Malaya	Dollar	2,100,000	385,935	1,100,000
Canada	Dollar	5,046,842	1,062,412	3,028,106
Cyprus Island	Pound	50,000	59,007	168,183
Fiji	Pound	1,000	638	1,818
Great Britain	Pound	5,785,065	3,690,240	10,518,000
Kenya	Pound			[3]
New Zealand	Pound	50,000	31,895	90,909
Newfoundland	Dollar	20,000	4,866	13,870
Southern Rhodesia	Pound	220,000	259,629	740,000
Union of South Africa	Pound	802,058	818,624	2,333,260
Trade coins	Maria Theresa thaler	3,766,391	993,687	2,832,227
Colombia	Peso	45,000	11,421	32,553
Eire	Pound	190,000	181,792	518,146
France: Tunis	Franc	12,090	93	264
Iraq	Dinar			[3]
Mexico	Peso	20,600,000	2,788,438	7,947,664
Netherlands	Florin	35,150,000	2,904,307	8,277,916
Curacao (West Indies)	Florin			[3]
East Indies	Florin	15,700,000	1,279,162	3,645,894
Surinam (Guiana)	Florin			[3]
Palestine	Pound	200,000	189,459	540,000
Portugal	Escudo	21,910,335	242,972	692,524
Rumania	Leu		771,870	[4] 2,200,000
Sweden	Krona	8,830,119	595,699	1,697,873
Switzerland	Franc		315,765	[4] 900,000
Turkey	Lira		315,765	[4] 900,000
Total			26,319,708	75,016,980

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1941 (SUBJECT TO REVISION)

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar	$76,120,483	$19,325,036	55,064,926
Arabia, Saudi	Riyal			[3]
British Empire:				
Australia	Pound			[3]
British Guiana	Pound	2,000	1,276	3,636
British India	Rupee			[3]
British Malaya	Dollar	2,500,000	459,525	1,309,375
Canada	Dollar	3,392,744	714,410	2,035,646
Cyprus Island	Pound			[3]
Fiji	Pound	5,000	3,190	9,091
Great Britain	Pound	6,067,713	3,871,752	11,032,205
Kenya	Pound	169,800	74,489	212,250
New Zealand	Pound	160,000	102,095	290,909
Newfoundland	Dollar	78,995	19,233	54,803
Southern Rhodesia	Pound	390,000	460,383	1,311,818
Union of South Africa	Pound			[3]
Trade coins	Maria Theresa thaler.	1,684,116	444,425	1,266,349
Colombia	Peso			[3]
Eire	Pound	95,000	90,928	259,091
France: Tunis	Franc	24,780	190	543
Iraq	Dinar	65,000	66,007	188,082
Mexico	Peso	1,148,000	155,439	442,909
Netherlands	Florin			[3]
Curaçao (West Indies)	Florin	155,000	15,941	45,422
East Indies	Florin	18,380,250	1,882,926	5,365,226
Surinam (Guiana)	Florin	125,000	12,799	36,471
Palestine	Pound			[3]
Portugal	Escudo	836,980	9,857	28,087
Rumania	Leu			[3]
Sweden	Krona			[3]
Switzerland	Franc			[3]
Turkey	Lira			[3]
Total			27,709,901	78,956,838

[1] No record of gold having been used for coinage during 1940 and 1941.
[2] At the average price of fine ounce of silver in New York, $0.35085.
[3] At the average price of fine ounce of silver in New York, $0.35095.
[4] Estimate by Handy & Harman, Annual Bullion Review, 1940.
[5] Information relative to coinage operations unavailable.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1940 AND 1941

[So far as reported to the Director of the United States Mint]

Country	1940		1941 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
	Value	*Fine ounces*	*Value*	*Fine ounces*
United States	$18,208,931	2,742,527	$608,091	2,553,809
British Empire:				
Australia	[2] 4,291	[2] 7,787		
Jamaica		1,843		1,658
Canada		[2] 84,710		
Gold Coast		201,818		69,091
Great Britain		[2] 895,718		[2] 504,824
Newfoundland		2,773		[2] 8,124
Nigeria		44,704		68,391
Sierra Leone		4,545		
Tanganyika		[2] 250		[2] 54
Union of South Africa		24,556		
Chile		2,055		
Colombia		32,553		
Costa Rica	279	8,759	147	[2] 5,355
Cuba		[2] 1,547		[2] 1,547
Germany		[2] 123,856		
Mexico		[2] 40,084		[2] 31,636
Netherlands East Indies		81,534		
Salvador		[2] 2,732		
Sweden	[2] 64	[2] 308		[2] 708,957
Total	18,213,565	4,304,657	608,238	3,953,446

[1] At $35 per fine ounce of gold.
[2] Domestic coin only.
[3] Foreign coin only.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1940 AND 1941

[Includes new and old bullion, domestic and foreign coin and other materials so far as reported to the Director of the United States Mint]

Country	1940		1941	
	Gold	Silver	Gold	Silver
	Value	*Fine ounces*	*Value*	*Fine ounces*
United States	$41,178,387	67,062,632	$67,977,110	92,793,574
Bolivia				1,286
British Empire:				
Australia	201,588	34,508	(1)	(1)
British Guiana	210,000		(1)	(1)
Canada	1,090,920	1,554,682	1,400,000	2,000,000
Gambia	4,250			
Bulgaria	403	1,150	(1)	(1)
Colombia	168,791		(1)	(1)
Egypt		193,000	(1)	(1)
Germany	6,001,965	647,835	7,899,990	674,102
Guatemala	[2] 40,332		(1)	(1)
Iceland	4,250	482	5,100	514
Mexico	20,254	14,886	7,875	24,113
Peru			337,575	650,914
Portugal	151,900	482,261	213,802	707,316
Surinam			2,132,833	1,034,418
Sweden	1,421,223	429,309	7,230	
Total	50,490,013	70,420,745	79,981,515	97,886,237

[1] Information not available.
[2] Gold delivered by the Reichsbank.

REVISIONS, 1940 MONETARY STOCKS

Additional data relative to monetary stocks for the calendar year 1940, received from governments of countries appearing below, are for supplementation and revision of the table entitled "*Monetary stock of principal countries of the world, end of calendar year 1940,*" published in last year's volume.

Monetary stock of specified countries of the world, end of calendar year, 1940.[1]

[Stated in United States money (000 omitted) except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold $\frac{9}{10}$ fine: i. e., an ounce of fine gold=$35]

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity)	Silver stock (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country
	Name	United States equivalent				
		On gold basis as defined by laws effective Dec. 31, 1940, so far as known	At average exchange rate during December 1940			
North America:						
Mexico	Peso	[2]	$0.2045		$68,998	
West Indies (British): Barbados	Dollar	$1.7166	.8406			672
South America: Paraguay	Peso	1.6335	.0036			1,218,640
Europe:						
Eire	Pound	8.2397	4.0350	$28,707	8,458	
Malta and Gozo	do	8.2397	4.0350		444	2,400
Portugal	Escudo	.0749	.0399		5,416	
Asia:						
Ceylon	Rupee	.6180	.3018	14	8,314	65,303
Palestine	Pound	8.2397	4.0350		5,689	9,737
Africa:						
British East Africa (Kenya, Tanganyika, Uganda, and Zanzibar)	Shilling	.4120	.2017		13,308	68,736
British West Africa (Gambia, Gold Coast, Nigeria, and Sierra Leone)	Pound	8.2397	4.0350		[3] 5,509	3,226
Rhodesia, Southern	do	8.2397	4.0350	951	574	[4] 1,957
Somaliland, British	Rupee	.6180	.3018		302	
Oceania:						
Australia	Pound	8.2397	3.2280			68,119
New Guinea	do	8.2397	3.2280		575	[5]
Papua	do	8.2397	3.2150		10	11

[1] For other world monetary statistics for 1940, see the *Annual Report of the Director of the Mint, Fiscal Year ended June 30, 1941*, pp. 92–104.
[2] Decree of Aug. 28, 1936, left the monetary unit to be later defined by law.
[3] For year ended June 30, 1940.
[4] Includes note circulation for Northern Rhodesia and Nyassaland.
[5] Australian notes are the circulating media.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1941

In the past the statistics shown in this table have been compiled largely from data received from official sources. Due to present conditions it has been impossible to obtain official data from many countries and in such cases the most reliable data available have been used. Several countries have been omitted this year because of the complete lack of reliable data. It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. Statements showing the amount of silver in circulation, in many countries, are not available. Population figures are principally those supplied by the Bureau of Foreign and Domestic Commerce, United States Department of Commerce, and are the latest available.

Monetary stock of principal countries of the world, end of calendar year 1941 (subject to revision)

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted) $1 = 15\frac{5}{21}$ grains of gold $\frac{9}{10}$ fine; i. e., an ounce of fine gold = $35. Population (000 omitted).

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1941, so far as known	At average exchange rate during December 1941 (official rate unless otherwise indicated)									
North America:												
United States (including Alaska, Hawaii and Puerto Rico)	Dollar	1.0000	1.0000	22,736,557	.....	22,736,557	3,180,323	[1] 10,409,467	135,643	167.62	23.45	76.74
Canada	Dollar	1.6931	.9091	[2] [3] 5,000	.....	5,000	[4] 36,672	[5] 569,161	11,420	.44	3.21	49.34
Mexico	Peso	(6)	.2056	[7] 46,975	[7] 239	47,214	69,138	563,133	20,000	2.36	3.46	28.16
Newfoundland	Dollar	1.6931	.9091	.....	334	334	1,936	(8)	300	1.11	6.45	(8)
Central America and West Indies:												
British Honduras	Dollar	1.6931	1.0000	.....	.....	.....	195	340	61	.....	3.20	5.57

British West Indies:														
Barbados	Dollar	1.7166	.8406					1,582	1,385	198		7.99	6.99	
Jamaica	Pound	8.2397	4.0350	(8)	(8)	(8)		(8)	2,103	1,218	(8)	(8)	1.73	
Trinidad and Tobago	Dollar	1.7166	.8406					(8)	11,417	485		(8)	2.35	
Costa Rica	Colon	.7879	[9] .1779	(8)	(8)	(8)		128	(8)	656	(8)	.20	(8)	
Cuba	Peso	1.0000	[10] .9750	[11] 1,241		1,241		85,802	[12] 78,655	4,200	.30	20.43	18.73	
Dominican Republic	Dollar	1.6931	1.0000	(8)	(8)	(8)		[12] 506	(11)	1,768	(8)	.29		
Guatemala	Quetzal	1.6931	1.0000	11,324	260	11,584		1,707	10,664	3,367	3.44	.51	3.17	
Haiti	Gourde	.2000	.2000	750		750		(8)	[13] 13,170	3,000	.25	(8)	4.39	
Honduras	Lempira	.8466	.4902	(8)	(8)	(8)		4,657	2,913	1,140	(8)	4.09	2.56	
Netherlands West Indies	Guilder	.6806		(8)	(8)	(8)		(8)	(8)	107	(8)	(8)	(8)	
Nicaragua	Cordoba	1.6933	[9] .2000	(8)	(8)	(8)		(8)	(8)	1,380	(8)	(8)	(8)	
Panama	Balboa	1.0000	1.0000	(8)	(8)	(8)		[12] 1,010	(13)	632	(8)	1.60		
Salvador	Colon	.8466	[10] .4000	6,616	14,315	[14] 20,931		286	19,447	1,830	11.44	.16	10.63	
South America:														
Argentina	Peso	1.6335	.2977	[3] 354,000	35,798	389,798			1,379,970	13,321	29.26		103.59	
Bolivia	Boliviano	.6180	.0217	[15] 8,200		8,200			628,156	3,472	2.36		180.92	
Brazil	Milreis	.0606	.0606	[3] 70,000		70,000		(8)	(8)	43,247	1.62	(8)	(8)	
Chile	Peso	.2060	.0517	30,898	567	31,465		(8)	1,449,410	5,095	6.18	(8)	284.48	
Colombia	Peso	.5714	.5699	16,145		16,145		9,478	80,586	9,334	1.73	1.02	8.63	
Ecuador	Sucre	.3386	[9] .0667	[16] 4,880		4,880		[17] 440	115,747	3,011	1.62	.15	38.44	
Paraguay	Peso	1.6335		182		182			1,466,000	1,040	.17		1,409.62	
Peru	Sol	.4740	[10] .1538	27,220	1,335	28,555		3,537	208,509	7,023	4.07	.50	29.69	
Surinam	Florin	.6806		(8)	(8)	(8)		(8)	3,356	181	(8)	(8)	18.54	
Uruguay	Peso	.6583	.6583	67,896	32,026	99,922		7,345	114,072	2,200	45.42	3.34	51.85	
Venezuela	Bolivar	.3267	.2965	40,612	12,271	52,883		36,212	158,608	3,840	13.77	9.43	41.30	
Europe:														
Belgium	Belga	.1695		[3] 734,000		734,000		(8)	(8)	8,396	87.42	(8)	(8)	
Bulgaria	Lev	.0122		[3] 24,000		24,000		(8)	(8)	[18] 6,620	3.63	(8)	(8)	
Czechoslovakia	Koruna			[3] 61,000		61,000		(8)	(8)	15,239	4.00	(8)	(8)	
Denmark	Krone	.4537		[3] 44,000		44,000		(8)	[19] 792,000	3,863	11.39	(8)	205.02	
Eire	Pound	8.2397	4.0350		28,964	28,964		9,009	24,403	2,990	9.69	3.01	8.16	
France	Franc	(4)		[3] 2,000,000		2,000,000		(8)	270,144,135	41,980	47.64	(8)	6,435.07	
Germany	Reichsmark	.4033		[3] 29,000	(8)	29,000		(8)	[3] 19,325,000	69,317	.42	(8)	278.79	
Great Britain	Pound	8.2397	4.0350	1,648	(8)	1,648		(8)	[20] 751,726	47,676	.03	(8)	15.77	
Hungary	Pengo	.2961		[3] 24,000		24,000		(8)	[10] 1,941,000	[21] 11,887	2.02	(8)	163.29	
Iceland	Krona	.4537	.1537	2,603		2,603			51,000	123	21.16		414.63	
Netherlands	Florin	.6806		[3] 575,000		575,000		(8)	[22] 1,894,000	8,923	64.44	(8)	212.26	
Portugal	Escudo	.0749		[3] 59,000		59,000		(8)	[23] 3,911,000	7,702	7.66	(8)	507.79	
Rumania	Leu	.0101		[3] 182,000		182,000		(8)	[3]89,691,000	13,493	13.49	(8)	6,647.22	
Sweden	Krona	.4537		223,371		223,371		(8)	1,699,700	6,371	35.06	(8)	266.79	
Switzerland	Franc			[3] 665,000		665,000		(8)	[24] 2,336,693	4,257	156.21	(8)	548.91	
Bank of International Settlements	Franc			[3] 12,000		12,000								

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1941 (subject to revision)—Continued

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted) $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e., an ounce of fine gold=$35. Population (000 omitted).

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent: On gold basis as defined by laws effective Dec. 31, 1941, so far as known	United States equivalent: At average exchange rate during December 1941 (official rate unless otherwise indicated)	In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
Asia:												
British India	Rupee	.6180	.3013	274,392	.....	274,392	(1)	3,356,000	389,000	.71	(1)	8.63
Iran	Rial	.0824	.0286	23,625	.....	25,625	10,278	1,850,000	12,000	2.14	.86	154.17
Netherlands East Indies	Guilder			[2] 235,000	.....	235,000	(1)	(1)	71,000	3.31	(1)	(1)
Palestine	Pound	8.2397	4.0350	.....	.....	.....	5,084	12,285	1,585	.....	3.21	7.75
Syria and Lebanon	Pound	(3)	.....	.....	.....	.....	.....	93,900	3,500	.....	.....	26.83
Turkey	Piaster	.0744	.....	[3] 92,000	.....	92,000	(1)	[23] 511,484	17,858	5.15	(1)	28.64
Africa:												
Algeria and Tunis	Franc	(3)	.....	(1)	(1)	(1)	(1)	6,702,836	9,843	(1)	(1)	680.97
British West Africa (Kenya, Tanganyika, Uganda and Zanzibar)	Shilling	.4120	.2017	(1)	.....	(1)	14,760	85,940	12,873	(1)	1.15	6.68
British West Africa (Gambia, Gold Coast, Nigeria, Sierra Leone)	Pound	8.2397	4.0350	(1)	.....	(1)	(1)	4,917	26,486	(1)	(1)	.19
Egypt	Pound	8.3962	4.1714	[3] 52,000	.....	52,000	22,316	16,776	16,776	3.10	1.33	3.12
Morocco	Franc	(3)	.0228	(1)	.....	(1)	2,944	3,542,082	6,296	(1)	.47	562.59
Nyasaland	Pound	8.2397	4.0350	.....	.....	.....	2,742	43	1,681	.....	1.63	.03
Portuguese East Africa	Escudo	.0749	.....	437	9	9	(1)	[27] 247,502	4,016	.33	(1)	61.63
Rhodesia, Southern	Pound	8.2397	4.0350	(1)	884	[26] 1,321	424	[28] 2,262	1,453	.27	.29	1.56
Somaliland, British	Rupee	.6180	.3013	(1)	389	389	301	68	350	(1)	.86	.19
Southwest Africa	Pound	8.2397	3.9800	(1)	(1)	(1)	81	569	365	.04	.22	1.56
Union of South Africa	Pound	8.2397	3.9800	[3] 366,000	16	16	(1)	[29] 28,631	10,341	35.39	(1)	2.77
					.....	366,000						

Oceania:													11.92
Australia	Pound	8, 2397	3. 2280	(5)		(8)	(5)	[29] 84, 864	7, 117	(5)	(5)	1. 57	3. 44
Fiji	Pound	8. 2397		(5)		(8)	[29] 338	740	215	(5)	14. 08	(5)	15. 06
New Zealand	Pound	8. 2397	3. 2278	[3] 23, 000		23, 000	(5)	24, 615	1, 634				
Total[31]													

[1] Includes any paper currency held outside the continental limits of the United States.
[2] Gold held by the Minister of Finance.
[3] Reported Federal Reserve Bulletin, October 1942.
[4] Net issues of silver coin.
[5] Includes notes held by the chartered banks.
[6] So far as known monetary unit was not defined by law on a gold basis on Dec. 31, 1941.
[7] Conversion at $35 per fine ounce.
[8] Data not available.
[9] Average exchange rate for 1941.
[10] Average free exchange rate for 1941.
[11] Prior year's figure.
[12] United States coin and currency also circulate.
[13] United States currency is circulating media.
[14] Reported amount valued at 70 colons per fine ounce (United States equivalent 0.50).
[15] Under decree of June 21, 1941, holdings of Central Bank are valued at Bs 46 to $1 (United States equivalent $0.0217).
[16] Revaluation of June 4, 1940, at 0.0602 gram fine gold per sucre (United States equivalent $0.06774).
[17] Includes minor coin.
[18] Includes population of Dobrudja province annexed from Rumania in September 1940.
[19] As of October 1941, reported Federal Reserve Bulletin, April 1942.
[20] Reported in the Bankers Magazine, May 1942.
[21] Includes population of Transylvania annexed from Rumania in August 1940.
[22] As of September 1941; reported Federal Reserve Bulletin, April 1942.
[23] As of November 1941; reported Federal Reserve Bulletin, April 1942.
[24] Reported Federal Reserve Bulletin, July 1942.
[25] 1 Syro-Lebanese pound equal to 20 francs (Fighting French).
[26] Converted from South African pounds.
[27] Includes 676,008 Company of Mozambique pounds converted to escudos at 110 to the pound.
[28] Includes notes in circulation in Northern Rhodesia.
[29] Reported Federal Reserve Bulletin, April 1942.
[30] Conversion at rate of £111 Fiji to £100 Sterling
[31] Totals omitted due to the great number of instances in which data are not available.

WORLD PRODUCTION OF GOLD AND SILVER

Country	Calendar year 1940						Calendar year 1941					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.35085 per ounce	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.35095 per ounce
North America:												
United States	151,256	4,862,979	$170,204,265	2,123,949	68,286,535	$23,958,331	150,295	4,832,087	$169,123,045	2,210,709	71,075,932	$24,944,098
Canada	165,195	5,311,145	185,890,075	741,313	23,833,763	8,362,076	166,263	5,345,480	187,091,800	676,638	21,754,408	7,634,709
Mexico	31,112	1,000,274	35,009,590	2,570,392	82,640,010	28,994,247	28,718	923,295	32,315,325	2,437,392	78,363,961	27,501,832
Newfoundland	678	[1] 21,786	762,510	46,471	1,494,077	524,197	659	[1] 21,194	741,790	51,549	[1] 1,657,342	581,644
Total	348,241	11,196,184	391,866,440	5,482,125	176,254,385	61,838,851	345,935	11,122,056	389,271,960	5,376,288	172,851,643	60,662,284
Central America and West Indies	8,936	[2] 287,296	10,055,360	143,076	[2] 4,600,000	1,613,910	9,953	[2] 320,000	11,200,000	127,524	[2] 4,100,000	1,438,895
South America:												
Argentina	400	12,860	450,100	100,844	[3] 3,242,200	1,137,526	584	18,776	657,160	123,742	[3] 3,978,400	1,396,219
Bolivia	[4] 366	11,767	411,845	[4] 175,000	5,626,380	1,974,015	[4] 254	8,166	285,810	[4] 229,000	7,362,520	2,583,876
Brazil	[5] 8,221	264,311	9,250,885	768	[1] 24,694	8,664	8,087	[3] 260,000	9,100,000	658	[1] 21,170	7,430
Chile	10,663	342,823	11,998,805	48,879	1,571,495	551,359	8,192	263,366	9,217,810	38,366	1,233,495	432,895
Colombia	19,655	631,927	22,117,445	8,096	260,310	91,330	20,404	656,019	22,960,665	8,433	271,115	95,148
Ecuador	1,647	[1] 52,942	1,852,970	3,266	[3] 105,000	36,839	2,185	[1] 70,264	2,459,240	3,634	[1] 116,836	41,004
Guiana:												
British	1,026	33,000	1,155,000				1,026	[6] 33,000	1,155,000			
French	1,244	[7] 40,000	1,400,000				1,244	[6] 40,000	1,400,000			
Peru	8,663	278,521	9,748,235	602,353	19,366,096	6,794,595	8,870	285,177	9,981,195	470,255	15,119,047	5,306,030
Surinam	479	[7] 15,400	539,000				479	[6] 15,400	539,000			
Uruguay	55	1,762	61,670				42	1,364	47,740			
Venezuela	4,566	146,800	5,138,000				4,056	130,403	4,564,105			
Total	56,985	1,832,113	64,123,955	939,206	30,196,176	10,594,328	55,424	1,781,935	62,367,725	874,088	28,102,583	9,862,602
Europe:												
Bulgaria	280	9,002	315,070		(8)			(8)			(8)	
Czechoslovakia	[9] 282	9,067	317,345	[9] 7,836	251,983	88,391		(8)			(8)	
Finland		(8)			(8)			(8)			(8)	
France		(8)			(8)			(8)			(8)	
Germany		(8)			(8)			(8)			(8)	
Great Britain					(8)						(8)	
Greece					(8)						(8)	
Hungary		(8)			(8)			(8)			(8)	
Italy		(8)			(8)			(8)			(8)	

Norway		(5)			(5)			(5)			(5)		
Poland					(5)						(5)		
Portugal	296	9,517	333,095	1,077	34,626	12,149		(5)			(5)		
Rumania	4,067	130,757	4,576,495	15,558	500,204	175,497		(5)			(5)		
Spain	467	[1] 15,000	525,000		(5)			(5)			(5)		
Sweden	6,485	[7] 208,500	7,297,500	23,328	[7] 750,000	263,137		(5)					
Switzerland	45	[6] 1,447	50,645					(5)			(5)		
Union of Socialist Soviet Republics [10]	124,414	[14] 4,000,000	140,000,000	217,724	[7] 7,000,000	2,455,950		(5)			(5)		
Yugoslavia	2,333	[2] 75,000	2,625,000		(5)			(5)					
Total	144,009	4,630,000	162,050,000	528,759	17,000,000	5,964,450	124,414	4,000,000	140,000,000	444,780	14,300,000	5,018,585	
Asia:													
British India [11]	9,000	289,357	10,127,495	192,064	6,175,000	2,166,499	8,894	[2] 285,945	10,008,075		(5)		
British Malay States: Federated and Nonfederated	1,135	36,500	1,277,500					(5)			(5)		
China	11,726	[13] 377,000	13,195,000	4,665	[3] 150,000	52,627		(5)			(5)		
Chosen (Korea)	31,881	1,025,000	35,875,000	93,310	[6] 3,000,000	1,052,550		(5)			(5)		
Cyprus Island	424	[1] 13,621	476,735	1,815	[1] 58,341	20,469		(5)			(5)		
Indochina	250	8,038	281,330	54	1,736	609		(5)			(5)		
Japan	27,993	[7] 900,000	31,500,000	342,138	[7] 11,000,000	3,859,350		(5)			(5)		
Netherlands East Indies	2,797	89,942	3,147,970	46,847	1,506,166	528,438		(5)			(5)		
Phillippine Islands	35,462	1,140,126	39,904,410	40,410	1,299,199	455,824	35,593	1,144,332	40,051,620	39,193	1,260,097	442,231	
Sarawak	386	12,410	434,350					(5)					
Taiwan	1,555	[2] 50,000	1,750,000					(5)					
Thailand	396	[1] 12,717	445,095					(5)			(5)		
Turkey				17,885	[6] 575,000	201,739							
Total	123,005	3,954,711	138,414,885	739,188	23,765,442	8,338,105	121,304	3,900,000	136,500,000	715,380	23,000,000	8,071,850	
Oceania:													
Australia:													
New South Wales	3,118	100,255	3,508,925	283,353	[7] 9,110,000	3,196,243	2,740	88,091	3,083,185		(5)		
Northern Territory	697	22,423	784,805				697	[6] 22,423	784,805				
Queensland	3,945	126,831	4,439,085	107,338	[7] 3,451,000	1,210,783	3,945	[6] 126,831	4,439,085		(5)		
South Australia	102	3,270	114,450	86	[7] 2,750	965	102	[6] 3,270	114,450		(5)		
Tasmania	596	19,171	670,985	38,631	[7] 1,242,000	435,756	596	[6] 19,171	670,985		(5)		
Victoria	5,616	180,567	6,319,845	202	[7] 6,500	2,280	4,658	[1] 149,768	5,241,880		(5)		
West Australia	37,059	1,191,482	41,701,870	8,545	[1] 274,741	96,393	34,503	1,109,313	38,825,955	7,931	[2] 255,000	89,492	
Fiji	3,463	111,338	3,896,830	716	23,020	8,077	3,691	118,681	4,153,835	945	30,382	10,663	
New Guinea	9,169	294,795	10,317,825	6,192	199,084	69,849	7,776	[7] 250,000	8,750,000	3,888	[2] 125,000	43,869	
Papua	1,089	[1] 35,000	1,225,000				1,089	[6] 35,000	1,225,000				
New Zealand	5,775	185,665	6,498,275	12,918	415,330	145,719	5,775	[6] 185,665	6,498,275	12,918	[6] 415,330	145,760	
Total	70,630	2,270,797	79,477,895	457,981	14,724,425	5,166,065	65,572	2,108,213	73,787,455	451,000	14,500,000	5,088,775	
Africa:													
Algeria					(5)						(5)		
Bechuanaland	509	16,352	572,320	34	1,086	381	451	14,509	507,815	30	949	333	

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1940						Calendar year 1941					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.35085 per ounce	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.35095 per ounce
Africa—Continued												
Belgian Congo	17,045	548,000	$19,180,000	110,000	3,536,582	$1,240,810	.....	(8)	.....	.....	(8)	.....
British West Africa:												
Gold Coast	27,568	[1] 886,326	31,021,410	.....	(8)	.....	.....	(8)	.....	.....	(8)	.....
Nigeria	797	25,617	896,595	.....	(8)	.....	.....	(8)	.....	.....	(8)	.....
Sierra Leone	1,016	32,676	1,143,660	.....	(8)	.....	.....	(8)	.....	.....	(8)	.....
Egypt	228	7,344	257,040	.....	.....	.....	89	2,861	$100,135	.....	.....	.....
Ethiopia	.....	(8)	.....	.....	.....	.....	.....	(8)	.....	.....	.....	.....
French Equatorial Africa	.....	(8)	.....	.....	.....	.....	.....	(8)	.....	.....	.....	.....
French West Africa	4,199	[7] 135,000	4,725,000	.....	.....	.....	.....	(8)	.....	.....	.....	.....
Kenya	2,403	77,243	2,703,505	424	13,626	4,781	2,271	[7] 73,000	2,555,000	.....	(8)	.....
Liberia	124	4,000	140,000	.....	.....	.....	.....	(8)	.....	.....	.....	.....
Madagascar	435	[8] 14,000	490,000	.....	.....	.....	467	[9] 15,000	525,000	.....	.....	.....
Morocco (French)	.....	(8)	.....	.....	(8)	.....	.....	(8)	.....	.....	(8)	.....
Portuguese East Africa	356	11,432	400,120	59	1,901	667	342	[9] 11,000	385,000	62	[9] 2,000	$702
Rhodesia:												
Northern	174	5,602	196,070	10	312	109	.....	(8)	.....	.....	(8)	.....
Southern	25,707	826,485	28,926,975	5,788	186,079	65,286	24,585	790,442	27,665,470	5,299	170,364	59,789
Southwest Africa	42	1,358	47,530	14,308	[8] 460,000	161,391	9	[1] 304	10,640	.....	(8)	.....
Sudan	205	6,606	231,210	.....	.....	.....	.....	(8)	.....	.....	.....	.....
Swaziland	33	1,070	37,450	.....	.....	.....	.....	(8)	.....	.....	.....	.....
Tanganyika	4,419	142,074	4,972,590	1,143	36,748	12,893	4,489	144,312	5,050,920	1,249	40,143	14,088
Tunis	.....	.....	.....	[6] 1,866	60,000	21,051	.....	.....	.....	.....	(8)	.....
Uganda	369	11,870	415,450	32	1,015	356	296	9,505	332,675	31	1,005	353
Union of South Africa	436,895	14,046,502	491,627,570	40,194	1,292,284	453,398	447,466	14,386,361	503,522,635	45,442	[1] 1,461,000	512,738
Total	525,524	16,896,000	591,360,000	185,688	5,970,000	2,094,575	531,870	17,100,000	598,500,000	186,621	6,000,000	2,105,700
Total for the world	1,277,330	41,067,101	1,437,348,535	8,476,023	272,510,428	95,610,284	1,254,472	40,332,204	1,411,627,140	8,175,681	262,854,226	92,248,691

[1] U. S. Bureau of Mines.
[2] Partly estimated.
[3] Yearbook of American Bureau of Metal Statistics.
[4] Exports.
[5] Purchases by Central Bank.
[6] Prior year's figure.
[7] Mint Bureau estimate.
[8] Data not available. Estimate included in total.
[9] Production of Slovaks Metallurgical Works.
[10] Includes production of territory in Asia.
[11] Includes Burma.
[12] Estimate of Ministry of Economic Affairs of the Chinese National Government.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [2]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	266,845	5,516,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	281,955	5,828,000	6,921,895	143,088,000	10,992,085	15,169,977	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	297,709	6,154,000	7,154,000	147,903,000	11,432,540	15,533,992	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	346,095	7,154,000	8,243,260	170,403,000	13,863,080	18,088,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	412,163	8,520,000	12,268,440	253,611,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	613,422	12,681,000	15,824,230	327,116,000	29,965,868	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	791,211	16,356,000	13,313,315	275,211,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	665,066	13,761,000	11,438,970	236,464,000	28,746,922	38,070,986	287,469,225	380,709,801	1.9	98.1	23.7	76.3
1811–1820	571,948	11,823,000	5,715,627	118,152,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,563	11,815,000	3,679,568	76,063,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	367,957	7,606,000	4,570,444	94,479,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	457,044	9,448,000	6,522,913	134,841,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	652,291	13,484,000	17,605,018	363,928,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	1,760,502	36,393,000	32,051,621	662,566,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	6,410,324	132,513,000	32,431,312	670,415,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,486,262	134,083,000	29,747,913	614,944,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,949,582	122,989,000	31,350,430	648,071,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	6,270,086	129,614,000	27,955,068	577,883,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	5,591,014	115,577,000	27,715,550	572,931,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,543,110	114,586,000	23,973,773	495,582,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	4,794,755	99,116,000	27,306,411	564,474,000	157,581,331	123,811,682	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	5,461,282	112,895,000	39,412,823	814,736,000	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5
	7,882,565	162,947,000	62,234,698	1,286,505,400								
	12,446,939	257,301,100										

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1941, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

Production of gold and silver in the world since the discovery of America—Continued

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Commercial value	Fine ounces	Commercial value	Gold	Silver	Gold	Silver
1901–1905	15,606,780	$322,619,800	78,033,650	$1,613,099,100	167,995,408	$95,942,178	839,977,042	$479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,503,000			165,054,497	111,725,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,966,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,022,180	455,230,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8
1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8
1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,556,347	466,284,303			210,013,423	126,909,915	9.7	90.3	78.6	21.4
1914			21,652,883	447,608,337			172,203,596	95,282,440	11.2	88.8	82.4	17.6
1915			22,846,908	472,283,884			173,000,507	88,337,519	11.7	88.3	84.2	15.8
1916			22,032,542	455,455,670			180,801,919	121,410,297	10.9	89.1	79.0	21.0
1917			20,346,043	420,592,147			186,125,017	156,345,014	9.9	90.1	72.9	27.1
1918			18,588,127	384,251,378			203,159,431	200,000,302	8.4	91.6	65.8	34.2
1919			17,339,679	358,443,791			179,849,940	201,588,402	8.8	91.2	64.0	36.0
1920			16,146,830	333,784,924			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,907,692	330,702,190			171,285,542	108,074,326	8.5	91.5	75.4	24.6
1922			15,496,859	320,349,162			209,815,448	158,207,142	6.9	93.1	66.9	33.1
1923			17,845,349	368,896,948			246,009,534	172,275,556	6.8	93.2	68.2	31.8
1924			18,619,481	384,899,578			239,484,703	178,310,730	7.2	92.8	68.3	31.7
1925			18,673,178	384,009,921			245,213,993	172,498,235	7.1	92.9	69.0	31.0
1926			19,117,568	395,198,984			253,795,166	159,568,635	7.0	93.0	71.2	28.8
1927			19,058,736	393,979,954			253,981,085	144,947,005	7.0	93.0	73.1	26.9
1928			18,995,849	390,386,574			257,925,154	151,213,780	6.8	93.2	72.1	27.9
1929			19,207,452	397,153,303			260,970,029	139,960,836	6.9	93.1	73.9	26.1
1930			20,903,736	432,118,638			248,709,426	96,309,849	7.8	92.2	81.8	18.2
1931			22,284,290	460,650,527			195,919,987	56,842,265	10.2	89.8	89.0	11.0
1932			24,098,676	498,163,970			164,892,802	46,506,363	12.8	87.2	91.5	8.5
1933			25,400,295	525,070,547			169,159,054	59,200,666	13.1	86.9	89.9	10.1
1934			27,372,374	958,033,090			190,398,156	91,929,942	12.6	87.4	91.2	8.8
1935			28,999,345	1,049,971,580			220,704,231	142,535,205	12.0	88.0	88.0	12.0
1936			32,930,554	1,152,569,390			253,695,856	115,175,382	11.5	88.5	90.9	9.1
1937			35,118,298	1,229,140,430			274,573,873	124,077,392	11.3	88.7	90.8	9.2
1938			37,703,334	1,319,616,690			267,765,434	116,577,034	12.3	87.7	91.9	8.1
1939			39,534,430	1,383,705,050			265,926,908	104,761,930	12.9	87.1	93.0	7.0
1940			41,067,101	1,437,348,535			272,510,428	95,610,284	13.1	86.9	93.8	6.2
1941			40,332,204	1,411,627,140			262,854,226	92,248,691	13.3	86.7	93.9	6.1
Total			1,416,008,138	33,339,610,839			17,515,963,146	15,546,575,504	7.5	92.5	68.2	31.8

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1945

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS DURING THE CALENDAR YEAR 1944

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1945

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

FOR THE CALENDAR YEAR

1944

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ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 1, 1945

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1945, being the Seventy-third Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1944.

OPERATION OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

Functions and Institutions of the Mint Service

The principal functions of the Mint Service include the acquisition of gold and silver bullion, payments for which are made on the basis of Mint assays; the manufacture of domestic silver and minor coins; and the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and distributed to the Treasury or to Federal Reserve Banks. Other major activities include the refining of gold and silver, coinage for foreign governments, manufacture of gold, silver, and bronze medals, coinage dies, platinum assay utensils, and other materials. In addition, the Mint Service performs special assays of bullion and ores submitted by the public for analysis.

During the fiscal year 1945 seven field institutions were in operation: coinage mints at Philadelphia, San Francisco and Denver; assay offices at New York and Seattle; gold bullion depository at Fort Knox; and silver bullion depository at West Point. The Bureau of the Mint in Washington administers all Mint Service activities.

*Coinage**

Domestic coin manufactured during the fiscal year ended June 30, 1945, amounted to the record production of 2,646,134,101 pieces, which represented an increased rate of production over the previous year's output for the sixth consecutive year. Coins produced during the year were as follows:

Denomination	Number of pieces	Face value
Half dollars	63,322,200	$31,661,100.00
Quarter dollars	126,216,801	31,554,200.25
Dimes	341,651,000	34,165,100.00
Five-cent pieces	155,627,100	7,781,355.00
One-cent pieces	1,959,317,000	19,593,170.00
Total domestic coinage	2,646,134,101	124,754,925.25

*See tables on pages 6 and 7 for production by each mint.

Foreign coinage also the highest in the Mint's history, totaled 1,388,971,000 pieces compared with 487,847,000 pieces produced for foreign nations the previous year. Production in 1945 was as follows:

Government	*Number of Pieces*
Australia	26,000,000
Dominican Republic	2,000,000
El Salvador	6,000,000
Ethiopia	96,000,000
Greenland	100,000
Guatemala	3,150,000
Netherlands	848,207,000
Peru	15,500,000
Philippine Islands	353,704,000
Saudi Arabia	31,210,000
Venezuela	7,100,000
Total	1,388,971,000

The combined total of domestic and foreign coinage in 1945 amounted to 4,035,105,101 pieces compared with the 1944 record of 3,066,487,270 pieces. The weight of the finished coins was 16,488½ tons, an average daily production of 46 tons, which represented an increased output of 11 tons of coins per day over last year.

Minor Coinage Alloys

Five-cent coin.—The 5-cent piece produced during the year was composed of an alloy of 56 percent copper, 35 percent silver, and 9 percent manganese, with standard weight of 77.16 grains.

One-cent coin.—The composition of the 1-cent piece coined during the year was 95 percent copper and 5 percent zinc, with weight of 48 grains. The alloy was produced by utilizing fired brass cartridge cases made available by the War Department to which virgin copper was added.

Dual Coining Device

Mr. Joseph Steel, Superintendent of Coining at the San Francisco Mint and Mr. William P. Kruse, Machinist at the same institution invented a mechanical device for attaching, at very small cost, to regular coining presses, which makes possible the striking of two coins simultaneously. The result of the use of this device has been to increase the production of coinage presses equipped with it by 90%, so that one press almost does the work of two. This invention has been a large factor in the enormous amount of foreign and domestic coinage produced during this fiscal year; in fact without it the volume of production would have been impossible, since presses had been added to the limit that the crowded conditions of the three coinage mint buildings would permit. This device can be used and is being used on all coinage, domestic and foreign of the sizes of quarters or less.

Bullion Deposit Transactions

Bullion deposit transactions during the year totaled 6,690, including 118 inter-mint service transactions, on which 23,319 assay determinations were made. Included were 29 redeposits of silver at the New York Assay Office, returned from use in war plants, requiring 549 separate assay determinations. This silver was in the form of bar-

end-cuttings and other processing remnants which required melting and other work.

The monetary value of gold and silver receipts during the year amounted to $1,168,362,930 of which $1,090,945,848 comprised inter-institution transfers.

Long-Term Storage of Bullion

There were no transfers of bullion to the depositories for long-term storage during 1945. There were withdrawals from storage, however, of both gold and silver. Gold from Fort Knox in the amount of 29,585,374 fine ounces with a value of $1,035,488,090 was shipped to New York to meet the demand of increased sales to the arts and for other industrial uses, for earmarking purposes and export. Silver withdrawn from storage was used for industrial sales under the Green Act, for Lend-Lease, and for coinage. The total amount of silver withdrawn from West Point amounted to 235,874,956 fine ounces, leaving a balance there of 277,832,017 fine ounces on June 30, 1945.

Gold Operations

Gold acquisitions by the Mints and Assay Offices during the year entered as classified melted receipts amounted to $56,214,889; receipts from the Treasury of domestic coin amounted to $294,900; and transfers between Mint Service institutions, $1,041,755,130. These transactions totaled $1,098,264,919.

Acquisitions included $8,241 of gold received at $20.67+ per fine ounce. The increment on this gold was $5,712.

Gold issue bars manufactured during the year numbered 42,829 and contained 3,550,034 fine ounces of gold with a value of $124,251,205. Gold bars sold for the arts and industrial use during 1945 were valued at $65,290,844, an increase of 161 percent over the $24,977,240 sales the previous year.

Silver Operations

Silver acquisitions by the Mints and Assay Offices during the year amounted to 14,774,100 fine ounces. The total value at an average of $0.4663 per fine ounce, equalled $6,889,235. Acquisitions were as follows:

Item	Amount (fine ounces)	Value
Newly mined domestic silver	74,724	$52,336
Silver contained in gold bullion deposits, etc	435,235	175,268
Silver received in exchange for Government stamped bars	186,344	91,992
Redeposits	14,077,797	6,569,639
Total [1]	14,774,100	6,889,235

[1] Includes 373,609 ounces of silver received for account of Reconstruction Finance Corporation, Office of Metals Reserve Company.

United States subsidiary mutilated and uncurrent coin received for recoinage yielded 1,306,001 fine ounces of silver with a recoinage value of $1,805,427. Also unfit silver dollars with a face value of

$393,881 were melted during the year, yielding 291,075 fine ounces of silver which was recoined into subsidiary coin.

Transfers of silver between mint institutions amounted to 38,043,572 fine ounces, and deposits of silver by foreign governments for coinage by United States Mints totaled 42,864,528 ounces, bringing the total silver receipts during the year to 97,279,276 fine ounces.

Silver consumed in domestic coinage in 1945 amounted to 79,198,517 fine ounces, of which 70,442,547 ounces were used in subsidiary coinage and 8,755,970 ounces in 5-cent coinage.

During the fiscal year 1945 silver certificates in the amount of $161,616 were issued against 125,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. This silver had been acquired at $0.7111+ per fine ounce. The difference between the cost of the silver and the monetary value of such silver was $72,727, and this amount constituted seigniorage.

The price paid for newly mined domestic silver received at the Mint was $0.7111+ per fine ounce, in accordance with the act of July 6, 1939. Most of the newly mined domestic silver, however, was sold direct to consumers rather than to the Mint, under War Production Board approval. A slight price differential was allowed by the Office of Price Administration for such sales.

The market price of foreign silver remained fixed at $0.45 per fine ounce throughout the year.

Mint sales of silver under the Green Act in 1945 amounted to 68,147,835 fine ounces; silver lend-leased to other governments amounted to 119,837,110 fine ounces; and silver leased to Defense Plant Corporation, etc., amounted to 877,715,175 ounces on June 30, 1945 compared with 891,792,971 ounces on June 30, 1944.

Silver issue bars manufactured by the Mint Service institutions during the year numbered 3,083 containing 450,343 fine ounces.

In addition, the New York Assay Office manufactured 775,275 coinage ingots containing 32,294,496 fine ounces of silver for use at the Philadelphia Mint.

Refineries

Electrolytic refineries are located at the New York, San Francisco, and Denver institutions. Because of manpower shortages, however, the electrolytic product during the fiscal year comprised 1,363,783 fine ounces of gold and 904,070 fine ounces of silver, or a total of 78 tons. The refinery at Denver was operated during most of the year, negligible refining operations were carried on at New York, and the San Francisco refinery was closed throughout the year.

Stocks of unrefined gold and silver bullion on hand at all mints and assay offices approximated 1,500 tons on June 30, 1945.

Medals

Production in the Medal Department at the Philadelphia Mint for the armed forces continued as rapidly as facilities permitted during the year. Output included 119,447 medals, 68,577 lapel buttons and 145,934 ribbon bars.

The medals made for the Navy, Coast Guard, Marine Corps and Army included the Navy Cross, Silver Star, Distinguished Flying Cross, Navy and Marine Corps Medal, Air Medal, Purple Heart,

Expert Rifleman, Expert Pistol Shot, Life Saving Medal, Peary Polar Expeditionary and Bronze Star.

In addition, 6,535 various commemorative medals out of stock were sold to the public at a value of $9,921.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1945 the estimated stock of domestic coin in the United States totaled $1,623,280,700 and consisted of the following:

Silver dollars	$493, 943, 078
Subsidiary silver coin	825, 798, 486
Minor coin	303, 539, 136
Total	1, 623, 280, 700

During the fiscal year 1945 the Mints issued coins with a face value of $146,630,912. Issues were as follows:

Denomination	Number of pieces	Face value
Standard dollars	21, 869, 458	$21, 869, 458
Half dollars	60, 208, 541	30, 104, 270
Quarter dollars	124, 950, 491	31, 237, 623
Dimes	338, 022, 309	33, 802, 231
5-cent pieces	223, 876, 000	11. 193, 800
1-cent pieces	1, 842, 353, 000	18, 423, 530
Total	2, 611, 279, 799	146, 630, 912

The Treasury stock of gold bullion on June 30, 1945, was valued at $20,212,838,145. The stock of silver bullion on the same date amounted to 1,871,355,592 fine ounces.

Production of Gold and Silver in the United States

Production of domestic gold and silver by refineries in the United States for the calendar year 1944 was as follows: Gold—1,022,238 fine ounces with monetary value of $35,778,330. Silver—35,651,049 fine ounces. This was a decreased output over the calendar year 1943 of 372,284 ounces and 5,249,072 ounces of gold and silver respectively.

*Industrial Consumption of Gold and Silver in the United States**

Gold consumed in industry and the arts in the United States for the calendar year 1944 is estimated ar $136,218,913. Gold returned from industrial use amounted to $25,678,940, giving a net consumption of new gold of $110,539,973. The net increase of new gold issued in 1944 amounted to $24,196,620 over 1943, going chiefly into jewelry.

Silver consumed in industry and the arts for the calendar year 1944 is estimated at 176,289,409 fine ounces. Silver returned from industrial use amounted to 56,189,400 ounces, giving a net industrial consumption of new silver of 120,100,000 fine ounces, or an increase of 2,100,000 ounces over 1943. Silver was used chiefly for war purposes which included solders, brazing alloys, photographic processes and products, electrical parts, airplane engine bearings, silver-plated eating utensils for the Army and Navy, desalination equipment, medicines and dental materials, and other items.

*See table on page 38.

Appropriations, Income, and Expenses

Regular appropriations available for the mint service during the fiscal year 1945 totaled $5,687,800 consisting of the following: $168,000 Office of Director of the Mint; $12,800, Transportation of Bullion and Coin; $5,500,000, Salaries and Expenses, Mints and Assay Offices; and $7,000 Printing and Binding.

Supplemental appropriations under the First Deficiency Appropriation Act, 1945, approved April 25, 1945, provided additional amounts as follows: $7,500, Transportation of Bullion and Coin; $815,000, Salaries and Expenses, Mints and Assay Offices; and $2,500, Printing and Binding.

Income, expenses, and reimbursements for the year are given in the table below, together with the number of employees as of June 30, 1945, at the several mint service institutions.

Income, Expenses, Reimbursements, and Employees, Fiscal Year 1945

Institution	Gross income	Gross expenses	Excess of income over expenses	Reimbursements	Number of employees on June 30, 1945
Philadelphia	$65,459,230	$7,536,173	$57,923,057	$3,325,349	2,608
San Francisco	16,276,734	2,376,543	13,900,191	1,613,339	424
Denver	11,829,461	1,875,436	9,954,025	941,279	437
New York [1]	37,023,014	660,445	36,362,569	66,116	174
Seattle	8,217	20,801	−12,584		6
Fort Knox		92,520	−92,520		36
Bureau of the Mint		174,418	−174,418		51
Total	[2] 130,596,656	12,736,336	+117,860,320	5,946,083	3,736

[1] Includes Assay Office at New York City and Silver Bullion Depository at West Point.
[2] Income includes the following:
Increment to $35 per ounce on revalued gold—$5,712.
Seigniorage on silver coin—$56,545,254.
Seigniorage on minor coin—$21,506,021.
Seigniorage on silver bullion revalued—$72,727.
Profit on sale of silver bullion—$46,085,879.

Coinage Production by Mint, Fiscal Year 1945

Domestic Coinage

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars	$29,439,000.00	$5,351,000.00	$5,871,100.00	$31,661,100.00	63,322,200
Quarter dollars	23,795,000.00	4,009,000.25	3,750,200.00	31,554,200.25	126,216,801
Dimes	24,413,000.00	4,537,000.00	5,215,100.00	34,165,100.00	341,651,000
Total silver	68,647,000.00	13,897,000.25	14,836,400.00	97,380,400.25	531,190,001
MINOR					
5-cent pieces	5,437,405.00	868,000.00	1,475,950.00	7,781,355.00	155,627,100
1-cent pieces	15,776,690.00	831,600.00	2,984,880.00	19,593,170.00	1,959,317,000
Total minor	21,214,095.00	1,699,600.00	4,460,830.00	27,374,525.00	2,114,944,100
Total domestic coinage	89,861,095.00	15,596,600.25	19,297,230.00	124,754,925.25	2,646,134,101
Prior fiscal year	71,302,136.70	24,561,400.00	13,601,300.00	109,464,836.70	2,578,640,270

Coinage by the United States for Other Countries

Country	Number of pieces			
	Philadelphia	San Francisco	Denver	Total
Australia: Silver		26,000,000		26,000,000
Dominican Republic: Silver [1]	2,000,000			2,000,000
Denmark: Copper-zinc [2]	100,000			100,000
Ethiopia:				
Silver	30,000,000			30,000,000
Copper-zinc [3]	66,000,000			66,000,000
Guatemala: Copper-zinc [3]		3,150,000		3,150,000
Netherlands:				
Homeland: Silver	264,060,000	64,040,000	25,400,000	353,500,000
East Indies:				
Silver		34,320,000		34,320,000
Copper-zinc [3]	286,388,000	59,852,000	111,882,000	458,122,000
Surinam: Nickel-silver [4]	2,265,000			2,265,000
Peru: Copper-zinc [5]	15,500,000			15,500,000
Philippines:				
Silver		29,300,000	145,392,000	174,692,000
Nickel-silver [3]	21,198,000	50,794,000		71,992,000
Copper-zinc [3]		107,020,000		107,020,000
Salvador:				
Silver		1,000,000		1,000,000
Nickel-silver [6]		5,000,000		5,000,000
[7] Saudi-Arabia: Silver	31,210,000			31,210,000
Venezuela:				
Silver			2,300,000	2,300,000
Copper-zinc [3]			4,800,000	4,800,000
Total coinage	718,721,000	380,476,000	289,774,000	1,388,971,000
Prior fiscal year, total coinage	370,120,000	52,400,000	65,327,000	487,847,000

[1] 35 percent silver, 56 percent copper, 9 percent manganese.
[2] 95 percent copper, 5 percent zinc.
[3] 70 percent copper, 30 percent zinc.
[4] 12 percent nickel silver, metal furnished by Netherlands Government.
[5] 12 percent nickel, 65 percent copper, 23 percent zinc.
[6] 12 percent nickel, 70 percent copper, 18 percent zinc.
[7] In addition, 30,430 gold discs .916⅔ fine, were made by the Philadelphia Mint for Saudi-Arabia.

Mint Issue of Fine Gold Bars for Arts and Industry, Fiscal year 1945

The value of the fine gold bars issued for arts and industry, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1945, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1944:		1945—Continued.	
July	$1,648,360.16	March	$8,861,603.45
August	3,029,877.65	April	6,460,577.88
September	3,927,354.91	May	5,435,561.80
October	5,682,976.99	June	8,527,485.99
November	5,596,248.64		
December	4,650,029.86	Total	65,290,843.72
1945:			
January	6,146,676.37	Prior fiscal year	24,977,240.48
February	5,324,090.02		

Sales of Silver Under the Green Act During the Fiscal year 1945

Treasury sales of silver under terms of the Green Act amounted to 68,147,834.85 fine ounces during 1945. This silver was sold mainly for industrial use, but included 15,745,826.13 ounces sold to the Philippine Government for coinage executed by United States Mints. Sales by month were as follows:

Month	Philadelphia	San Francisco	Denver	New York	Total
1944:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
July		7,499.56		3,259,379.22	3,266,878.78
August				3,089,827.48	3,089,827.48
September				1,879,916.87	1,879,916.87
October		2,507,757.91	5,353,098.62	3,538,108.66	11,398,965.19
November		29,999.48		3,985,331.51	4,015,330.99
December				2,475,258.12	2,475,258.12
1945:					
January		9,998.09		2,176,434.35	2,186,432.44
February		29,997.82		5,156,039.34	5,186,037.16
March		2,688,309.29	916,296.16	7,457,234.10	11,061,839.55
April		1,507,982.70	2,893,566.83	5,624,173.85	10,025,723.38
May	9,028.22	59,994.83		6,304,381.58	6,373,404.63
June				7,188,220.26	7,188,220.26
Total, fiscal year 1945	9,028.22	6,841,539.68	9,162,961.61	52,134,305.34	68,147,834.85
Total, fiscal year 1944		86,901.48		40,704,665.26	40,791,566.74
Grand total sales [1]	9,028.22	6,928,441.16	9,162,961.61	92,838,970.60	108,939,401.59

[1] Sales under the Green Act (Public Law 137, 78th Cong.) were first made in July 1943.

Lend-Lease Silver

Silver made available to foreign governments by the Treasury under lend-lease procedure amounted to 119,837,109.76 fine ounces during the fiscal year 1945. Details are as follows:

Month	Country	Mint office	Fine ounces
1944:			
July	Saudi Arabia	Philadelphia	3,437,500.00
Do	Australia	San Francisco	3,364,000.00
August	United Kingdom	New York	18,000,000.00
September			
October	Saudi Arabia	Philadelphia	1,031,250.00
November	do	do	3,437,500.00
December			
1945:			
January	India	New York	20,000,000.00
February			
March	Netherlands	Philadelphia	3,972,288.53
Do	do	San Francisco	7,594,571.23
Do	United Kingdom	New York	14,000,000.00
April			
May	India	New York	45,000,000.00
June			
Total fiscal year 1945			119,837,109.76
Total fiscal year 1944			211,359,650.39
Grand total transactions [1]			334,271,760.86

[1] The first lend-lease transaction occurred in May 1943.

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1945, and balances on hand June 30, 1945, as compared with June 30, 1944, are shown in the following table:

Institution	Balance on hand June 30, 1944	Receipts during fiscal year 1945 (details below)[1]	Total	Disbursements during fiscal year 1945 (details below)[1]	Balance on hand June 30, 1945
Philadelphia	$6,318,756.92	$2,985,005.59	$9,303,762.51	$3,541,199.92	$5,762,562.59
San Francisco	368,356,733.32	7,830,784.34	376,187,517.66	826,867.90	375,360,649.76
Denver	5,690,290,875.25	5,462,895.42	5,695,753,770.67	387,455.27	5,695,366,315.40
New York	544,756,515.69	1,079,447,821.91	1,624,204,337.60	999,827,345.50	624,376,992.10
Seattle	1,172,604.90	2,537,971.70	3,710,576.60	3,429,766.48	280,810.12
Fort Knox	14,547,178,936.84		14,547,178,936.84	1,035,488,096.23	13,511,690,840.61
Total	21,158,074,422.92	1,098,264,478.96	22,256,338,901.88	2,043,500,731.30	20,212,838,170.58

[1] Includes transfers.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$925,170.42	$4,718.60	$2,054,365.48	$751.09	$2,985,005.59
San Francisco	7,312,284.42	43,669.61	474,210.15	620.16	7,830,784.34
Denver	2,022,466.30	8,487.78	3,431,516.48	424.86	5,462,895.42
New York	43,160,730.23	14,318.59	1,036,269,033.18	3,739.91	1,079,447,821.91
Seattle	2,537,370.10	425.62		175.98	2,537,971.70
Fort Knox					
Total	55,958,021.47	71,620.20	1,042,229,125.29	5,712.00	1,098,264,478.96

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine bars paid to depositors or sold for cash	Transfers to mints, assay offices, and others	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$1,749,324.72	$1,784,634.05	$7,241.15	$3,541,199.92
San Francisco	805,097.44		21,770.46	826,867.90
Denver	378,172.81		9,282.46	387,455.27
New York	82,130,818.37	917,638,234.65	58,292.48	999,827,345.50
Seattle		3,429,766.48		3,429,766.48
Fort Knox		1,035,488,096.23		1,035,488,096.23
Total	85,063,413.34	1,958,340,731.41	96,586.55	2,043,500,731.30

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denomination and alloy, the amount on hand at the mints, issued, melted, and outstanding on June 30, 1945. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911. During the fiscal

year 1945, 5-cent coins of copper-silver-manganese alloy and 1 cent-coins of copper-zinc alloy were minted.

Item	Total coined	On hand at mints unissued	Issued	Melted	Issued amount outstanding—June 30, 1945
Half cents, copper [1]	$39,909.11		$39,909.11	$2.47	$39,906.64
Cents:					
Copper	1,562,887.44		1,562,887.44	383,774.77	1,179,112.67
Nickel-copper	2,007,720.00		2,007,720.00	809,217.35	1,198,502.65
Bronze and copper-zinc	135,139,000.98	$5,152,270.00	129,986,730.98	2,198,893.86	127,787,837.12
Zinc-coated steel	10,938,386.70		10,938,386.70	6,902.81	10,931,483.89
2 cents, bronze	912,020.00		912,020.00	344,215.88	567,804.12
3 cents, nickel-copper	941,349.48		941,349.48	288,067.08	653,282.40
5 cents:					
Nickel-copper	136,322,816.60		136,322,816.60	12,386,690.16	123,936,126.44
Copper-silver-manganese	35,767,085.00	502,250.00	35,264,835.00	8,495.90	35,256,339.10
Total	323,681,175.31	5,654,520.00	317,976,655.31	16,426,260.28	301,550,395.03

[1] There is no record of the earlier melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Gold and Proof Silver

In order to maintain uniformity in assay of bullion in the mint service, all proof gold and proof silver are made at one institution and furnished other institutions when required. Proof gold is made at the New York Assay Office and proof silver at the Philadelphia Mint.

During the 1945 fiscal year, 533.02 ounces of proof gold and 1,467.08 ounces of proof silver were made.

The New York Assay Office used 55.60 ounces of proof gold during the year and furnished the Denver Mint with 50.00 ounces.

The Philadelphia Mint used 220.00 ounces of proof silver during the year and furnished 136.07 ounces to the New York Assay Office, San Francisco Mint, and the Bureau of the Mint Laboratory. In addition, 1 ounce of proof gold and 3 ounces of proof silver were sold to technical institutions outside the mint service.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1945

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1945, was 8.7 million fine ounces of gold and 635.5 million fine ounces of silver. There were also operated upon at the coinage mints 1,032.9 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	302,026	302,093		302	67		
Coining	66,238	66,247	65,460		13		
San Francisco Mint:							
Melting and refining	6,195,433	6,196,499	122,921	6,195	1,065		
Coining	8	8	8		8		
Denver Mint: Melting and refining	36,285,243	36,285,243	2,131,191	36,285			
New York Assay Office: Melting and refining	8,821,333	8,821,634	6,434,968	8,821	301		
Total melting and refining	51,604,035	51,605,469	8,689,080	51,603	1,433		
Total coining	66,246	66,255	65,468		21		
Grand total	51,670,281	51,671,724	8,754,548	51,603	1,454		

SILVER BULLION

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	254,174,444	253,922,526	254,174,444	381,262		251,917	0.991
Coining	202,917,494	202,884,342	182,965,097	202,917		33,152	.181
San Francisco Mint:							
Melting and refining	570,279,574	570,310,366	44,798,440	855,419	30,793		
Coining	52,102,760	52,083,505	43,192,383	52,103		19,255	.446
Denver Mint:							
Melting and refining	39,947,097	39,965,860	28,341,909	59,921	18,762		
Coining	33,844,692	33,836,051	33,715,875	33,845		10,946	.325
New York Assay Office: Melting and refining	51,543,640	51,558,632	48,344,297	77,315	14,991		
Total melting and refining	915,944,755	915,757,384	375,659,090	1,373,917		[1] 187,371	.499
Total coining	288,864,946	288,803,898	259,873,355	288,865		63,353	.244
Grand total	1,204,809,701	1,204,561,282	635,532,445	1,662,782		[1] 250,724	.394

5-CENT COINAGE METAL [2]

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	18,489,903	17,810,769	18,489,903			679,133	36.730
Coining	22,189,602	22,160,835	19,601,939			28,767	1.467
San Francisco Mint:							
Melting and refining	8,163,410	8,158,012	1,202,165			5,399	4.491
Coining	3,180,621	3,176,829	2,952,422			3,792	1.284
Denver Mint:							
Melting and refining	4,105,253	4,081,533	4,105,253			23,719	5.778
Coining	4,721,663	4,717,415	4,717,415			4,248	.900
Total melting and refining	30,758,566	30,050,314	23,797,321			708,251	29.762
Total coining	30,091,886	30,055,079	27,271,776			36,807	1.350
Grand total	60,850,452	60,105,393	51,069,097			745,058	14.589

[1] Net.
[2] Copper-manganese; silver is stated with other silver bullion.

BRONZE COINAGE METAL

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	378, 859, 947	376, 485, 741	378, 859, 947	----------	----------	2, 374, 206	6. 267
Coining	372, 025, 864	371, 920, 436	329, 983, 176	----------	----------	105, 428	. 319
San Francisco Mint:							
Melting and refining	76, 472, 627	76, 394, 789	60, 462, 907	----------	----------	77, 838	1. 287
Coining	59, 539, 286	59, 464, 755	56, 219, 086	----------	----------	74, 531	1. 326
Denver Mint:							
Melting and refining	77, 696, 218	77, 531, 669	77, 696, 218	----------	----------	164, 549	2. 118
Coining	67, 084, 144	67, 080, 368	66, 074, 214	----------	----------	3, 776	. 057
Total melting and refining	533, 028, 792	530, 412, 199	517, 019, 072	----------	----------	2, 616, 593	5. 061
Total coining	498, 649, 294	498, 465, 559	452, 276, 476	----------	----------	183, 735	. 406
Grand total	1, 031, 678, 086	1, 028, 877, 758	969, 295, 548	----------	----------	2, 800, 328	2. 889

NICKEL-SILVER [1]

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint: Coining	3, 775, 382	3, 778, 731	3, 775, 382	----------	3, 350	----------	----------
San Francisco Mint: Coining	8, 742, 431	8, 729, 484	8, 711, 336	----------	----------	31, 096	3. 569
Grand total	12, 517, 813	12, 508, 215	12, 486, 718	----------	----------	[1] 27, 746	2. 222

[1] Net.
[2] Furnished by foreign governments.

Refined Issue Bars Manufactured, Fiscal Year 1945

Institution	Gold bars		Silver bars	
	Number	Fine ounces	Number	Fine ounces
Philadelphia	835	49, 980. 695	189	18, 165. 16
San Francisco	920	23, 002. 771	2, 470	319, 565. 78
Denver	4, 513	1, 695, 895. 421	----------	----------
New York	36, 561	1, 781, 155. 503	424	112, 611. 71
Total	42, 829	3, 550, 034. 390	3, 083	450, 342. 89

Sweeps Cellar Operations Fiscal Year 1945 (includes crushed, discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	535	53, 500	10. 295	678, 324. 20	14. 472	41, 559. 77
Refinery	San Francisco	1, 050	91, 922	109. 102	2, 365. 86	615. 057	6, 550. 93
Do	Denver	1, 214	95, 314	256. 901	3, 371. 96	----------	----------
Do	New York	418	31, 545	133. 442	2, 847. 22	----------	----------
Coining department	Philadelphia	157	15, 700	----------	35, 486. 28	8. 778	21, 209. 94
Do	San Francisco	32	2, 498	----------	----------	6. 956	3, 617. 87
Deposits division	Philadelphia	20	2, 000	----------	----------	37. 286	559. 65
Do	San Francisco	14	1, 296	----------	----------	11. 288	54. 33
Do	New York	179	11, 809	162. 368	348. 35	----------	----------
Total		3, 619	305, 584	672. 108	722, 743. 87	693. 837	73, 552. 49

Bullion Gains and Losses

The net loss from operations on gold and silver bullion during the fiscal year 1945 amounted to $63,991.10 as follows:

Item	Mint at—			Assay office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from refining and coining operations	$2,687.00	$49,232.81	$5,762.08	$16,700.65		$74,382.63
Recovered incident to receipt of bullion deposits	1,672.05	507.10	369.74	1,293.91	$427.89	4,270.69
Gains on lightweight and mutilated coin received for recoinage	445.12	9.89	7.85	.35		463.21
Gains on bullion shipments (net)					590.36	590.36
Total gains	4,804.26	49,749.80	6,139.67	17,994.91	1,018.25	79,706.89
Wasted in refining and coining operations	133,032.43	7,304.11	3,361.45			143,697.99
Net gain or loss	[1]128,228.17	42,445.69	2,778.22	17,994.91	1,018.25	[1]63,991.10

[1] Net loss.

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1945, was $174,109.22. A loss of $12,626.46 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department	$117,561.38				$117,561.38
Coining department	15,471.05	$7,304.11	$3,361.45		26,136.61
5-cent coinage wastage:					
Melting and refining department	7,288.03	60.26	259.36		7,607.65
Coining department	308.71	42.32	46.45		397.48
Bronze wastage:					
Melting and refining department	19,037.43	636.48	1,248.72		20,922.63
Coining department	845.37	609.44	28.66		1,483.47
Loss on sales of sweeps	4,787.69	4,853.03	2,108.59	$897.15	12,626.46
Total wastage and loss	165,299.66	13,485.64	7,053.23	897.15	186,735.68
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses		7,304.11	3,361.45		10,665.56
5-cent alloy and bronze wastage from minor coinage profits	23,137.31	1,348.50	1,583.19		26,069.00
5-cent alloy wastage offset by charges to Foreign metals accounts	11.18				11.18
Other wastages, and loss on sweeps from appropriations	142,151.17	4,833.03	2,108.59	897.15	149,989.94
Total reimbursements	165,299.66	13,485.64	7,053.23	897.15	186,735.68

Employees

The total number of officers and employees of the Mint Service, by institution and department, as of June 30, 1945, was as follows:

Institution	Established under act of—	Number of employees, by departments										
		General									Total	
		Administrative, etc.	Custodial: Guards	Custodial: Other	Mechanical	Deposits division	Engraving	Assaying	Coining	Melting and refining	June 30, 1945	June 30, 1944
Bureau of the Mint	Feb. 12, 1873	51									51	49
Philadelphia Mint	Apr. 2, 1792	173	60	68	130	104	33	9	1,433	560	2,568	1,501
San Francisco Mint	July 3, 1852	48	20	5	25	6	.....	13	302	101	424	406
Denver Mint	Apr. 21, 1862	35	16	4	30	6	.....	7	213	109	417	360
New York Assay Office	Mar. 3, 1853	30	20	7	9	13	.....	15	.....	60	160	140
West Point Depository	June 22, 1938*	.....	13	1	.....	.....	.....	.....	.....	.....	14	13
Seattle Assay Office	May 21, 1898	1	.....	.....	.....	.....	.....	3	.....	1	6	6
Fort Knox Depository	Aug. 13, 1940*	3	20	4	.....	.....	.....	.....	.....	.....	36	35
Total 1945		341	199	89	203	128	33	47	1,967	831	3,730	.....
Total 1944		289	196	68	180	74	24	49	1,412	669	.....	2,941

*Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin for 1944

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 14, 1945, reported the following results of their examination of the 1944 coinage:

REPORT OF THE COMMITTEE ON COUNTING

In accordance with section 3539 of the Revised Statutes, the committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved were made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected the coins contained therein were counted, and it was found that a sufficient number of pieces had been reserved in each instance as against the amounts shown to be delivered to the superintendents of the respective mints for that particular day, in accordance with the provisions of Section 3539 of the Revised Statutes of the United States, which requires that one silver coin be reserved out of each 2,000 delivered.

REPORT OF THE COMMITTEE ON ASSAYING

In compliance with section 3547 of the Revised Statutes, the Committee on Assaying is pleased to report that the assays have been completed on samples

taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1944, by the United States Mints at Philadelphia, Denver, and San Francisco.

No gold was coined at any of the mints during the year.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	Highest	*Lowest*
Philadelphia Mint	901. 3	898. 6
Denver Mint	900. 5	898. 7
San Francisco Mint	900. 5	898. 6

Result of mass melting:

Philadelphia Mint	899. 0
Denver Mint	899. 6
San Francisco Mint	899. 3

The assay balances were tested and found to be in adjustment. The nitric acid used for assaying was found to be free of chlorine and the weights used for weighing the samples for assay were checked against a set of weights that had been standardized by the National Bureau of Standards.

REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 210 coins, consisting of 121 coins from the Philadelphia Mint, 39 coins from the Denver Mint, and 50 coins from the San Francisco Mint. These coins were taken from 922 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from that Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitivness, accuracy, and reliability of which were tested and found adequate before the beginning of the work on February 14, and again on the morning of February 15.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of each denomination from each mint as found from individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1.5	1.07	0.02	0.36	0.03	0.44	0.26
Quarter dollar	1.5	1.09	.04	.58	.04	.35	.21
Dime	1.5	.79	.03	.76	.10	.45	.04

Considering the 210 coins as a group, the average deviation, with regard to sign was found to be only 0.024 grains. In other words, of the coins weighed the light coins were very nearly offset by the heavy coins. The average error without regard to sign was 0.360 grain. In general, any coin taken at random from any Mint appears equally likely to be heavy or light.

The foregoing report, covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ending June 30, 1945, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

HON. FRED M. VINSON,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1944

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1944

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint-service offices and private refineries from the States and Territories of the United States, including the Philippine Islands, which comes to the United States for reduction. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

Gold production of the United States, including Alaska, for the calendar year 1944, is estimated to have been 1,022,238 fine ounces valued at $35,778,330. Silver production is estimated at 35,651,049 fine ounces valued at $25,351,855 ($0.7111+per ounce). A comparison of these figures with those of 1943 indicates decreases amounting to 372,284 ounces of gold and 5,249,072 ounces of silver.

In 1944 Utah was again the State of largest gold production with 353,550 ounces. Arizona, Nevada, California and Colorado followed in order with over 100,000 ounces for each.

In 1944 Idaho ranked highest in silver production with 10,645,179 ounces; Utah ranked second with 8,104,520 ounces; Montana and Arizona third and fourth with 6,669,273 and 4,674,097 ounces, respectively.

A brief review of mining conditions, for which acknowledgment is made to the Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning the review can be obtained by those interested by addressing the Bureau of Mines at Washington, D. C.

ALASKA

The value of the production of gold and silver from mines in Alaska was $1,734,862 in 1944, compared with $3,515,832 in 1943, according to H. Foster Bain, United States Department of the Interior, Bureau of Mines. Gold recovered from ores and gravels totaled 49,296 fine ounces valued at $1,725,360, a decrease of 50 percent from the 1943 output and only 7 percent of the quantity produced in 1941. Thus,

from 1941 to 1944 virtually all of the modern gold-mining industry, which has meant so much to Alaska, was wiped out, becoming a war casualty.

Of the total Alaska output of gold in 1944, placer mines produced 68 percent and floating connected-bucket dredges 53 percent, compared with 19 percent for dredges in 1943. Nine dredges operated in 1944, compared with 7 in 1943, all under permits from the War Production Board. Other placer operations numbered 189 and recovered 15 percent of the total gold produced, compared with 22 percent in 1943.

Nine lode mines were active in 1944, compared with 8 in 1943, and these contributed 32 percent of the total gold output, compared with 58 percent in 1943. The Alaska Juneau Gold Mining Co. at Juneau remained the largest single producer of lode gold. This company, operating at a greatly reduced capacity, closed its mine indefinitely on April 9, 1944, as a result of a manpower shortage and a War Labor Board decision to award a 14-cent wage increase to all company employees. The Cleary Hill Mines Co. operated its mine on Cleary Creek in the Fairbanks district under a lode-mine permit from the War Production Board, and the Alaska Pacific Consolidated Mining Co. mine in the Willow Creek district north of Wasilla, idle since August 8, 1943, was permitted to resume operations in May. Six other lode mines produced small quantities of gold ore.

The output of recovered silver in 1944 totaled 13,362 fine ounces valued at $9,502, a decline of 69 percent from the 1943 production. All was produced as a byproduct of gold mining, and 69 percent came from lode operations. The Alaska Juneau mine was the largest producer.

The total production of gold and silver in Alaska in terms of recovered metals from 1880 through 1944 has been 25,788,530 ounces of gold, valued at $615,613,152, and 19,738,522 ounces of silver, valued at $14,040,723.

ARIZONA

The value of the production of gold, silver, copper, lead, and zinc from mines in Arizona was $113,094,806 in 1944 compared with $121,212,902 in 1943—a decrease of 7 percent; however, it exceeded that for the same five metals in any other State, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The value of the gold was $3,925,670—a 35-percent decline from 1943; silver, $3,124,650—a 23-percent decline; and copper, $96,741,810—an 8-percent decline. The value of the lead was $2,673,120—a 30-percent gain; and zinc, $6,629,556—a 56-percent gain. The value of the gold production represented 3 percent of the State total, silver 3 percent, copper 86 percent, lead 2 percent, and zinc 6 percent.

Nearly all of the gold mines in Arizona were idle in 1944 as a result of the Government gold-mine closing order issued in October 1942; however, the primary cause of a loss in output of gold, silver, and copper in 1944 was a serious shortage of labor. The chief source of gold and silver in 1944 was, as in 1943, copper ore.

The output of recoverable gold in Arizona in 1944 was 112,162 fine ounces—a 35-percent decrease from 1943. Gold from siliceous ores (chiefly dry and siliceous gold ore) declined 15,093 ounces or more

than 58 percent, that from copper ore, 42,633 ounces or nearly 32 percent, and that from zinc-lead ore, 2,399 ounces or nearly 25 percent. Gold from placers decreased from 319 fine ounces in 1943 to 242 ounces in 1944; no dredges of any type were active in 1944. Copper ore yielded 81 percent of the State total gold, siliceous ores nearly 10 percent, and zinc-lead ore more than 6 percent. Gold recovered from ore and old tailings cyanided amounted to 656 ounces; from concentrates smelted, 60,710 ounces; from crude ore sent direct to smelters, 50,554 ounces; and from placers, 242 ounces. No gold ore was treated at amalgamation mills in 1944, and the siliceous material treated at cyanidation and cyanidation-concentration plants decreased from 144,338 tons in 1943 to 30,443 tons in 1944; 2 straight cyanidation plants treated 2,950 tons of material in 1944 compared with 4 plants that treated 24,700 tons in 1943. The only important cyanidation plant was the one at the Mammoth-St. Anthony Limited property and it closed down in July. The chief gold-producing districts in Arizona in 1944 were the Warren, Ajo, Verde, Pioneer (Superior), Old Hat, Big Bug, and Copper Mountain (Morenci). The Copper Queen (Bisbee) branch of the Phelps Dodge Corporation continued to be the leading gold producer in Arizona, although its output declined 35 percent from that in 1943; it was followed by the New Cornelia mine in Pima County, the United Verde mine in Yavapai County, the Magma mine and the Mammoth-St. Anthony Limited property both in Pinal County, the Morenci branch of the Phelps Dodge Corporation in Greenless County, and the Iron King mine in Yavapai County. These 7 properties produced 84 percent of the State total output.

The total gold production in the State of Arizona, in terms of recovered metals, from 1860 to 1944, inclusive, has been 10,711,912 ounces.

The output of recoverable silver in Arizona in 1944 was 4,394,039 fine ounces—a 23-percent decrease from 1943. The chief decreases were 1,260,601 ounces in silver from copper ore, 193,711 ounces from siliceous ores, and 24,753 ounces from zinc-lead-copper ore. The principal increase was 151,170 ounces from zinc-lead ore. Copper ore yielded 71 percent of the State total silver; zinc-lead ore, 18 percent; siliceous ores, 4 percent; zinc-copper ore, nearly 4 percent; lead ore, 2 percent; and zinc-lead-copper ore, 1 percent. The Phelps Dodge Corporation continued to be the chief silver producer in Arizona, although its output was nearly 32 percent less than in 1943; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 68 percent of the State gold output, nearly 59 percent of the silver, and 58 percent of the copper. Other large silver producers in Arizona in 1944 were the Magma, Iron King, Trench-Flux, San Xavier (Eagle-Picher Mining & Smelting Co.), Shattuck Denn, and Castle Dome properties. The chief silver-producing districts were the Warren (Bisbee), Verde (Jerome), Pioneer (Superior), Ajo, Copper Mountain (Morenci), Big Bug, Globe-Miami, Harshaw, and Pima; nearly 49 percent of the total silver came from the Warren and Verde districts, but the output from these districts decreased 1,148,400 ounces from 1943.

The total silver production in the State of Arizona in terms of recovered metal, from 1860 to 1944, inclusive, has been 285,860,433 ounces.

CALIFORNIA

California gold production in 1944 fell below that in any year since 1848, the year James A. Marshall made his historic discovery in the gravels of the American River near Coloma, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. Higher wages, enlistment of miners in the armed forces, migration of miners to war industries, rising prices of supplies and equipment and difficulties in obtaining them, increased taxes, and the fixed price for gold were factors which accelerated the downward trend which has been under way since 1941. War Production Board Order L–208 promulgated October 8, 1942, was in force throughout 1944 with the result that no gold mines except the very smallest could operate except under special grant. California gold miners were issued grants as follows: During 1942, 18; during 1943, 27; and during 1944, 25; none was rescinded. Of the 119 grants issued domestic gold miners, California producers received 70 and those in all other States 49. California has never derived a large part of its gold output as a byproduct from base metal mines; this proportion was much higher in 1944, however, than in preceding years, particularly those before 1942.

Monthly production figures covering the period since January 1937 show an upward trend until a peak was reached during 1940. In 1941, however, a reaction set in which gained headway in 1942. By February 1943 a production of 8,547 ounces was reported compared with a high of 149,718 ounces recorded in December 1940. The monthly fluctuations were narrower in 1944; the monthly average for the year was 9,781 ounces compared with a monthly average of 12,361 in 1943; in 1940 the monthly average was 121,306 ounces. The 1944 monthly data revealed no trend, the production in January being 10,216 ounces and in December 10,218 ounces.

The output of recoverable gold from California ores, gravels, and re-treated tailings in1944 was 117,373 fine ounces valued at $4,108,055 compared with a production of 148,328 ounces valued at $5,191,480 in 1943; the decrease in both quantity and value was 21 percent. In 1944, 109 lode mines produced 42,324 ounces of gold, valued at $1,481,340, and 66 placer mines produced 75,049 ounces of gold, valued at $2,626,715. Placer mines supplied 64 percent and lode mines 36 percent of the total in 1944 compared with 60 percent for placer mines and 40 percent for lode mines in 1943; the placer-lode gold production ratio was the highest since 1900, when separate annual data were first compiled and almost certainly the highest since large scale hydraulicking was terminated by the Sawyer decision of 1884. Of the gold derived from lode operations 75 percent was recovered from dry gold ore, 9 percent from zinc ore, 8 percent from copper ore, 5 percent from lead ore, and the remainder from gold-silver, silver, zinc-copper, and zinc-lead ores. Metallurgical data show that 35 percent of the lode gold in 1944 (52 percent in 1943) was recovered by smelting of concentrates, 35 percent (20 percent in 1943) by amalgamation of ore and old tailings, 22 percent (14 percent in 1943) by cyanidation of ore, old tailings, and concentrates, and 8 percent (14 percent in 1943) by smelting of ore and old tailings.

Although gold output was not as greatly reduced at placers as at lode mines, nevertheless, the placer production decreased 16 percent.

In the following data on placer mining 1943 figures are given in parentheses. Dredging was the leading method of working placer deposits in 1944 both as to yardage of gravel washed and the quantity of placer gold recovered. Floating dredges of the connected-bucket type washed 21,524,000 (17,880,000) cubic yards of gravel and recovered 64,925 (66,999) ounces of gold, valued at $2,272,375 ($2,344,965), or 87 (75) percent of the placer gold produced in the State in 1944. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) washed 1,213,000 (3,180,000) yards of gravel, which yielded 6,241 (14,196) ounces of gold, valued at $218,435 ($496,860). Nonfloating washing plants to which gravel was delivered by mechanical means washed 223,000 (547,000) yards of gravel and recovered 1,210 (2,997) ounces of gold, valued at $42,350 ($104,895). Hydraulic mines produced 838 (1,723) ounces of gold valued at $29,330 ($60,305) derived from 212,000 (366,000) yards of gravel; 3,800 (4,500) yards of gravel from drift mines were washed from which 424 (970) ounces of gold, valued at $14,840 ($33,950) were recovered. Small scale hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in the production of 1,411 (2,540) ounces of gold, valued at $49,385 ($88,900).

Yuba and Sacramento Counties, because of the productivity of those connected-bucket dredges which were granted permission to operate with older men under Order L–208, ranked first and second respectively among California's leading gold-producing counties in 1944. Nevada County stood in third place in 1944; almost all of the gold produced in the county was credited to lode mines in the Grass Valley-Nevada City district. Butte County which occupied fourth place, derived nearly two-thirds of its 1944 gold output from dragline dredging and nearly one-third from connected-bucket dredging. Tuolumne County, which occupied fifth place, derived most of its 1944 gold production from the Eagle Shawmut mine. Other counties producing over $100,000 in gold in 1944, listed in order of output, were Mariposa County (gold ore and zinc ore), San Joaquin County (dredging), Stanislaus County (dredging), Siskiyou County (copper ore), and Sierra County (gold ore).

The principal gold-producing mines in California in 1944, listed by operators in order of output, were the Yuba Consolidated Gold Fields (Yuba Unit), Yuba County (dredge); Natomas Co., Sacramento County (dredge); Empire Star Mines Co., Ltd., and New Verde Mines Corporation (joint operators of Empire Star mines) Nevada County (gold ore); Idaho Maryland Mines Corporation, Nevada County (gold ore); Golden Feather Dredging Co., Butte County (dragline dredge); Miller and Clemson, Tuolumne County (gold ore); Tuolumne Gold Dredging Corporation, Stanislaus County (dredge); Oroville Gold Dredging Co., Butte County (dredge); Gray Eagle Copper Co., Siskiyou County (copper ore); Mount Gaines Mining Co., Mariposa County (gold ore); Original Sixteen to One Mine, Inc., Sierra County (gold ore); Red Cloud Mines, Inc., Mariposa County (zinc ore), and Shoshone Mines, Inc., Inyo County (lead ore).

The output of silver from California ores, gravels, and retreated tailings in 1944 was 778,936 fine ounces, valued at $533,910, compared with a production of 609,075 ounces, valued at $433,120 in 1943. Of the lode silver 39 percent was derived from lead ore, 25 percent from

zinc ore, 12 percent from zinc-lead ore, 11 percent from zinc-copper ore, 5 percent from tungsten ore, 3 percent each from copper ore and gold ore, and 2 percent from other dry ores. A small quantity of silver was recovered as a byproduct of dredging and other placer mining carried on principally for gold. Smelting of concentrates supplied 52 percent of the lode silver recovered in the State; smelting of ore and old tailings 46 percent; and cyanidation and amalgamation of ore and old tailings 2 percent.

The principal silver-producing mines in California in 1944, listed by operators and in order of output, were Darwin Mines, Arthur J. Theis, Trustee, Inyo County (lead ore); Red Cloud Mines, Inc., Mariposa County (zinc ore); Shoshone Mines, Inc., Inyo County (lead ore); The Mountain Copper Co., Ltd., Shasta County (copper ore); Louis Warnken, Jr., Inyo County (lead ore); United States Vanadium Corporation, Inyo County (tungsten ore); Eagle Shawmut mine (Penn Division), Calaveras County (zinc ore); G. Ivan Smith, Calaveras County (zinc ore); Blue Light Silver Mines Co., Orange County (zinc ore); and L. D. Foreman & Co. (Last Chance slag dump), Inyo County (lead ore).

CENTRAL STATES

No mine production of gold was reported from ores mined in the Central States from 1941 to 1944, inclusive. The output of recoverable silver in 1944 totaled 148,898 ounces valued at $105,883, compared with 161,917 ounces valued at $115,141 in 1943, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. Three States—Missouri, Illinois, and Michigan—contributed to the output in both years. Most of the Missouri production (92,243 ounces) was derived from refining some of the lead bullion obtained from Southeastern Missouri lead ores (largely from the mines of the St. Joseph Lead Co.). Copper concentrates made in milling lead-copper-cobalt-nickel-iron ore from the St. Louis Smelting & Refining Co. mines at Fredericktown also yielded some silver. In Illinois 2,437 ounces of silver were recovered from lead concentrates made in milling zinc-lead fluorspar and lead fluorspar ores. Copper ore from Michigan yielded 54,218 ounces of recoverable silver, most of which was derived from copper bullion shipped by the Quincy Mining Co. to the electrolytic refinery at Laurel Hill, N. Y. Some native silver was recovered in mill jigs and by hand picking from tables in the Calumet and Hecla and Quincy mills; that alloyed with copper was treated by ammonia leaching to remove the copper before shipment to the mint. Considerable silver not reported as mine production is retained in copper bullion used for making commutators in electric motor armatures, engravers plate, trolley wire, and other articles. The quantity of silver in this bullion ranges from 16 to 26 ounces to the ton. Of this quantity, about 10 ounces are derived directly from the ore and the rest is purchased from dealers and added to the bullion. Bullion containing the added silver brings a premium of one-half cent a pound. The silver is said to raise annealing temperatures, prevent brittleness, facilitate soldering, and increase hardness and conductivity.

COLORADO

Colorado gold production in 1944 fell below that in any year since 1875, according to Richard H. Mote, of the United States Department

of the Interior, Bureau of Mines. Gold recovered from Colorado mines in 1944 totaled 111,455 fine ounces, valued at $3,900,925, a 19-percent decrease in both quantity and value from the 1943 output.

The total ore sold or treated in Colorado was 1,550,422 tons in 1944 compared with 1,631,318 tons in 1943. The number of producing lode mines decreased from 235 in 1943 to 196 in 1944; the number of placer mines decreased from 17 to 13.

The principal gold-producing districts in 1944 were: Cripple Creek, Teller County, which produced 28 percent of the State output of recovered gold; Animas, San Juan County, 25 percent; California (Leadville), Lake County, 18 percent; Upper San Miguel, San Miguel County, 17 percent; Sneffels, Ouray County, 3 percent; Summitville, Rio Grande County, 2 percent; Ten Mile, Summit County, 1 percent; and Buckskin, Park County, 1 percent. Dry and siliceous ores yielded 83 percent of the State total gold; zinc-lead ore, 15 percent; and copper, lead, and zinc ores and small placer operations, 2 percent.

Mine production of recovered silver in Colorado in 1944 was 2,248,830 fine ounces valued at $1,599,168, a decrease of 16 percent in both quantity and value from the 1943 output. The Creede district, Mineral County, continued to be the largest producer of silver and contributed 23 percent of the State total in 1944. Other principal silver-producing districts were: California (Leadville), Lake County, which produced 22 percent of the State output; Animas, San Juan County, 10 percent; Upper San Miguel, San Miguel County, 8 percent; Red Cliff, Eagle County, 6 percent; Roaring Fork, Pitkin County, 6 percent; Pioneer (Rico), Dolores County, 5 percent; Sneffels, Ouray County, 4 percent; and Griffith, Clear Creek County, 4 percent. Dry and siliceous ores yielded 53 percent of the State total silver; zinc-lead ore, 42 percent; lead ore, 4 percent; and copper and zinc ores and small placer mines, 1 percent.

The Golden Cycle mill at Colorado Springs operated throughout the year on company and custom ores from nearly all mining districts in the State; 221,543 tons of ore were treated in 1944 as compared with 287,939 tons in 1943. Of the total ore treated, 113,565 tons (226,908 tons in 1943) were company and custom gold-[silver]-sulfotelluride ores from the Cripple Creek district (Teller County) and 107,978 tons (61,031 tons in 1943) were miscellaneous zinc-lead and gold ores from Boulder, Chaffee, Clear Creek, Custer, Fremont, Gilpin, Gunnison, Lake, Park, Pitkin, Saguache, San Juan, and Summit Counties.

All the placer gold and silver produced in Colorado in 1944 was recovered by small-scale hand methods. Figures for the quantity of gravel handled at these operations during the year are not obtainable.

The total production of gold and silver in Colorado, in terms of recovered metals, from 1858 through 1944, has been 38,814,395 fine ounces of gold valued at $852,380,789, 48 percent of which was produced from mines in the Cripple Creek district of Teller County, and 725,959,747 fine ounces of silver valued at $564,176,595.

EASTERN AND APPALACHIAN STATES

As the wartime shut-down of the gold mines in the Eastern and Appalachian States continued throughout 1944, the only output of

gold and silver during the year was that recovered as a byproduct of the mining of other metals and the 5 ounces of gold recovered by individuals from placer gravel. The total mine output of gold was 2,595 fine ounces valued at $90,825, compared with 2,878 ounces valued at $100,730 in 1943, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The silver production totaled 124,006 ounces valued at $88,182 in 1944, compared with 128,129 ounces valued at $91,114 in 1943. The estimated total output of gold in the Southern Appalachian States (Alabama, Georgia, Maryland, North Carolina, South Carolina, Tennessee, and Virginia) from 1799 to 1944 is recorded as 2,597,774 fine ounces valued at $55,386,929. Alabama, Maryland, and South Carolina had no gold production in 1944, and the combined output of the other four Southern Appalachian States was only 380 ounces. Three of these States (North Carolina, Tennessee, and Virginia) contributed to the output of silver in 1944; their total production was 66,361 ounces. In the Northern Appalachian region, Pennsylvania and Vermont together produced 2,215 ounces of gold and 32,407 ounces of silver, and New York produced 25,238 ounces of silver.

The Pennsylvania output was 2,115 ounces of gold and 13,545 ounces of silver in 1944, compared with 2,218 and 13,095 ounces, respectively, in 1943. These metals were recovered as byproducts from magnetite-pyrite-chalcopyrite ore from the Cornwall mine in Lebanon County. The ore is treated in a combined 6,500-ton magnetic concentration and 2,800-ton flotation mill. The flotation equipment treats tailings from the magnetic separators for the recovery of copper concentrates, which contain most of the gold and silver, and pyrite concentrates, which contain cobalt. The copper concentrates are shipped to the Phelps Dodge smelter and electrolytic refinery at Laurel Hill, N. Y., where gold and silver are recovered. The Vermont output of 100 ounces of gold and 18,862 ounces of silver in 1944 was also recovered from copper concentrates shipped to the Laurel Hill plant; the concentrates were derived from copper ore from the Elizabeth mine of the Vermont Copper Co. in Orange County and contained 21.60 percent copper and 0.015 ounce of gold and 2.50 ounces of silver to the ton. The New York silver production came from the Balmat mine of the St. Joseph Lead Co. in St. Lawrence County. The ore contains zinc, iron, and lead sulfides, and some silver is associated with the lead; it is treated by selective flotation, yielding zinc concentrates, pyrite concentrates, and lead concentrates. The recoverable silver is contained in the lead concentrates, which are shipped to the company smelter at Herculaneum, Mo.

In the Southern Appalachian States the lode gold and silver produced in 1944 were derived from copper, copper-iron, and zinc-lead ores. In Tennessee the blister copper made by the Tennessee Copper Co. smelter in treating copper concentrates produced in the company mills in the Ducktown district, Polk County, contains some gold and silver which are recovered as byproducts after the copper bullion is shipped to an electrolytic refinery on the Atlantic seaboard. The quantity recovered in 1944 was 222 ounces of gold and 45,907 ounces of silver. The Ducktown ore contains copper, iron, and zinc sulfides, and the mill products include iron and zinc concentrates as well as copper concentrates, but only the copper concentrates contain recoverable gold and silver. The Virginia output of gold and silver in

1944 comprised 132 ounces of gold and 18,031 ounces of silver from the Valzinco mine in Spotsylvania County (closed in January 1945), and 962 ounces of silver from the Toncrae copper mine in Floyd County. The Valzinco ore contains lead and zinc sulfides and a little copper, gold, and silver. Most of the recoverable gold and silver was contained in lead-zinc concentrates shipped to the Tooele (Utah) smelter and slag-fuming plant; the rest was recovered from zinc concentrates shipped to the Langeloth (Pa.) smelter, from which residues containing gold, silver, and copper were shipped to a copper smelter in New Jersey. The silver from the Toncrae mine was recovered from ore shipped crude to the Cartaret (N. J.) smelter. In North Carolina copper ore from the Fontana and Hazel Creek mines in Swain County, and the Bear Creek mine in Chatham County, yielded 21 ounces of gold and 1,461 ounces of silver. The ore from the Hazel Creek mine was concentrated in a small mill on the property and the concentrates were shipped to the Cartaret (N. J.) smelter. The Bear Creek ore was shipped to this smelter, and the Fontana ore was shipped to the Copperhill (Tenn.) smelter. The Georgia output in 1944 comprised 5 ounces of gold and less than one-half ounce of silver recovered by individuals from placer gravel in Dawson and Lumpkin Counties.

IDAHO

The total value of gold, silver, copper, lead, and zinc produced by Idaho mines was $42,591,137 in 1944 compared with $43,199,910 in 1943, a 1-percent decrease, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The value of the gold output was $875,280 (2 percent of the State total), silver $7,062,481 (nearly 17 percent), copper $455,760 (1 percent), lead $13,364,800 (31 percent), and zinc $20,832,816 (49 percent). The quantity and value of each metal, except zinc, produced were less than in 1943. Compared with 1943 gold production decreased 19 percent, silver 15, copper 27, and lead 13; zinc production increased 5 percent.

The output of recoverable gold in Idaho was 25,008 fine ounces in 1944 compared with 30,808 fine ounces in 1943. This decrease resulted principally from a marked decline in output of gold from the Boise-Rochester-Monarch (Talache Mines, Inc.) property at Atlanta, which had been the largest producer of gold in Idaho since 1940. The yield of gold from lode mines decreased from 30,553 ounces in 1943 to 24,782 ounces in 1944 and that from placers from 255 to 136 ounces. In 1942 the yield of gold from lode mines was 50,440 ounces and that from placers 44,580 ounces. Nearly all of the gold properties in the State have been idle since the gold-mine closing order issued by the Government in October 1942. About 53 percent of the State total gold in 1944 came from siliceous gold ore, 43 percent from zinc-lead ore and old tailings, and nearly all the remainder from lead ore, copper ore, silver ore, and placers. In 1944 more than 79 percent of the State gold output came from three lode mines in the Yellow Pine, Warm Springs, and Middle Boise (Atlanta) districts.

The Bradley Mining Co., operating the Yellow Pine mine at Stibnite, was the largest gold producer in Idaho in 1944; it was followed in order by the Triumph mine near Ketchum and the Boise-Rochester-Monarch property at Atlanta.

The total production of gold, in terms of recoverable metals, from 1863 to 1944 inclusive, has been 7,779,994 ounces.

The output of recoverable silver in Idaho was 9,931,614 fine ounces in 1944—15 percent less than in 1943; but the State remained the largest producer of silver in the United States. The loss was attributed largely to suspension in March of the mining of silver-copper-antimony ore from the Sunshine vein by the Sunshine Mining Co.; however, a greater decrease was prevented through the large output of lead-silver ore made from the Chester vein and the Silver Syndicate fault zone near Kellogg by the Sunshine Mining Co. Large decreases in silver output occurred also at the Mineral Point, Hecla, Bunker Hill & Sullivan, Polaris, Morning, Triumph, Page, Tamarack, Yellow Pine, Gold Hunter, and Sherman properties. The Coeur d'Alene region produced 87 percent of the State total silver in 1944; the remainder came largely from the Warm Springs, Bayhorse, Yellow Pine, Deadwood Basin, Blue Wing, Clark Fork, and South Mountain districts. Of the State total silver, zinc-lead ore and old tailings yielded 43 percent, lead ore 32 percent, silver ore 22 percent, and gold ore, zinc ore, and zinc slag nearly all the remainder. The yield of silver from silver ore decreased 2,379,088 ounces and from zinc-lead ore 677,979 ounces, but that from lead ore increased 1,359,947 ounces, owing to the yield from the Chester vein and the Silver Syndicate fault zone.

Ten mines—the Sunshine, Polaris, Bunker Hill & Sullivan, Triumph, Osborn tailing plant, Page, Silver Dollar, Morning, Mineral Point, and Silver Syndicate—produced 76 percent of the silver output of the State in 1944. All these mines except the Triumph are in the Coeur d'Alene region.

The total production of silver, in terms of recoverable metals, from 1863 to 1944 inclusive, has been 505,851,641 ounces.

MONTANA

Copper ore remained the chief source of metal value in Montana in 1944; the value of the metals recovered from copper ore and its products was $35,998,281 or 73 percent of the State total, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The total value of the gold, silver, copper, lead, and zinc produced from Montana ores and gravels was, in terms of recovered metals, $49,039,855 in 1944, compared with $53,642,658 in 1943. This 9-percent decrease resulted from a smaller output of each metal; however, the value of the zinc output was greater owing to the higher average price of the metal. The total value ($1,750,735) of the gold output declined 16 percent; silver ($5,044,064), 16 percent; copper ($31,911,300), 9 percent; and lead ($2,096,800), 14 percent. The value ($8,236,956) of the zinc output increased 1 percent. Silver Bow County, which yielded virtually all the copper output of the State and most of the silver, produced gold, silver, copper, lead, and zinc value at $38,877,303 compared with $42,100,656 in 1943. The decrease resulted from a smaller output of gold, silver, and copper, as the yield of lead and zinc was greater.

Montana ores and gravels yielded 50,021 fine ounces of gold in 1944, compared with 59,586 ounces in 1943—a 16-percent decrease; the output from lode mines decreased 1,716 ounces and from placer mines

7,849 ounces. Marked decreases in gold output at the Boaz mine and the Perry-Schroeder bucket dredge more than offset a substantial increase at the Jardine mine. War Production Board Limitation Order L–208 restricting production from gold mines remained in effect throughout 1944; however, grants for continuation of operation were extended to four producers in Montana in 1944. These mines justified their operation by reason of supplying a special product to the Government or smelters or because exhaustion of the mineral deposits was near completion. Siliceous ores (chiefly gold ore) yielded 51 percent of the State total gold, base-metal ores (mainly copper ore and zinc-lead ore) 36 percent, and placers 13 percent. Gold recovered from gold ore and base-metal ores was virtually the same as in 1943, but gold from siliceous silver ore declined 1,426 ounces. More than 85 percent of the State total gold came from properties in the Summit Valley (Butte), Sheepeater (Jardine), Whitehall, New World (Cooke City), Henderson, Flint Creek (Philipsburg), Missouri River, Marysville, and Norris districts. Gold ore mined totaled 97,928 tons, compared with 72,616 tons in 1943, and comprised 50,935 tons treated in amalgamation and cyanidation mills, 21,352 tons in concentrating mills, and 25,641 tons shipped crude to smelters. Ore treated at amalgamation and cyanidation mills (with or without concentrating equipment) yielded more than 14 percent of the State total gold; ore concentrated, 40 percent; and ore of all classes shipped crude to smelters, 33 percent. Two floating connected-bucket dredges were active in 1944; however, one of these—Perry-Schroeder 6-cubic foot (90-bucket) dredge on the Missouri River in Lewis and Clark County—ceased operations April 12, 1944, owing to exhaustion of profitable gravel. The other (H. & H. Mines 3½-cubic foot bucket dredge on Henderson Creek in Granite County) remained in operation through December and is still operating in 1945, because this dredge recovers tungsten in addition to gold.

The leading gold producers in Montana in 1944 were: All the company-operated copper mines, waste dumps, tailing dumps, and slime ponds of the Anaconda Copper Mining Co. at Butte and Anaconda; the Jardine mine at Jardine; the Golden Sunlight mine near Whitehall; the Estelle mine at Cooke City; the H. & H. Dredge near Hall; the Granite-Bimetallic tailing dump at Philipsburg; the Perry-Schroeder dredge near Helena; and the Boaz mine at Norris.

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1944, inclusive, has been 16,937,017 fine ounces.

The output of recoverable silver in Montana was 7,093,215 fine ounces in 1944, compared with 8,450,370 ounces in 1943— a 16-percent decrease. The principal decreases were in the Summit Valley (Butte), Hog Heaven, Barker, Montana, Elkhorn, Colorado, and Heddleston districts. Ore treated at concentrating mills yielded 88 percent of the total silver and smelting ore 11 percent; the remainder came largely from slag fumed. Copper ore yielded 78 percent of the State total siver; zinc-lead ore 11 percent; siliceous ores 9 percent; and lead ore and zinc ore 2 percent. The output of silver from siliceous silver ore declined 692,950 ounces, that from copper ore 497,540 ounces, and from zinc-lead ore 195,983 ounces, and that from lead ore 15,598 ounces, but silver from zinc ore and slag increased 34,537 ounces.

Copper mines, mine dumps, tailing dumps, slime ponds, and zinc mines and the North Butte property (all at either Butte or Anaconda) and the Flathead mine (in Flathead County), all operated by the

Anaconda Copper Mining Co., produced 79 percent of the State total silver in 1944. Other large producers included the Emma mine at Butte (all byproduct silver), the Granite Bimetallic tailing dump at Philipsburg, and the Mike Horse mine near Flesher in Lewis and Clark County.

The total production of silver in Montana, in terms of recovered metal, from 1862 to 1944, inclusive, has been 739,934,613 fine ounces.

NEVADA

Nevada gold production (in terms of recovered metals) in 1944 decreased 18 percent and silver 22 percent in both quantity and value compared with 1943, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. Higher wages, enlistment of miners in the armed forces, migration of miners to war industries and military construction jobs, rising prices of supplies and equipment and the difficulties in obtaining them, increased taxes, and the fixed prices for gold and silver were all factors in reducing Nevada's precious metal production. In addition the enforcement through 1944 of War Production Board Order L–208, which had been promulgated October 8, 1942, resulted in many gold mines being inactive. Gold and silver production would have fallen even lower had it not been for substantial outputs of the precious metals as byproducts from base metal mines stimulated by war demands. In 1943 for the first time in the history of the State, more gold was derived from base metal ores than from dry ores and this condition continued in 1944.

The output of gold from Nevada ores, re-treated tailings, and gravels in 1944 was 119,056 fine ounces valued at $4,166,960 compared with 144,442 ounces valued at $5,055,470 in 1943. This output was the lowest in both quantity and value since 1933. Production of silver in 1944 was 1,259,636 fine ounces valued at $895,741 compared with 1,620,280 ounces valued at $1,152,199 in 1943. Thus silver output also was the lowest in quantity and value since 1933.

Gold was recovered from the following sources: Copper ore, 46 percent; dry gold ore, 42 percent; placer gravel, 6 percent; zinc ore, 3 percent; dry gold-silver ore, 2 percent; and other ores 1 percent. Metallurgical data show that 52 percent of the State lode gold was recovered by the smelting of concentrates, 42 percent by cyaniding of ore and old tailings, 5 percent by the direct smelting of ore and old tailings, and 1 percent by amalgamation of ore and old tailings. Smelting of concentrates, direct smelting of ore and old tailings, and amalgamation of ore and old tailings as gold recovery methods were less important in 1944 than in 1943 but the proportion of gold recovered by cyanidation of ore and old tailings increased.

The principal Nevada gold mines in 1944 listed by operating companies and in order of output were Getchell Mine, Inc., Humboldt County (gold ore); Kennecott Copper Corporation (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corporation, White Pine County (copper ore); Willow Creek Mines, Inc., Lander County (gold ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); International Smelting & Refining Co., Lander County (copper ore and old tailings); Combined Metals Reduction Co., Lincoln County (zinc ore); and Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore).

Nevada lode silver was recovered from the following sources in 1944: Zinc ore, 30 percent; copper ore, 28 percent; lead ore, 13 percent; dry gold-silver ore, 11 percent; zinc-lead ore, 10 percent; dry silver ore, 6 percent; and dry gold ore, 2 percent. Placer gravels washed primarily for gold, yielded a small quantity of silver. Smelting of concentrates accounted for 56 percent of the lode silver produced in Nevada in 1944; 40 percent was recovered by direct smelting of ore and old tailings and almost 4 percent by cyanidation of ore and old tailings; a very small quantity of silver was recovered by amalgamation of ore and old tailings.

The principal silver mines in Nevada in 1944 listed by operating companies and in order of output were: Combined Metals Reduction Co., Lincoln County (zinc ore); Kennecott Copper Corporation (Nevada Mines Division) White Pine County (copper ore); International Smelting and Refining Co., Lander County (copper ore and old tailings); lessees of the Tonopah Mining Co. of Nevada, Nye County (gold-silver ore); Bristol Silver Mines Co., Lincoln County (copper ore and zinc-lead ore); Prince Consolidated Mining Co., Lincoln County (zinc ore); Consolidated Coppermines Corporation, White Pine County (copper ore); and Salt Lake-Pioche Mining Co. (Financier mine) Lincoln County (lead ore).

NEW MEXICO

Mines in New Mexico yielded (in terms of recovered metal) 6,918 fine ounces of gold valued at $242,130 in 1944, according to Richard H. Mote, of the United States Department of the Interior, Bureau of Mines. Except for 1943, the production of gold in New Mexico was the lowest since 1880. The principal gold-producing districts in 1944 were: Central, Grant County, which produced 34 percent of the State output of recovered gold; Lordsburg, Hidalgo County, 33 percent; Mogollon, Catron County, 15 percent; Willow Creek (Terrero), San Miguel County, 8 percent; Steeple Rock, Grant County, 4 percent; Pinos Altos, Grant County, 3 percent; and Magdalena, Socorro County, 2 percent.

Copper ore yielded 37 percent of the State total gold; zinc-lead ore, 33 percent; dry and siliceous ores, 21 percent; and lead and zinc ores, 9 percent.

The mine production of recovered silver in New Mexico in 1944 was 535,275 fine ounces valued at $380,640. The Central district contributed 40 percent of the State total in 1944; Lordsburg, 21 percent; Magdalena, 12 percent; Mogollon, 11 percent; Steeple Rock, 4 percent; Pinos Altos, 3 percent; Willow Creek (Terrero), 2 percent; Kingston, 2 percent; and Swartz, 2 percent.

Zinc-lead ore yielded nearly 63 percent of the total silver; copper ore, nearly 22 percent; dry and siliceous ores, 12 percent; and lead and zinc ores, 4 percent.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1944, has been 2,173,222 fine ounces of gold valued at $49,396,963 and 66,931,604 fine ounces of silver valued at $52,341,337.

OREGON

Gold production in Oregon in 1944, although 25 percent above the 1943 output, was less than 2 percent of the all-time record set just 4

years earlier (in 1940) according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The production of gold from Oregon ores, gravels, and re-treated tailings in 1944 was 1,369 fine ounces valued at $47,915 compared with 1,097 ounces valued at $38,395 in 1943. The leading Oregon gold producer in 1944 reported an output valued at less than $8,000. Lode mines produced 79 percent of the gold and placers 21 percent thus reversing a condition of many years standing, before 1943, in which placers had been the principal source of gold. All of Oregon's lode gold was recovered from dry and siliceous ore and old tailings most of which was valued principally for gold. Metallurgical data show that 65 percent of Oregon lode gold was recovered by direct smelting of ore, 20 percent as bullion by cyanidation of ore and old tailings, 12 percent as bullion by amalgamation of ore, and 3 percent by smelting of flotation concentrates. Placer mining in Oregon in 1944 was confined to small-scale hand methods which accounted for 42 percent of the placer gold and hydraulicking 34 percent; terminal clean-ups at inactive nonfloating washing plants supplied 24 percent.

Oregon ores, gravels and re-treated tailings in 1944 yielded 20,243 fine ounces of silver, valued at $14,395, compared with 10,523 ounces, valued at $7,483 in 1943; the increase was 92 percent in both quantity and value but silver output remained at less than a tenth of the 1940–41 level. Jefferson County supplied over 80 percent of the State total, dry gold-silver ore was the principal source, and smelting of ore the principal method of recovery. The Oregon King mine, Ashwood district, Jefferson County was the principal source of silver in the State in 1944 as in 1943 and 1942.

SOUTH DAKOTA

South Dakota gold production in 1944 fell below that in any year since 1875—the year gold was discovered in the gravels of French Creek near the present site of Custer, according to Richard H. Mote, of the United States Department of the Interior, Bureau of Mines. Silver production was the lowest since 1876. In 1944 the State yielded (in terms of recovered metals) 11,621 fine ounces of gold, valued at $406,735, and 5,445 fine ounces of silver, valued at $3,872. Most of the gold produced during 1944 came from a thorough clean-up of equipment in connection with regular maintenance at the Homestake mill.

Compared with 1943, the output of gold decreased 89 percent and the production of silver decreased 85 percent in both quantity and value. No placer gold was produced in 1944.

Operations at the Homestake mine, owned and operated by the Homestake Mining Co. since 1877, consisted only of maintaining mine and mill property in adequate stand-by condition. This was the first full year since production began on July 12, 1878, in which no ore was mined or milled.

The Belle Eldridge Gold Mines, Inc., operated its group of claims and 50-ton selective-flotation mill in the Whitewood district of Lawrence County during the first half of 1944, and recovered gold and silver as a byproduct of base-metal mining.

The total production of gold and silver, in terms of recovered metals, in South Dakota from 1876 through 1944, has been 20,678,106 fine

ounces of gold, valued at $505,330,919, and 9,574,544 fine ounces of silver valued at $6,810,952.

TEXAS

Texas mines produced (in terms of recovered metal) 5,355 fine ounces of silver, valued at $3,808, in 1944, according to Richard H. Mote, of the United States Department of the Interior, Bureau of Mines. Compared with 1943, the output of silver decreased 48 percent in both quantity and value. No gold was recovered from ores mined in Texas in 1944. The Hazel mine in Culberson County yielded over half the silver produced in Texas in 1944. The total production of gold and silver, in terms of recovered metals, from 1885 through 1944, has been 8,281 fine ounces of gold, valued at $223,780, and 33,202,176 fine ounces of silver, valued at $23,363,836. Most of the silver (30,293,606 ounces) came from the Presidio mine at Shafter, Presidio County. This property ceased operations in September 1942; soon afterward all equipment at the property was dismantled and sold.

UTAH

Utah mines produced gold, silver, copper, lead, and zinc valued, in terms of recoverable metals, at $111,036,247 in 1944, an 11-percent decrease from $124,562,540 in 1943, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. Utah remained the largest gold-producing State and was second in copper production. A smaller output of each of the five metals resulted in the decrease in total value, although the average prices paid for copper, lead, and zinc were higher than in 1943. Declines were general throughout the State with the exception of zinc output from the Tintic district and the gold production in Tooele County. The value of metal output in the Bingham district declined $10,513,226 (10 percent) compared with 1943, the Park City region $1,436,510 (20 percent), and the Tintic district $911,142 (24 percent). The Utah Copper Co. continued to account for a major part of the value of Utah metal production and in 1944 contributed 77 percent of the total.

Utah was again the largest gold-producing State; however, the output was 344,223 fine ounces, a 12-percent decline from 390,470 ounces in 1943. Gold produced in Utah is derived principally from base metal ores; in 1944 copper, zinc-lead, lead, zinc-lead-copper, and zinc ores furnished 94 percent of the total and siliceous ores the remainder. No gold was recovered from placer operations in 1944. Mines in the Bingham district, by far the most important gold-producing area in the United States now active, produced 312,493 ounces of gold, a decrease of 31,058 ounces compared with 1943. The loss in the district can be attributed to a smaller output from each of the major gold-producing mines in the district except the National Tunnel & Mines Co. operation; however, the gain from this operation was small. These losses in gold output resulted from a smaller tonnage of ore from each producing mine, as the gold content of the ore mined in 1944 remained substantially the same as in 1943.

The Park City region was the second most important gold-producing area in the State in 1944 and produced 15,149 ounces compared with 19,559 in 1943. Most of the decrease was due to a decline at the New

Park Mining Co. operations. The tonnage of ore mined was not only smaller than in 1943, but the emphasis was on zinc-lead ore at the expense of high-grade gold ores at the company's disposal. The Tintic district, source of most of the siliceous gold ore in normal times, produced 11,417 ounces in 1944, a decline of 11,053 ounces from 1943. Mines in Tooele County showed a slight increase in gold output. Most of the siliceous ore produced in the State was used as reverberatory and converter flux. Gold production from the Utah Copper Co. was considerably less than in 1943; nevertheless, the company was the leading producer in the State. It was followed by the United States & Lark mines at Bingham, the Mayflower mine at Keetley, the Tintic Bullion mine in the Tintic district, the Boston Consolidated property at Bingham, the Butterfield group of properties in the Bingham district, the National Tunnel & Mines Co. properties in the Bingham district, and the Geyser Marion property in the Camp Floyd district. These eight properties produced 96 percent of the State gold output in 1944.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1944, inclusive, has been 10,184,466 fine ounces.

The output of recoverable silver in Utah in 1944 was 7,593,075 fine ounces compared with 9,479,340 ounces in 1943, a 20-percent decrease. The Bingham district remained the leading silver-producing area in the State and supplied 62 percent of the State output. However, the district production was 14 percent less than in 1943, owing chiefly to much smaller outputs from the Utah Copper Co. and the United States & Lark property. A 29-percent decline was noted in the output from mines in the Park City region, the second leading silver-producing area in the State. Although the Park Utah Consolidated Mining Co. operations showed a net gain in silver production, it was more than offset by substantial losses at the Silver King Coalition Mines Co. and the New Park Mining Co. properties. A decrease of 339,548 ounces at the Tintic Standard mine was the chief reason for the 31-percent decline in silver output from the Tintic district. Zinc-lead, zinc-lead-copper, zinc, and lead ores yielded 53 percent of the State silver, copper ore 34 percent, and siliceous ores the remainder. The Utah Copper Co. was again the leading silver producer in Utah and was followed by the United States & Lark, Park Utah Consolidated, Silver King Coalition, Mayflower, Tintic Standard, Chief No. 1, West Calumet, Harold dump, and Godiva mines. These 10 properties contributed 90 percent of the State total output of silver.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1944, inclusive, has been 708,947,521 fine ounces.

WASHINGTON

Mines in Washington yielded gold, silver, copper, lead, and zinc valued, in terms of recoverable metals, at $7,195,136 in 1944 compared with $7,838,012 in 1943 according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The average prices paid for copper, lead, and zinc were higher than in 1943, which tended to maintain total value of metal output near the 1943 level despite a decline in output of each metal except lead; however, the total value was the lowest since the United States entered the present war. The output of lead exceeded that in

any other year. The decrease in the gold and silver resulted from a decline in production from the two leading gold and silver producers in the State—the Howe Sound Co., operating the Holden property in Chelan County, and Knob Hill Mines, Inc., operating its gold property in Ferry County. The Holden property was again the principal source of copper and although the company treated a larger tonnage of ore in 1944 than in 1943 the gold, silver, copper, lead, and zinc content was less. The decreased production of zinc and the increased production of lead in Washington were the net result of treating a smaller tonnage of zinc-lead ore from the mines in Pend Oreille County having a lower zinc but a higher lead content than in 1943. The Pend Oreille Mines & Metals Co. was the principal zinc producer in the State, and the American Zinc, Lead & Smelting Co. was the largest lead producer.

The output of recoverable gold from lode and placer operations in Washington in 1944 was 47,277 fine ounces, a 28-percent decrease from 1943. Only two mines producing gold in substantial quantities from siliceous ores remained active in 1944; all others were closed. The decrease in output of gold in the State was the result of marked declines in output at its two largest gold producers, namely, the Howe Sound Co. and Knob Hill Mines, Inc. The greater decrease was noted at the Holden property of the Howe Sound Co., where a larger tonnage of ore was mined and treated than in 1943, but of a much lower gold content; most of the ore was mined from ore bodies low in gold content while the new extraction shaft below the main haulage tunnel was being completed. Although the Knob Hill Mines, Inc., treated ore with a slightly higher gold content, the tonnage treated in 1944 was sufficiently smaller than that treated in 1943 to show a net decrease in gold output. Ores of the Holden mine, valued also for their copper and zinc content, continued to be the chief source of gold in the State and in 1944 yielded 55 percent of the State total; it was followed by Knob Hill Mines, Inc., which treated gold throughout the year from its Knob Hill mine by cyanidation and concentration. These two properties, long producing most of the State output of gold, contributed over 94 percent of the total in 1944. Among other gold-producing properties were the Aurum mine in the Republic district of Ferry County and the Blue Ridge property of the Sierra Zinc Co. in the Northport district of Stevens County.

The total output of siliceous ore was 62,063 tons, principally gold ore, compared with 61,220 tons virtually all gold ore in 1943; it was treated as follows: 42,245 tons by combination cyanidation and concentration, 200 tons by straight concentration, and 19,618 tons shipped crude to smelters. Placers yielded 59 ounces of gold.

The total production of gold, in terms of recoverable metals, from 1860 to 1944 inclusive has been 2,069,642 ounces.

The output of recoverable silver in Washington was 321,608 fine ounces in 1944, compared with 370,440 ounces in 1943; all the silver recovered was byproduct of gold or base metals. Losses in output from mines in Benton, Chelan, Ferry, Snohomish, and Whatcom Counties more than offset gains from mines in Okanogan, Pend Oreille, and Stevens Counties. Virtually the entire State output of silver came from mines in Chelan, Ferry, Okanogan, Pend Oreille, and Stevens Counties. Mines in Chelan and Ferry Counties, for years the chief source of silver, yielded 73 percent of the State total

in 1944. Gold ore yielded 40 percent of the total State silver; zinc-copper ore, 32 percent; zinc-lead and zinc ores, 26 percent; and gold-silver, silver, copper, and lead ores and placers, the remainder. The Knob Hill mine of Knob Hill Mines, Inc., in Ferry County was again the largest silver producer in the State; it was followed by the Holden property of the Howe Sound Co. in Chelan County, the Kaaba property of the Kaaba-Texas Mining Co. in Okanogan County, and the Aurum group of properties in Ferry County; these four properties contributed 88 percent of the State total silver. Placers yielded 7 ounces of silver.

The total production of silver in Washington, in terms of recoverable metals, from 1860 to 1944 inclusive has been 12,283,976 ounces.

WYOMING

The output of recovered gold in Wyoming in 1944 was 20 fine ounces, valued at $700, according to Richard H. Mote, of the United States Department of the Interior, Bureau of Mines. The output of silver during the year was 3 fine ounces, value at $2.

The entire 1944 production of gold and silver came from the Midas mine in the Atlantic City district, Fremont County. The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1944 has been 77,934 fine ounces of gold valued at $1,836,018, and 74,635 fine ounces of silver valued at $51,754.

Distribution of gold and silver production of the United States, in fine ounces, for 1944, as to sources of production (table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines: Floating connected bucket dredges	Placer mines: All other	Dry and siliceous ores [1]	Lead ores [2]	Copper ores
Alaska	15,685	26,280	7,331	13,362		
Arizona	111,920		242	192,588	1,095,049	3,106,402
California	42,324	64,925	10,124	79,307	675,218	24,411
Colorado	111,112		342	1,186,126	1,035,418	27,286
Georgia			5			
Idaho	24,872		136	2,354,037	7,573,723	3,854
Illinois					[3] 2,437	
Michigan						54,218
Missouri						
Montana					92,243	
Nevada	43,798	10,774	2,802	618,879	959,068	5,515,208
New Mexico	111,703			244,248	667,121	348,267
New York	6,910		8	62,835	357,179	115,261
North Carolina					25,238	
Oregon	21					1,461
Pennsylvania	1,076		293	20,243		
South Carolina	2,115					[4] 13,545
South Dakota						
Tennessee	11,621			2,668	2,777	
Texas	222					45,907
Utah				4,086		1,269
Vermont	344,223			1,005,886	4,021,338	2,565,851
Virginia	100					18,862
Washington	132				18,031	962
Wyoming	47,218		59	134,372	186,914	322
	20			3		
Total	875,072	101,979	21,343	5,918,640	16,711,754	11,843,146

[1] Contains small quantity of silver from placer mines (12,878 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Includes silver from galena concentrates, a byproduct of fluorspar mining.
[4] From copper concentrates from magnetite-pyrite-chalcopyrite ore.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1943 and 1944, with percentage increase (+) or decrease (−) based on ounces, for the latter year (table compiled by Mint)

State and Territory	Gold refinery production [1]				
	1943		1944		Percentage change 1944 from 1943 [2]
	Ounces	*Value*	*Ounces*	*Value*	*Percent*
Alaska	109,707	$3,839,745	50,848	$1,779,680	−53.7
Arizona	174,164	6,095,740	127,619	4,466,665	−26.7
California	148,877	5,210,695	115,555	4,044,425	−22.4
Colorado	134,254	4,698,890	111,484	3,901,940	−17.0
Georgia	10	350	4	140	
Idaho	29,759	1,041,565	22,326	781,410	−25.0
Montana	61,359	2,147,565	49,127	1,719,445	−19.9
Nevada	140,853	4,929,855	115,561	4,044,635	−18.0
New Mexico	11,161	390,635	11,535	403,725	+3.4
North Carolina	137	4,795	21	735	−84.7
Oregon	2,406	84,210	1,290	45,150	−46.4
Pennsylvania	2,222	77,770	2,117	74,095	−4.7
South Carolina	162	5,670			
South Dakota	113,616	3,976,560	10,875	380,625	−90.4
Tennessee	193	6,755	222	7,770	+15.0
Texas	131	4,585	43	1,505	−67.2
Utah	382,445	13,385,575	353,550	12,374,250	−7.6
Vermont	9	315	101	3,535	
Virginia	24	840	95	3,325	
Washington	69,267	2,424,345	49,846	1,744,610	−28.0
Wyoming	2	70	19	665	
Philippine Islands	13,764	481,740			
Total	1,394,522	48,808,270	1,022,238	35,778,330	−26.7

[1] Valued at $35 per fine ounce.
[2] For States not showing percentage change, figures too small for comparison.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1943 and 1944, with percentage increase (+) or decrease (−) based on ounces, for the latter year (table compiled by Mint)

State and Territory	Silver refinery production [1]				
	1943 (revised)		1944		Percentage change 1944 from 1943 [2]
	Ounces	*Value*	*Ounces*	*Value*	*Percent*
Alaska	45,741	$32,527	15,240	$10,837	−66.7
Arizona	5,623,678	3,999,060	4,674,097	3,323,802	−16.9
California	576,826	410,187	791,519	562,858	+37.2
Colorado	2,670,492	1,899,017	2,136,140	1,519,033	−20.0
Idaho	11,420,154	8,120,998	10,645,179	7,569,905	−6.8
Illinois	395	281	3,002	2,135	+660.0
Michigan	61,726	43,894	53,605	38,119	−13.2
Missouri	Rev. 111,285	79,136	104,361	74,212	−6.2
Montana	8,164,453	5,805,833	6,669,273	4,742,594	−18.3
Nevada	1,824,149	1,297,173	1,408,259	1,001,429	−22.8
New Mexico	456,485	324,612	545,081	387,613	+19.4
New York	Rev. 7,305	5,195	39,029	27,754	+434.3
North Carolina	7,428	5,282	1,461	1,039	−80.3
Oregon	30,990	22,037	18,599	13,226	−40.0
Pennsylvania	14,507	10,316	13,549	9,635	−6.6
South Carolina	139	99			
South Dakota	43,745	31,108	5,312	3,777	−87.9
Tennessee	47,802	33,993	45,907	32,645	−4.0
Texas	60,109	42,744	21,471	15,268	−64.3
Utah	9,295,245	6,609,952	8,104,520	5,763,214	−12.8
Vermont	1,449	1,030	18,914	13,450	+1,205.3
Virginia	9,758	6,939	19,297	13,722	+97.8
Washington	400,189	284,579	317,231	225,586	−20.7
Wyoming			3	2	
Philippine Islands	26,071	18,539			
Total	40,900,121	29,084,531	35,651,049	25,351,855	−12.8

[1] Valued at $0.7111+ per fine ounce, the price established for newly mined domestic silver by act of July 6, 1939.
[2] For States not showing percentage change, figures too small for comparison.

*Total production of gold and silver in the United States since 1792 (including the Philippine Islands received in United States)**

[The estimate for 1792–1873 is by R. W. Raymond, Commissioner of Mining Statistics, and since by Director of the Mint]

Period	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value [2]
1792–1873	61, 208, 448	$1, 265, 287, 000	146, 528, 100	$194, 036, 000
1874–1944	212, 375, 295	5, 030, 675, 100	3, 715, 423, 319	2, 773, 765, 466
Grand total	273, 583, 743	6, 295, 962, 100	3, 861, 951, 419	2, 967, 801, 466

*For data by calendar years, see *Annual Report of the Director of the Mint For the Fiscal Year Ended June 30, 1944*, page 36.

[1] Gold valued at $20.67+ per ounce through 1933 and at $35.00 per ounce thereafter.

[2] Silver since 1933 valued at the following amounts per ounce: 1934—$0.64+; 1935—$0.71875; 1936—$0.7745; 1937—$0.7735; 1938—$0.6464+; 1939—$0.6787; and thereafter at $0.7111+ per ounce.

Mint Issue of Fine Gold Bars for Arts and Industry Calendar Year 1944

The value of fine gold bars issued in exchange for cash by the United States Mints at Philadelphia, San Francisco and Denver, and the Assay Office at New York for use in arts and industry, totaled $41,589,832.68 during the calendar year 1944. Monthly issues were as follows:

Month	Value of bars issued	Month	Value of bars issued
January	$1, 896, 452. 83	August	$3, 029, 877. 65
February	2, 901, 455. 72	September	3, 927, 354. 91
March	2, 597, 217. 74	October	5, 682, 976. 99
April	2, 469, 142. 47	November	5, 596, 248. 64
May	3, 520, 206. 50	December	4, 650, 029. 86
June	3, 670, 509. 21		
July	1, 648, 360. 16	Total	41, 589, 832. 68

Total gold and silver issued for use in industry and the arts in the United States during the calendar years 1943 (revised) and 1944 [1]

Gold	1943	1944
	Value	*Value*
Sales by mints and assay offices	$17, 592, 973	$41, 589, 833
Sales by private refiners and dealers	79, 361, 380	94, 629, 080
Total	96, 864, 353	136, 218, 913
Old jewelry, plate, scrap, etc. returned to private refiners and dealers and to monetary use	10, 521, 000	25, 678, 940
Net new material used in industry	86, 343, 353	110, 539, 973
Silver	**1943 (revised)**	**1944**
	Fine ounces	*Fine ounces*
Bar payment in exchange for bullion at mints and assay offices	382, 849	154, 196
Bar sales under Green Act by mints and assay offices	20, 769, 802	[2] 38, 287, 082
Silver in various forms issued by private refiners and dealers [3]	140, 882, 868	137, 770, 787
United States silver coin (estimated)	77, 344	77, 344
Total	162, 112, 863	176, 289, 409
Old jewelry, plate, scrap, etc. returned to private refiners and dealers and to monetary use	44, 112, 863	56, 189, 409
Net new material used in industry	118, 000, 000	120, 100, 000

[1] For statistics from 1880–1942, see *Annual Report* for 1944, pages 38–39.

[2] Additional silver sold under the Green Act for Philippine coinage.

[3] Excludes any Green Act silver which was reissued or handled on toll or similar basis by private refiners or dealers.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked,"

or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1945

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,360	1,432	486	2,733	377	6,430
Transfers	116	1				117
Inter mint transfers	104		9	5		118
Trust deposits	6					6
Redeposits [1]				20		20
Total deposit transactions	1,586	1,433	505	2,760	377	6,690
Deposit assay determinations:						
Purchases	1,558	15,259	470	4,122	404	22,013
Transfers	103	1				104
Inter mint transfers	1		260	280		309
Trust deposits	24					24
Redeposits [1]				340		340
Total deposit assay determinations	1,706	15,260	689	4,470	404	23,319

[1] Returned from use in war plants.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1944

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,465	1,678	384	2,765	372	6,847
Transfers	136					136
Inter mint transfers	84	1	7	5		97
Trust deposits	8					8
Redeposits [1]				26		26
Total deposit transactions	1,713	1,679	391	2,776	372	7,134
Deposit assay determinations:						
Purchases	1,387	11,994	753	3,708	444	18,574
Transfers	203					203
Inter mint transfers	1	1	240	327		569
Trust deposits	24					24
Redeposits [1]				317		317
Total deposit assay determinations	1,813	11,995	1,021	4,412	444	19,885

[1] Returned from use in war plants.

Deposits and purchases of gold during

Source and description	All institutions
PRIMARY RECEIPTS	
DOMESTIC—Newly mined—Mine source:	*Fine ounces*
Alaska	43,051,279
Alabama	5,340
Arizona	656,570
California	75,706,587
Colorado	41,481,185
Idaho	1,914,349
Montana	13,366,852
Nevada	38,640,392
New Mexico	32,719
Oregon	623,250
South Dakota	827,794
Virginia	15,118
Washington	1,549,650
Total newly mined unrefined	217,871,085
DOMESTIC—Newly mined—Domestic refinery product:	
Refinery bullion (less than 0.995 fine)	1,956,503
Refined bars (0.995 fine and over)	83,774,087
Total domestic refined	85,730,590
DOMESTIC—Other:	
Secondary	97,780,634
Domestic coin:	
Purchased	298,293
Transferred from Treasury and Federal Reserve banks	8,425,716
Total other domestic	106,504,643
Total domestic	410,106,318
IMPORTS:	
Bullion unrefined	
Bullion refined:	559,532,179
From domestic refineries	
Other	12,478,751
Secondary	630,090,889
Foreign coin	90,214
	472,891
Total imports	1,202,664,924
RECOVERIES:	
Grains Receiving Division	
Operative recoveries	115,536
	1,678,803
Total recoveries	1,794,339
Total primary receipts and acquisitions	1,614,565,581
INTERMINT TRANSFERS	
Refined bars	29,585,374,178
Unrefined bars	120,322,283
Proof bullion	50,000
Ingots	58,685,829
Total intermint transfers	29,764,432,289
Grand total fine ounces	31,378,997,870
VALUE	
Purchases at $20.67+ per ounce	*Dollars*
Increment to $35 per ounce	8,240.63
Purchases at $35 per ounce	5,711.84
Domestic coin transferred from Treasury (melted)	56,200,936.30
Intermint transfers	294,900.06
Total value at $35 per ounce	1,041,755,130.12
	1,098,264,918.95

the fiscal year ended June 30, 1945

Philadelphia	San Francisco	Denver	New York	Seattle
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
5,340	142,222	88,601	550,594	42,269,862
	638,201	18,269		
	75,691,699	11,643		3,245
		41,481,185		
	1,712,745	10,740		190,864
		134,022		13,232,830
	30,884,311			7,756,081
	30,763	1,956		
	402,870			220,380
		827,704		
15,118				
				1,549,650
20,458	109,702,911	42,574,210	550,594	65,222,912
	147,323			1,809,180
	1,869,360		79,807,040	2,097,687
	2,016,683		79,807,040	3,906,867
22,350,391	7,544,763	10,622,664	55,393,893	1,868,723
6,032	27,116	21,218	243,685	.242
3,849,995		4,575,721		
26,206,618	7,571,879	15,219,602	55,637,578	1,868,965
26,227,076	119,091,473	57,793,813	135,995,212	70,998,744
88,197	101,462,688		456,465,582	1,515,712
	2,085,691		10,393,000	
			630,090,889	
90,214				
59,736	9,785	5,623	397,747	
238,147	103,558,164	5,623	1,097,347,278	1,515,712
47,161	14,124	10,489	36,842	6,920
87,654	1,072,913	212,474	300,521	5,241
134,815	1,087,037	222,963	337,363	12,161
26,600,038	223,736,674	58,022,399	1,233,679,853	72,526,617
			29,585,374,178	
			22,312,484	
		98,009,799		
		50,000		
58,685,829				
58,685,829		98,059,799	29,607,685,662	
85,285,866	223,736,674	156,082,198	30,841,366,515	72,526,617
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1,083,58	894,70	612,99	5,395,47	253,89
751,09	620,17	424,86	3,739,74	175,98
794,417,12	7,829,268,73	1,869,595,87	43,169,653,52	2,538,001,06
134,749,82		160,150,24		
2,054,003,98		3,432,092,96	1,036,269,033,18	
2,985,005,59	7,830,783,60	5,462,876,92	1,079,447,821,91	2,538,430,93

Deposits and purchases of silver during

Source and description	All Institutions
PRIMARY RECEIPTS	
DOMESTIC—Newly mined—Mine source:	*Fine ounces*
Alaska	5,372.74
Alabama	.54
Arizona	651.22
California	15,177.47
Colorado	20,623.22
Idaho	916.46
Montana	2,586.74
Nevada	12,439.86
New Mexico	10.01
Oregon	930.33
South Dakota	171.55
Virginia	.43
Washington	7,472.68
Total newly mined unrefined	66,353.25
DOMESTIC—Newly mined—Domestic refinery product	8,370.98
Total newly mined domestic	74,724.23
DOMESTIC—Other:	
Secondary	187,875.29
Domestic coin:	
Purchased	4,053.78
Transferred from Treasury and Federal Reserve banks	1,303,626.92
Unfit silver dollars melted	291,074.82
Total other domestic	1,786,630.81
Total domestic	1,861,355.04
IMPORTS:	
Bullion unrefined	329,309.37
Bullion refined—domestic refinery product	35,024.04
Secondary	7.71
Foreign coin	.35
Total imports	364,341.47
RECOVERIES:	
Grains Receiving Division	96.52
Operative recoveries	65,211.59
Total recoveries	65,308.11
Total primary receipts [1]	2,291,004.62
REDEPOSITS	
By Office of Defense Plants of RFC, etc	14,077,796.80
Total acquisitions	16,368,801.42
INTERMINT TRANSFERS	
Refined bars	3,858,089.08
Unrefined bars	226,035.95
Proof bullion	100.00
Assay coin	2,373.94
Coinage ingots	33,959,347.04
Total intermint transfers	38,045,946.01
DEPOSITED IN TRUST	
From United States stocks by lend-lease	22,837,109.76
Other	20,027,418.42
Total deposited in trust	42,864,528.18
Grand total fine ounces	97,279,275.61
VALUE	
Cost of acquisitions	*Dollars*
Cost of bullion transferred	6,889,234.57
Subsidiary coining value of transferred domestic coin	19,134,965.33
Subsidiary coining value of melted unfit dollars	1,805,427.05
Monetary value (at $1.29+ per fine ounce) of bullion transferred	402,384.38
Monetary value (at $1.29+ per fine ounce) of silver acquired	49,190,718.00
	19,101,866.23

[1] Includes 373,609 ounces of silver received for account of Reconstruction Finance Corporation, Office of Metals Reserve Company.

the fiscal year ended June 30, 1945

Philadelphia	San Francisco	Denver	New York	Seattle
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
	24.26	18.87		5,329.61
0.54				
	648.10	3.12		
	15,173.93	3.17		.37
		20,623.22		
	851.40	1.30		63.76
		13.54		2,573.20
	9,339.85			3,100.01
	9.80	.21		
	54.44			875.89
		171.55		
.43				
				7,472.68
.97	26,101.78	20,834.98		19,415.52
8,370.98				
8,371.95	26,101.78	20,834.98		19,415.52
28,439.13	66,963.25	6,655.41	85,206.30	611.20
			56.08	
2,544.18	910.59	542.93		
974,017.08	134,052.24	195,557.60		
248,366.69	23,550.18	19,157.95		
1,253,367.08	225,476.26	221,913.89	85,262.38	611.20
1,261,739.03	251,578.04	242,748.87	85,262.38	20,026.72
4.52	288,122.15		41,128.00	54.70
			35,024.04	
7.71				
	.35			
12.23	288,122.50		76,152.04	54.70
48.66	29.02	5.94	10.04	2.86
	11,537.87	38,680.19	14,991.22	2.31
48.66	11,566.89	38,686.13	15,001.26	5.17
1,261,799.92	551,267.43	281,435.00	176,415.68	20,086.59
			14,077,796.80	
1,261,799.92	551,267.43	281,435.00	14,254,212.48	20,086.59
			3,858,089.08	
		32,137.89	193,898.06	
	50.00		50.00	
2,373.94				
33,959,347.04				
33,961,720.98	50.00	32,137.89	4,052,037.14	
11,878,538.53	10,958,571.23			
112,525.15	8,728,926.57	11,185,966.70		
11,991,063.68	19,687,497.80	11,185,966.70		20,086.59
47,214,584.58	20,238,815.23	11,499,539.59	18,306,249.62	*Dollars*
Dollars	*Dollars*	*Dollars*	*Dollars*	13,691.72
19,612.56	179,284.00	29,799.08	6,646,847.21	
17,223,399.92	22.54	22,251.70	1,889,290.97	
1,349,771.50	185,315.00	270,340.55		
343,344.30	32,555.97	26,484.11		
43,910,103.86	64.64	41,552.01	5,238,997.49	25,970.54
50,962.29	508,981.01	86,263.53	18,429,688.86	

Deposits and purchases of gold

Source and description	All institutions
PRIMARY RECEIPTS	
DOMESTIC—Newly mined—Mine source:	*Fine ounces*
Alaska	46, 663. 828
Arizona	300. 205
California	72, 806. 833
Colorado	45, 060. 194
Georgia	4. 259
Idaho	2, 761. 020
Montana	11, 894. 152
Nevada	45, 179. 213
New Mexico	91. 531
Oregon	621. 125
South Dakota	10, 608. 461
Virginia	15. 118
Washington	2, 179. 953
Total newly mined unrefined	238, 278. 872
DOMESTIC—Newly mined—Domestic refinery product:	
Refinery bullion (less than 0.995 fine)	3, 246. 254
Refined bars (0.995 fine and over)	103, 739. 350
Total domestic refined	106, 983. 604
Total newly mined domestic	345, 264. 476
DOMESTIC—Other:	
Secondary	96, 113. 302
Domestic coin:	
Purchased	321. 116
Transferred from Treasury and Federal Reserve banks	36, 402. 872
Total other domestic	132, 837. 320
Total domestic	478, 101. 796
IMPORTS:	
Bullion unrefined	519, 269. 440
Bullion refined:	
From domestic refineries	31, 861. 890
Other	800, 503. 098
Secondary	90. 276
Foreign coin	684. 941
Domestic coin	. 724
Total imports	1, 352, 410. 329
RECOVERIES:	
Grains Receiving Division	72. 177
Operative recoveries	1, 416. 263
Total recoveries	1, 488. 440
Total primary receipts	1, 832, 000. 565
REDEPOSITS	
From Treasury and Federal Reserve banks	31, 090. 759
Total acquisitions	1, 863, 091. 324
INTERMINT TRANSFERS	
Refined bars	59, 239, 073. 901
Unrefined bars	122, 151. 097
Proof bullion	50. 000
Total intermint transfers	59, 361, 274. 998
Grand total fine ounces	61, 224, 366. 322
VALUE	
Purchases at $20.67+ per ounce	*Dollars* 9, 448. 82
Increment to $35 per ounce	6, 549. 17
Purchases at $35 per ounce	63, 918, 097. 82
Domestic coin transferred from Treasury (melted)	1, 274, 100. 57
Intermint transfers	2, 077, 644, 624. 95
Total value at $35 per ounce	2, 142, 852, 817. 79

during the calendar year 1944

Philadelphia	San Francisco	Denver	New York	Seattle
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
	26.73	18.87		6,666.47
	1,321.59	4.43		
	15,717.64	3.17		.37
		25,202.85		
0.16				
	1,308.13	1.30		67.30
		292.62		1,711.03
				2,907.30
	25,688.93			
	20.89	2.99		878.79
	50.23	1.40		
		2,496.69		
.43				10,848.26
	1.69			
.59	44,135.83	28,024.32		23,079.52
10,327.44				1.82
10,328.03	44,135.83	28,024.32		23,081.34
12,885.72	46,131.41	8,668.10	87,695.94	569.46
2,412.11	625.30	690.31	55.74	
872,392.86	89,332.85	154,580.72		
251,456.86		890,145.75	1,234,868.06	
1,139,147.55	136,089.56	1,054,084.88	1,322,619.74	569.46
1,149,475.58	180,225.39	1,082,109.20	1,322,619.74	23,650.80
	173,838.37		43,709.26	54.70
			75,160.36	
7.71		.02		
	.35		2.45	
7.71	173,838.72	.02	118,872.07	54.70
45.43	11.73	6.95	5.68	3.17
	75,482.79	38,680.19	14,653.90	2.31
45.43	75,494.52	38,687.14	14,659.58	5.48
1,149,528.72	429,558.63	1,120,796.36	1,456,151.39	23,710.98
			22,408,172.36	
1,149,528.72	429,558.63	1,120,796.36	23,864,323.75	23,710.98
			3,858,089.08	
		28,138.56	267,108.03	
	50.00	100.00	50.00	
2,911.51				
26,750,797.49				
26,753,709.00	50.00	28,238.56	4,125,247.11	
60,326,181.63	6,727,637.43			
112,525.15	4,653,819.96	7,282,143.16		
60,438,706.78	11,381,457.39	7,282,143.16		
88,341,944.50	11,811,066.02	8,431,178.08	27,989,570.86	23,710.98
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
14,098.34	167,744.72	35,863.01	10,553,670.50	16,276.69
18,118,208.98	22.54	19,631.97	1,923,455.62	
1,210,028.48	123,494.50	213,693.77		
347,616.18		1,230,545.35	1,707,092.52	
34,590,654.04	64.64	36,510.46	5,333,652.81	
33,201.13	439,887.87	98,352.98	29,258,286.15	30,656.62

Deposits of gold and silver at United States mints and assay offices since 1873 [1]

[On fiscal-year basis]

Character of material deposited	Gold [2]			Silver		
	1873–1944	1945	Total	1873–1944	1945	Total
	Value	*Value*	*Value*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Domestic bullion [3]	$7,279,572,448	$10,626,059	$7,290,198,507	1,597,022,186	74,724	1,597,096,910
Domestic coin [4]	2,873,172,815	305,340	2,873,478,155	189,146,346	1,598,756	190,745,102
Foreign bullion [5]	17,638,971,543	42,073,564	17,681,045,107	2,168,687,901	364,333	2,169,052,234
Foreign coin	2,685,049,953	16,551	2,685,066,504	83,801,119		83,801,119
Surplus bullion, grains, jewelers' bars, old plate, etc.	554,558,143	3,488,281	558,046,424	51,647,130	14,330,988	65,978,118
Total	31,031,324,902	56,509,795	31,087,834,697	4,090,304,682	16,368,801	4,106,673,483

[1] For deposits by separate fiscal years 1873–1944, see Annual Report for 1944, page 52.

[2] Gold on quantity basis with value calculated at $20.67+ per fine ounce until 1934 and at $35 thereafter.

[3] Includes gold and silver domestic refinery product from foreign ores, etc., prior to fiscal year 1940. Also silver for 1934–36 includes refined bars (of whatever production source) received under Executive Proclamation of Aug. 9, 1934 (nationalized silver).

[4] Includes unfit silver dollars melted under authority of act of Dec. 18, 1942, beginning April 1943.

[5] Silver: Foreign bullion 1934–42 includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.

Coinage production, by mints, by number of pieces and weight, during the calendar year 1944 [1]

Denomination	Philadelphia			San Francisco			Denver			All mints		
	Number of pieces	Gross weight in—		Number of pieces	Gross weight in—		Number of pieces	Gross weight in—		Number of pieces	Gross weight in—	
		Pounds	Tons		Pounds	Tons		Pounds	Tons		Pounds	Tons
Domestic coinage:												
Half dollars	28,206,000	777,295	388.6	8,904,000	245,374	122.7	9,769,000	269,212	134.6	46,879,000	1,291,881	645.9
Quarter dollars	104,956,000	1,446,177	723.1	12,560,000	173,063	86.5	14,600,800	201,183	100.6	132,116,800	1,820,423	910.2
Dimes	231,410,000	1,275,429	637.7	49,490,000	272,767	136.4	62,224,000	342,951	171.5	343,124,000	1,891,147	945.6
5-cent pieces	119,150,000	1,313,373	656.7	21,640,000	238,535	119.2	32,309,000	356,138	178.1	173,099,000	1,908,046	954.0
1-cent pieces	1,435,400,000	9,842,743	4,921.4	282,760,000	1,938,925	969.4	430,578,000	2,952,535	1,476.3	2,148,738,000	14,734,203	7,367.1
All denominations	1,919,122,000	14,655,017	7,327.5	375,354,000	2,868,664	1,434.2	549,480,800	4,122,019	2,061.1	2,843,956,800	21,645,700	10,822.8
Foreign coinage	467,193,000	5,899,274	2,949.6	218,417,000	2,016,191	1,008.1	102,888,000	653,297	326.7	788,498,000	8,568,762	4,284.4
Total domestic and foreign coinage	2,386,315,000	20,554,291	10,277.1	593,771,000	4,884,855	2,442.3	652,368,800	4,775,316	2,387.8	3,632,454,800	30,214,462	[2] 15,107.2

[1] See p. 87 for face amount of coinage calendar year 1944.
[2] 42.0 tons daily average.

Coinage by the United States for Other Countries

The coinage for other countries for the calendar year 1944 totaled 788,498,000 pieces as compared with 186,682,000 pieces during the prior calendar year as follows:

Country	Composition	Philadelphia	San Francisco	Denver	Total
Australia:					
Florins	925 silver-75 copper		11,000,000		11,000,000
Shillings	do		8,000,000		8,000,000
Sixpence	do		4,000,000		4,000,000
Threepence	do		32,000,000		32,000,000
Belgium: 2 francs	Zinc-coated steel	25,000,000			25,000,000
Cuba:					
5 centavos	70 copper-30 zinc	4,000,000			4,000,000
1 centavo	do	18,000,000			18,000,000
Denmark: 5 kroner	do	100,000			100,000
Dominican Republic: 1 centavo.	95 copper-5 zinc	5,000,000			5,000,000
Ecuador:					
20 centavos	80 copper-20 zinc			15,000,000	15,000,000
5 centavos	do			3,000,000	3,000,000
Ethiopia:					
50 cents	800 silver-200 copper	763,000			763,000
5 cents	95 copper-5 zinc	3,162,000			3,162,000
1 cent	do	3,000,000			3,000,000
France: 2 francs	70 copper-30 zinc	50,000,000			50,000,000
Guatemala:					
25 centavos	720 silver-280 copper	750,000			750,000
2 centavos	70 copper-30 zinc		1,100,000		1,100,000
1 centavo	do		2,050,000		2,050,000
Netherlands:					
Holland:					
1 guilder	720 silver-280 copper	105,125,000			105,125,000
25 cents	640 silver-360 copper	40,000,000			40,000,000
10 cents	do	120,000,000	64,040,000	17,000,000	201,040,000
Curacao:					
2½ guilders	720 silver-280 copper			200,000	200,000
1 guilder	do			500,000	500,000
25 cents	640 silver-360 copper			1,500,000	1,500,000
10 cents	do			1,500,000	1,500,000
5 cents	12 percent nickel-silver	1,500,000			1,500,000
2½ cents	95 copper-5 zinc			1,000,000	1,000,000
1 cent	do			3,000,000	3,000,000
Surinam: 5 cents	12 and 18 percent nickel-silver.	6,595,000			6,595,000
Nicaragua:					
25 centavos	70 copper-30 zinc	1,000,000			1,000,000
10 centavos	do	2,000,000			2,000,000
5 centavos	do	2,000,000			2,000,000
1 centavo	do	1,000,000			1,000,000
Peru:					
1 sol	do	10,000,000			10,000,000
½ sol	do	4,000,000			4,000,000
20 centavos	do	1,000,000			1,000,000
10 centavos	do	4,000,000			4,000,000
5 centavos	do	8,000,000			8,000,000
Philippines:					
50 centavos	750 silver-250 copper		19,187,000		19,187,000
20 centavos	do			28,596,000	28,596,000
10 centavos	do			31,592,000	31,592,000
5 centavos	12 percent nickel-silver	21,198,000	14,040,000		35,238,000
1 centavo	95 copper-5 zinc		58,000,000		58,000,000
Salvador: 5 centavos	12 percent nickel-silver		5,000,000		5,000,000
Saudi-Arabia: 1 riyal	916⅔ silver-83⅓ copper	30,000,000			30,000,000
Total coinage		467,193,000	218,417,000	102,888,000	788,498,000
Prior calendar year, total coinage		80,250,000	60,432,000	46,000,000	186,682,000

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1945

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$96,820.00	$5,520.00	$102,340.00
Eagles	41,380.00	310.00	41,690.00
Half eagles	31,245.00	170.00	31,415.00
$3 pieces	30.00	3.00	33.00
Quarter eagles	5,232.50	160.00	5,392.50
$1 pieces	62.00	27.00	89.00
Total gold, face amount	174,769.50	6,190.00	180,959.50
Total value gold at $20.67+ per ounce			180,341.27
Silver:			
Trade dollars		6.00	6.00
Standard dollars	[1] 393,881.00	436.00	394,317.00
Half dollars	723,149.50	2,941.50	726,091.00
Quarter dollars	836,333.00	3,227.50	839,560.50
20-cent pieces	.80		.80
Dimes	400,248.70	3,015.80	403,264.50
Half dimes	37.90	.55	38.45
3-cent pieces	9.12	.06	9.18
Total silver, face amount	2,353,660.02	9,627.41	2,363,287.43
Nickel:			
5-cent pieces	122,590.21		122,590.21
3-cent pieces	11.37		11.37
1-cent pieces	4.07		4.07
Total nickel, face amount	122,605.65		122,605.65
Copper:			
1-cent pieces	5.73		5.73
½-cent pieces	.02		.02
Total copper, face amount	5.75		5.75
Bronze and copper-zinc:			
2-cent pieces (bronze)	8.96		8.96
1-cent pieces	65,207.00		65,207.00
Total bronze and copper zinc, (face amount)	65,215.96		65,215.96
Copper-silver-manganese: 5-cent pieces	6,481.30		6,481.30
Zinc-coated steel: 1-cent pieces		6,902.81	6,902.81
Total minor, face amount	194,308.66	6,902.81	201,211.47
Grand total, face amount	2,722,738.18	22,720.22	2,745,458.40

SUMMARY

	Weights
Metal obtained from melting the above:	
Gold (fine ounces)	8,724.009
Silver:	
Unfit silver dollars from Treasury stock (do)	291,074.82
All other silver coin (do)	1,307,680.70
Nickel (gross ounces)	378,154.22
Bronze and copper (do)	639,392.16
Copper-silver-manganese alloy (do)	20,557.06
	Value
Monetary value of metal obtained:	
Gold (at $35 per fine ounce)	$305,340.31
Silver:	
Unfit silver dollars from Treasury stock	[1] 402,384.41
All other silver coin	1,807,749.37
Nickel (not recoined in 1945)	122,105.65
Bronze and copper	65,959.41
Copper-silver-manganese alloy	6,481.30
Gain by recoinage (net): unfit silver dollars	[1] 8,503.40
Loss by recoinage:	257,597.00
Silver, except unfit silver dollars above	1,160.50
Bronze and copper	73.12
Copper-silver-manganese	

[1] Unfit silver dollars melted (act of Dec. 18, 1942) during fiscal year 1945 with face value of $393,881. Loss due to abrasion and melting amounted to $17,541.85; gain due to recoinage of resulting metal into subsidiary coin at $1.38+ per fine ounce amounted to $26,045.25, making a net gain by recoinage of $8,503.40.

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1944

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$391,580.00	$5,680.00	$397,260.00
Eagles	182,960.00	490.00	183,450.00
Half eagles	147,395.00	160.00	147,555.00
$3 pieces	204.00		204.00
Quarter eagles	32,282.50	322.50	32,605.00
$1 pieces	382.00	19.00	401.00
Total gold, face amount	754,803.50	6,671.50	761,475.00
Total value at $20.67+ per ounce			759,167.17
Silver:			
Trade dollars		7.00	7.00
Standard dollars	[1] 3,167,898.00	467.00	3,168,365.00
Half dollars	641,240.50	3,744.50	644,985.00
Quarter dollars	649,155.25	3,265.25	652,420.50
20-cent pieces	.60		.60
Dimes	391,322.00	2,543.45	393,865.45
Half dimes	29.55	.55	30.10
3-cent pieces	2.79	.06	2.85
Total silver, face amount	4,849,648.69	10,027.81	4,859,676.50
Nickel:			
5-cent pieces	246,881.55	7.15	246,888.70
3-cent pieces	66.63		66.63
1-cent pieces	59.27		59.27
Total nickel, face amount	247,007.45	7.15	247,014.60
Copper:			
1-cent pieces	56.99		56.99
½-cent pieces	.32		.32
Total copper, face amount	57.31		57.31
Bronze and copper-zinc:			
2-cent pieces (bronze)	49.48		49.48
1-cent pieces	93,839.70	19.43	93,859.13
Total bronze and copper-zinc, face amount	93,889.18	19.43	93,908.61
Copper-silver-manganese: 5-cent pieces	3,560.75		3,560.75
Zinc-coated steel: 1-cent pieces			
Total minor, face amount	344,514.69	26.58	344,541.27
Grand total, face amount	5,948,966.88	16,725.89	5,965,692.77

SUMMARY

Metal obtained from melting the above:		*Weights*
Gold	fine ounces	36,724.712
Silver:		
Unfit silver dollars from Treasury stock	do	2,376,470.67
All other silver coin	do	1,120,089.89
Nickel	gross ounces	757,921.10
Bronze and copper	do	920,070.73
Copper-silver-manganese alloy	do	11,312.78
Monetary value of metal obtained:		*Value*
Gold (at $35 per fine ounce)		$1,285,364.92
Silver:		
Unfit silver dollars from Treasury stock		[1] 3,285,254.08
All other silver coin		1,548,422.17
Nickel (not recoined in 1944)		247,007.45
Bronze and copper		93,948.77
Copper-silver-manganese alloy		3,560.75
Gain by recoinage (net): Unfit silver dollars		[1] 118,356.07
Loss by recoinage:		
Silver, except silver dollars above		138,558.84
Bronze and copper		1,629.39
Copper-silver-manganese		36.53

[1] Unfit silver dollars melted (act of Dec. 18, 1942) during calendar year 1944 with face value of $3,167,898. Loss due to abrasion and melting amounted to $94,289.47; gain due to recoinage of resulting metal into subsidiary coin at $1.38+ per fine ounce amounted to $212,645.54, making a net gain by recoinage of $118,356.07.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year:	Face amount	Fiscal year—Continued.	Face amount
1883–1929 [1]	$221,149	1939	$629
1930	1,329	1940	366
1931	1,193	1941	407
1932	442	1942	562
1933	513	1943	244
1934	504	1944	682
1935	649	1945	436
1936	638		
1937	339	Total	230,689
1938	607		

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890

Fiscal year	Face amount	Face amount of new coin producible	Loss	Fiscal year	Face amount	Face amount of new coin producible	Loss
1891–1929 [1]	[2]$128,045,738	$121,738,081	$6,307,657	1939	$4,861,773	$4,434,279	$427,494
1930	4,347,695	3,944,682	403,013	1940	4,530,970	4,140,548	390,422
1931	5,487,496	4,997,679	489,817	1941	4,122,939	3,774,669	348,270
1932	7,482,437	6,825,156	657,281	1942	2,767,828	2,532,102	235,726
1933	8,467,446	7,715,023	752,423	1943 [3]	10,619,576	10,588,190	31,386
1934	7,563,736	6,948,272	615,464	1944 [3]	46,363,450	47,393,898	[4]+1,030,448
1935	8,828,214	8,074,032	754,182	1945 [3]	[3] 2,363,287	2,210,134	[5] 249,094
1936	7,200,195	6,587,520	612,675				
1937	6,026,887	5,526,508	500,379	Total	264,594,354	252,469,093	12,221,202
1938	5,514,687	5,038,320	476,367				

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.
[2] Includes silver dollars melted for subsidiary coin under act of Apr. 23, 1918: $1,000,000 in 1919; $10,000,000 in 1920; and $111,168 in 1921.
[3] Includes unfit silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942: $8,080,739 in 1943; $44,658,194 in 1944; $393,881 in 1945.
[4] In 1944, gain on silver dollars, $1,171,538; loss on subsidiary coin, $141,090.
[5] In 1945 gain on silver dollars $8,503; loss on subsidiary coin, $257,597.

Deposits of foreign gold bullion and coin during the fiscal year 1943

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
	Value	*Value*	*Value*	*Value*	
North America:					
Canada	$1,855	$79,808,820	$18,935	$79,829,610	2,280,846
Mexico	2,822,085	258,755	105	3,080,945	88,027
Dominican Republic	126,315			126,315	3,609
British West Indies	105		210	315	9
Total North America	2,950,360	80,067,575	19,250	83,037,185	2,372,491
Central America	1,604,925	1,049,860		2,654,785	75,851
South America:					
Argentina		47,215		47,215	1,349
British Guiana	491,855			491,855	14,053
Chile		689,605		689,605	19,703
Colombia	1,129,380			1,129,380	32,268
Peru	4,127,935	178,080		4,306,015	123,029
Venezuela	3,240,615			3,240,615	92,589
Total South America	8,989,785	914,900		9,904,685	282,991
Europe:					
Austria	35		35	70	2
Belgium	35			35	1
France			175	175	5
Germany	35		70	105	3
Great Britain	103,180	354,340	167,825	625,345	17,867
Holland	392,770	3,632,055	35	4,024,860	114,996
Portugal	350			350	10
Turkey			35	35	1
Union of Socialist Soviet Republics		11,277,070		11,277,070	322,202
Total Europe	496,405	15,263,465	168,175	15,928,045	455,087
Africa:					
French Equatorial Africa	936,180			936,180	26,748
Ethiopia	9,275			9,275	265
Liberia	878,395			878,395	25,097
Palestine			8,225	8,225	235
Union of South Africa		48,265	1,155	49,420	1,412
Total Africa	1,823,850	48,265	9,380	1,881,495	53,757
Oceania:					
Fiji Islands	2,504,775		875	2,505,650	71,590
New Zealand		161,490		161,490	4,614
Total Oceania	2,504,775	161,490	875	2,667,140	76,204
Mixed foreign coin			3,535	3,535	101
Total value	18,370,100	97,505,555	201,215	116,076,870	
Total ounces	524,860	2,785,873	5,749		3,316,482

Deposits of foreign gold bullion and coin at mints and assay offices during the fiscal year 1944

Country	Crude bullion	Refined bullion	Coin [1]	Total monetary value	Total fine ounce
North America:	*Value*	*Value*	*Value*	*Value*	
Canada		$338,864	$29,293	$368,157	10,518.780
Mexico	$2,245,759	143,444	68	2,389,271	68,264.883
Newfoundland			3	3	.096
Total, North America	2,245,759	482,308	29,364	2,757,431	78,783.759
Central America and West Indies:					
Costa Rica	137,189			137,189	3,919.679
Cuba	8,421	2,248		10,669	304.827
Dominican Republic	29,388			29,388	839.666
Guatemala	11,698		2,989	14,687	419.615
Honduras	71,615	151,427		223,042	6,372.637
Nicaragua	220,006	2,163,636		2,383,642	68,104.060
Salvador	753,469	139,808		893,277	25,522.204
Total, Central America and West Indies	1,231,786	2,457,119	2,989	3,691,894	105,482.688
South America:					
Argentina		45,485		45,485	1,299.570
British Guiana	239,191			239,191	6,834.042
Chile		984,590		984,590	28,131.129
Ecuador	99			99	2.821
French Guiana	307,802			307,802	8,794.332
Peru	3,335,285	2,735		3,338,020	95,372.013
Venezuela	2,255,116			2,255,116	64,431.891
Total, South America	6,137,493	1,032,810		7,170,303	204,855.798
Europe:					
Austria			15	15	.438
Great Britain	3,335	50,373	17,510	71,218	2,034.790
France			27	27	.769
Germany			64	64	1.831
Netherlands		17,309,904		17,309,904	494,568.685
Norway	318,353	2,696,746		3,015,099	86,145.688
Portugal			21	21	.593
Turkey		8,108		8,108	231.656
Total, Europe	321,688	20,065,131	17,637	20,404,456	582,984.450
Africa:					
Ethiopia	45,474			45,474	1,299.264
Liberia	435,111			435,111	12,431.756
Total Africa	480,585			480,585	13,731.020
Asia:					
Cyprus		31,930		31,930	912.291
Japan			8	8	.238
Total, Asia		31,930	8	31,938	912.529
Oceania: Fiji Islands	1,059,521			1,059,521	30,272.035
Unallocated			9,190	9,190	262.583
Total value	11,476,832	24,069,298	59,188	35,605,318	
Total fine ounces	327,909.485	687,694.228	1,691.086		1,017,294.862

[1] Foreign Coin: May represent country of issue rather than country from which exported in a few instances.

Deposits of foreign gold bullion and coin during the fiscal year 1945

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:	*Value*	*Value*	*Value*	*Value*	
Canada	$446.64	$5,033,122.01	$7,354.09	$5,040,922.74	144,026.364
Mexico	1,198,085.84	28,653.70	1,122.38	1,227,861.92	35,081.769
Total, North America	1,198,532.48	5,061,775.71	8,476.47	6,268,784.66	179,108.133
Central America and West Indies:					
British West Indies	693.84			693.84	19.824
Costa Rica	86,550.17			86,550.17	2,472.862
Danish West Indies			6.30	6.30	.180
Dominican Republic	24,211.18			24,211.18	691.748
Guatemala	4,372.38			4,372.38	124.925
Honduras	52,684.83			52,684.83	1,505.281
Nicaragua	67,844.67	1,015,143.60		1,082,988.27	30,942.522
Salvador	502,223.82	71,085.25		573,309.07	16,380.259
Total, Central America, and West Indies	738,580.89	1,086,228.85	6.30	1,824,816.04	52,137.601
South America:					
British Guiana	196,952.74			196,952.74	5,627.221
Chile		260,934.41	2.87	260,937.28	7,455.351
French Guiana	307,525.89			307,525.89	8,786.454
Peru	1,752,772.14		3.85	1,752,775.99	50,079.314
Venezuela	2,188,236.33			2,188,236.33	62,521.038
Total, South America	4,445,487.10	260,934.41	6.72	4,706,428.23	134,469.378
Europe:					
Belgium	131,439.70	10,409,453.28		10,540,892.98	301,168.371
France			712.92	712.92	20.369
Denmark	4,871,646.53			4,871,646.53	139,189.901
Germany			144.17	144.17	4.119
Great Britain	77.25	28,509.56	297.53	28,884.34	825.267
Holland		2,173,783.19	5,565.87	2,179,349.06	62,267.116
Spain			4.10	4.10	.117
Switzerland	2,257.22			2,257.22	64.492
Turkey		38,933.76	7.70	38,941.46	1,112.613
Total, Europe	5,005,420.70	12,650,679.79	6,732.29	17,662,832.78	504,652.365
Africa:					
French Equatorial Africa	4,000,896.41			4,000,896.41	114,311.326
French West Africa	619,148.25			619,148.25	17,689.950
Liberia	797,723.92			797,723.92	22,792.112
South Africa		3,427,364.68	8.01	3,427,372.69	97,924.934
Total, Africa	5,417,768.58	3,427,364.68	8.01	8,845,141.27	252,718.322
Asia:					
Cyprus		2,953.96		2,953.96	84.399
Philippines	105.73			105.73	3.021
Total, Asia	105.73	2,953.96		3,059.69	87.420
Oceania:					
Fiji	2,728,285.00			2,728,285.00	77,951.000
New Zealand	52,603.28			52,603.28	1,502.951
Total, Oceania	2,780,888.28			2,780,888.28	79,453.951
Unallocated			1,325.31	1,325.31	37.866
Total, value	19,586,783.76	22,489,937.40	16,555.10	42,093,276.26	
Total, ounces	559,622.393	642,569.640	473.003		1,202,665.036

Deposits of foreign silver bullion and coin during the fiscal year 1943

Country and character of deposit	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
REFINED BULLION		
Canada	49,685	$68,685
Mexico	208,687	288,491
Others	176,448	243,923
CRUDE BULLION		
North America:		
Domonican Republic	583	806
Mexico	18,328	25,337
Central America:		
Costa Rica	7,445	10,292
Guatemala	121	167
Haiti	5	7
Honduras	991	1,370
Nicaragua	2,709	3,745
Salvador	36,254	50,118
Other Central American Countries		
CRUDE BULLION—continued		
South America:		
British Guiana	576	$796
Peru	25,862	35,752
Venezuela	6,325	8,744
Europe:		
Great Britain	1	1
Portugal	2	3
Africa:		
French Equatorial Africa	1,960	2,709
Liberia	613	848
Oceania: Fiji Islands	25,679	35,499
SECONDARY	29	40
MIXED FOREIGN COIN	194	268
Total fine ounces	562,497	
Total subsidiary coining value		777,601

NOTE.—Does not include deposits of silver received for use in coinage for other governments or silver purchasd under the Silver Purchase Act of June 19, 1934.

Deposits of foreign silver bullion at mints and assay offices during the fiscal year 1944

Country making deposit	Bullion,[1] fine ounces	Subsidiary coining value at $1.38+ per fine ounce
North America: Mexico	16,318.11	$22,558
Central America and West Indies:		
Costa Rica	4,132.43	5,713
Dominican Republic	182.60	252
Guatemala	43.53	60
Honduras	423.07	585
Nicaragua	2,354.32	3,255
Salvador	357.19	494
Total, Central America and West Indies	7,493.14	10,359
South America:		
British Guiana	382.11	528
Ecuador	.44	[2]
French Guiana	527.22	729
Peru	26,890.93	37,174
South America—Contd.		
Venezuela	4,461.80	$6,168
Total, South America	32,262.50	44,600
Europe: Great Britain	2.57	4
Africa:		
Ethiopia	56.18	78
Liberia	268.52	371
Total, Africa	324.70	449
Oceania: Fiji Islands	9,629.37	13,312
Unallocated	145,084.88	200,567
Total foreign silver deposits	[1] 211,115.27	291,849

[1] Consists wholly of unrefined bullion except 145,084.88 ounces of refined bullion (unallocated), and approximately 4 ounces of secondary and foreign silver coin. Does not include deposits of silver received for use in coinage for other governments.
[2] Less than $1.

Deposits of foreign silver bullion at mints and assay offices during the fiscal year 1945

Country making deposits	Bullion, fine ounces [1]	Subsidiary coining value at $1.38+ per fine ounce
North America:		
Canada	3.24	$4
Mexico	11,455.97	15,837
Total North America	11,459.21	15,841
Central America and West Indies:		
British West Indies	1.16	2
Costa Rica	1,534.46	2,121
Dominican Republic	151.25	209
Guatemala	10.51	15
Honduras	319.26	441
Nicaragua	888.47	1,228
Salvador	266,860.26	368,910
Total Central America and West Indies	269,765.37	372,926
South America:		
British Guiana	308.23	426
French Guiana	513.85	710
Peru	13,402.20	18,527
Venezuela	3,902.41	5,395
Total South America	18,126.69	25,058
Europe: Great Britain	0.28	$1
Africa:		
French Equatorial Africa	8,899.16	12,302
French West Africa	934.64	1,292
Liberia	317.18	439
Total Africa	10,150.98	14,033
Oceania:		
Fiji Islands	19,762.53	27,320
Philippine Islands	.56	1
New Zealand	51.46	71
Total Oceania	19,814.55	27,392
Unallocated	35,024.39	48,418
Total foreign silver deposits	364,341.47	503,669

[1] Consists wholly of unrefined bullion except 35024.04 ounces of refined bullion (unallocated) and less than 1 ounce of coin. Does not include deposits of foreign silver received for use in coinage for other governments.

Gold and silver imports and exports of the United States during the fiscal year 1945

[Bureau of the Census, Foreign Trade Division]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion		$34,888,687		$14,925,369
Refined bullion	$505,316,284	13,202,616	$127,438,140	6,878,013
United States coin			4,750,605	732,701
Foreign coin	1,738,285	8,321,254	26,071,696	6,633
Total	507,054,569	56,412,557	158,260,441	22,542,716

Gold and silver imports and exports of the United States during the calendar year 1944

[Bureau of the Census, Foreign Trade Division]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion		$37,186,832		$16,567,093
Refined bullion	$959,054,499	63,347,641	$97,218,077	6,093,323
United States coin		9,703	4,589,100	704,080
Foreign coin	173,424	13,292,183	25,108,167	8,541
Total	959,227,923	113,836,359	126,915,344	23,373,037

Gold and silver imports and exports of the United States, calendar years 1940–44 [1]

[Bureau of the Census, Foreign Trade Division]

Calendar year	Gold		Silver	
	Exports	Imports	Exports	Imports
1940	$4,994,899	$4,749,467,203	$3,674,385	$58,433,866
1941	64,280	982,442,027	5,673,361	47,053,413
1942	102,126	315,779,716	1,999,490	41,103,149
1943	32,854,590	101,792,745	30,689,397	27,902,960
1944	959,227,923	113,836,359	126,915,344	23,373,037

[1] For calendar year data 1873–1939, see Annual Report for 1944 pp. 56–57.

Domestic coinage of each mint during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	Total, 1936–45
PHILADELPHIA											
Silver:											
Half dollars	9,151,241	14,205,199	8,766,396	2,305,608	7,420,080	14,663,694	31,753,130	67,023,354	32,918,000	40,878,000	229,084,702
Quarter dollars	31,082,070	37,028,254	22,106,073	12,129,748	33,149,907	59,077,461	75,107,008	140,585,354	79,688,000	95,180,000	585,133,875
Dimes	46,882,015	85,244,939	58,986,050	31,400,021	67,340,543	114,015,402	159,180,424	254,009,254	156,430,000	244,130,000	1,217,618,648
Total silver	[1] 87,115,326	136,478,392	89,858,519	45,835,377	107,910,530	187,756,557	266,040,562	461,617,962	269,036,000	380,188,000	2,031,837,225
Minor:											
5-cent pieces	62,232,614	119,529,570	46,452,005	56,988,400	151,400,300	202,871,278	158,484,400	216,594,600	161,678,000	108,748,100	1,284,979,267
1-cent pieces	199,830,714	320,549,955	320,616,920	83,035,054	356,899,800	803,295,372	1,070,230,100	279,242,800	1,119,423,670	1,577,669,000	6,130,793,385
Total minor	262,063,328	440,079,525	367,068,925	140,023,454	508,300,100	1,006,166,650	1,228,714,500	495,837,400	1,281,101,670	1,686,417,100	[2] 7,415,772,652
Total silver and minor	[1] 349,178,654	576,557,917	456,927,444	185,858,831	616,210,630	1,193,923,207	1,494,755,062	957,455,362	1,550,137,670	2,066,605,100	9,447,609,877
SAN FRANCISCO											
Silver:											
Half dollars	5,306,693	3,442,581	1,540,024	10,116	2,792,000	4,766,000	12,152,000	13,376,000	12,158,000	10,702,000	66,245,414
Quarter dollars	6,044,000	3,356,000	180,000	2,832,000	2,628,000	9,640,000	20,744,000	20,684,000	19,476,000	16,036,001	101,620,001
Dimes	9,780,000	11,550,000	5,690,000	8,090,000	10,540,000	28,290,000	55,930,000	53,160,000	63,530,000	45,370,000	291,930,000
Total silver	21,130,693	18,348,581	7,410,024	10,932,116	15,960,000	42,696,000	88,826,000	87,220,000	95,164,000	72,108,001	459,795,415
Minor:											
5-cent pieces	13,430,000	17,295,000	140,000	4,105,000	12,530,000	48,455,000	28,780,000	89,490,000	61,510,000	17,360,000	293,095,000
1-cent pieces	29,192,000	29,530,000	24,780,000	11,790,000	64,280,000	96,810,000	147,170,000	71,170,000	418,490,000	83,160,000	976,372,000
Total minor	42,622,000	46,825,000	24,920,000	15,895,000	76,810,000	145,265,000	175,950,000	160,660,000	480,000,000	100,520,000	1,269,467,000
Total silver and minor	63,752,693	65,173,581	32,330,024	26,827,116	92,770,000	187,961,000	264,776,000	247,880,000	575,164,000	172,628,001	1,729,262,415
DENVER											
Silver:											
Half dollars	2,139,039	3,012,039	1,693,015	1,304,313	3,465,200	3,752,400	12,856,000	14,446,000	5,607,800	11,742,200	60,018,006
Quarter dollars	7,049,600	5,749,200	3,578,800	1,904,000	5,188,000	9,090,400	21,943,600	19,348,400	12,086,800	15,000,800	100,939,600
Dimes	11,442,000	14,195,000	9,214,000	10,536,000	19,395,000	39,380,000	59,670,000	100,471,000	24,462,000	52,151,000	340,916,000
Total silver	20,630,639	22,956,239	14,485,815	13,744,313	28,048,200	52,222,800	94,469,600	134,265,400	42,156,600	78,894,000	501,873,606

Minor:												
5-cent pieces	12,840,000	28,008,000	15,152,000	5,376,000	11,702,000	63,902,000	38,820,000		30,442,000	29,519,000	235,761,000
1-cent pieces	23,200,000	68,220,000	21,480,000	23,760,000	19,360,000	101,340,000	222,070,000	132,498,000	380,740,000	298,488,000	1,291,156,000
Total minor	36,040,000	96,228,000	36,632,000	29,136,000	31,062,000	165,242,000	260,890,000	132,498,000	411,182,000	328,007,000	1,526,917,000
Total silver and minor	56,670,639	119,184,239	51,117,815	42,880,313	59,110,200	217,464,800	355,359,600	266,763,400	453,338,600	406,901,000	2,028,790,606
ALL MINTS												
Silver:												
Half dollars	16,596,973	20,659,819	11,999,435	3,620,037	13,677,280	23,182,094	56,761,130	94,845,354	50,683,800	63,322,200	355,348,122
Quarter dollars	44,175,670	46,133,454	25,864,873	16,865,748	40,965,907	77,807,861	117,794,608	180,617,754	111,250,800	126,216,801	787,693,476
Dimes	68,104,015	110,989,939	73,890,050	50,026,021	97,275,543	181,685,402	274,780,424	407,640,254	244,422,000	341,651,000	1,850,464,648
Total silver	[1] 128,876,658	177,783,212	111,754,358	70,511,806	151,918,730	282,675,357	449,336,162	683,103,362	406,356,600	531,190,001	2,993,506,246
Minor:												
5-cent pieces	88,502,614	164,832,570	61,744,005	66,469,400	175,632,300	315,228,278	226,084,400	306,084,600	253,630,000	155,627,100	1,813,835,267
1-cent pieces	252,222,714	418,299,955	366,876,920	118,585,054	440,539,800	1,001,445,372	1,439,470,100	482,910,800	1,918,653,670	1,959,317,000	8,398,321,385
Total minor	340,725,328	583,132,525	428,620,925	185,054,454	616,172,100	1,316,673,650	1,665,554,500	788,995,400	2,172,283,670	2,114,944,100	10,212,156,652
Grand total pieces	[1] 469,601,986	760,915,737	540,375,283	255,566,260	768,090,830	1,599,349,007	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	[1] 13,205,662,898

[1] In addition, the Philadelphia Mint coined 1,439,000 silver dollars during the fiscal year 1936, not included above.

Domestic coinage of each mint during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)

Mint and denomination	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	Total 1936–45
PHILADELPHIA											
Silver:											
Half dollars	$4,575,620	$7,102,600	$4,383,198	$1,152,804	$3,710,040	$7,331,847	$15,876,565	$33,511,677	$16,459,000	$20,439,000	$114,542,351
Quarter dollars	7,770,518	9,257,063	5,526,518	3,032,437	8,287,477	14,769,365	18,776,752	35,146,339	19,922,000	23,795,000	146,233,469
Dimes	4,688,202	8,524,494	5,898,605	3,140,002	6,734,054	11,401,340	15,918,042	25,400,925	15,643,000	24,413,000	121,761,864
Total silver	17,034,340	24,884,157	15,808,321	7,325,243	18,731,571	33,502,752	50,571,359	94,058,941	52,024,000	68,647,000	382,587,684
Minor:											
5-cent pieces	3,111,631	5,976,478	2,322,600	2,849,420	7,570,015	10,143,564	7,924,220	10,829,730	8,083,900	5,437,405	64,248,963
1-cent pieces	1,998,307	3,205,500	3,206,170	830,351	3,568,998	8,032,954	10,702,301	2,792,428	11,194,237	15,776,660	61,307,936
Total minor	5,109,938	9,181,978	5,528,770	3,679,771	11,139,013	18,176,518	18,626,521	13,622,158	19,278,137	21,214,065	125,556,899
Total silver and minor	22,144,278	34,066,135	21,337,091	11,005,014	29,870,584	51,679,270	69,197,880	107,681,099	71,302,137	89,861,065	508,144,583
SAN FRANCISCO											
Silver:											
Half dollars	2,653,346	1,721,291	770,012	5,058	1,396,000	2,383,000	6,076,000	6,688,000	6,079,000	5,351,000	33,122,707
Quarter dollars	1,511,000	839,000	45,000	708,000	657,000	2,410,000	5,186,000	5,171,000	4,869,000	4,009,000	25,405,000
Dimes	978,000	1155,000	569,000	809,000	1,054,000	2,829,000	5,593,000	5,316,000	6,353,000	4,537,000	29,193,000
Total silver	5,142,346	3,715,291	1,384,012	1,522,058	3,107,000	7,622,000	16,855,000	17,175,000	17,301,000	13,897,000	87,720,707
Minor:											
5-cent pieces	671,500	864,750	7,000	205,250	626,500	2,422,750	1,439,000	4,474,500	3,075,500	868,000	14,654,750
1-cent pieces	291,920	295,300	247,800	117,900	642,800	968,100	1,471,700	711,700	4,184,900	831,600	9,763,720
Total minor	963,420	1,160,050	254,800	323,150	1,269,300	3,390,850	2,910,700	5,186,200	7,260,400	1,699,600	24,418,470
Total silver and minor	6,105,766	4,875,341	1,638,812	1,845,208	4,376,300	11,012,850	19,765,700	22,361,200	24,561,400	15,596,600	112,139,177
DENVER											
Silver:											
Half dollars	1,069,519	1,506,019	846,507	652,156	1,732,600	1,876,200	6,428,000	7,223,000	2,803,900	5,871,100	30,009,001
Quarter dollars	1,762,400	1,437,300	894,700	476,000	1,297,000	2,272,600	5,485,900	4,837,100	3,021,700	3,750,200	25,234,900
Dimes	1,144,200	1,419,500	921,400	1,053,600	1,939,500	3,938,000	5,967,000	10,047,100	2,446,200	5,215,100	34,091,600
Total silver	3,976,119	4,362,819	2,662,607	2,181,756	4,969,100	8,086,800	17,880,900	22,107,200	8,271,800	14,836,400	89,335,501

Minor:											
5-cent pieces	642,000	1,400,400	757,600	268,800	585,100	3,195,100	1,941,000		1,522,100	1,475,950	11,788,050
1-cent pieces	232,000	682,200	214,800	237,600	193,600	1,013,400	2,220,700	1,324,980	3,807,400	2,984,880	12,911,560
Total minor	874,000	2,082,600	972,400	506,400	778,700	4,208,500	4,161,700	1,324,980	5,329,500	4,460,830	24,699,610
Total silver and minor	4,850,119	6,445,419	3,635,007	2,688,156	5,747,800	12,295,300	22,042,600	23,432,180	13,601,300	19,297,230	114,035,111
ALL MINTS											
Silver:											
Half dollars	8,298,485	10,329,910	5,999,717	1,810,018	6,838,640	11,591,047	28,380,565	47,422,677	25,341,900	31,661,100	177,674,059
Quarter dollars	11,043,918	11,533,363	6,466,218	4,216,437	10,241,477	19,451,965	29,448,652	45,154,439	27,812,700	31,554,200	196,923,369
Dimes	6,810,402	11,098,994	7,389,005	5,002,602	9,727,554	18,168,540	27,478,042	40,764,025	24,442,200	34,165,100	185,046,464
Total silver	[1] 26,152,805	32,962,267	19,854,940	11,029,057	26,807,671	49,211,552	85,307,259	133,341,141	77,596,800	97,380,400	559,643,892
Minor:											
5-cent pieces	4,425,131	8,241,628	3,087,200	3,323,470	8,781,615	15,761,414	11,304,220	15,304,231	12,681,500	7,781,355	90,691,764
1-cent pieces	2,522,227	4,183,000	3,668,769	1,185,851	4,405,398	10,014,454	14,394,701	4,829,108	19,186,537	19,593,170	83,983,215
Total minor	6,947,358	12,424,628	6,755,969	4,509,321	13,187,013	25,775,868	25,698,921	20,133,339	31,868,037	27,374,525	174,674,979
Grand total amount	[1] 33,100,163	45,386,895	26,610,909	15,538,378	39,994,684	74,987,420	111,006,180	153,474,480	109,464,837	124,754,925	734,318,871

[1] In addition, the Philadelphia Mint coined 1,439,000 silver dollars during the fiscal year 1936, not included above.

Silver consumed in domestic coinage during the past 10 fiscal years [1]

Fiscal year	Subsidiary coinage (50-cent, 25-cent and 10-cent)		5-cent coinage [2]		Total silver consumed in domestic coinage
	Face value	*Fine ounces*	*Face value*	*Fine ounces*	*Fine ounces*
1936 [3]	$26,152,805	18,918,285			18,918,285
1937	32,962,267	23,844,080			23,844,080
1938	19,854,940	14,362,567			14,362,567
1939	11,029,057	7,978,144			7,978,144
1940	26,807,671	19,391,999			19,391,999
1941	49,211,552	35,598,406			35,598,406
1942	85,307,259	61,709,138			61,709,138
1943	133,341,141	96,455,648	$15,304,230	17,221,086	113,676,734
1944	77,596,800	56,131,585	12,681,500	14,269,858	70,401,443
1945	97,380,400	70,442,547	7,781,355	8,755,970	79,198,517
Total 1936–45	559,643,892	404,832,399	35,767,085	40,246,914	445,079,313

[1] For data 1873–1935, see Annual Report for 1944, p. 57.
[2] Silver used in 5-cent piece beginning October 1942 under authority Second War Powers Act, approved Mar. 27, 1942. Weight 77.16 grains—56 percent copper, 35 percent silver and 9 percent manganese.
[3] In addition, 1,439,000 standard silver dollars consuming 1,112,976 ounces were minted during fiscal year 1936.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined [1]

GOLD COINAGE [2]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900		
Do	Feb. 12, 1873	516	900	174,105,606	3,482,112,120.00
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900	57,683,485	576,834,850.00
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [3]	Apr. 2, 1792	67.5	916⅔		
Do [3]	June 28, 1834	64.5	899.225		
Do [3]	Jan. 18, 1837	64.5	900	20,216,590	50,541,475.00
Do [3]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900		
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	10,017	25,042.50
3 dollars [4]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	200,226	500,565.00
1 dollar [4]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	539,792	1,619,376.00
1 dollar, commemorative:				19,499,337	19,499,337.00
Louisiana Purchase Exposition	June 28, 1902	25.8	900		
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	250,258	250,258.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	60,069	60,069.00
McKinley memorial	Feb. 23, 1916	25.8	900	25,034	25,034.00
Grant memorial	Feb. 2, 1922	25.8	900	30,040	30,040.00
				10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] For U. S. coinage by calendar years 1793–1943, see Annual Report for 1944, pp. 66–73.
[2] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct.'
[3] Discontinued by act of Apr. 11, 1930.
[4] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1944	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do. [1]	Jan. 18, 1837	412½	900		
Do.	Feb. 28, 1878	412½	900	855,611,127	[2] $855,611,127.00
Do.	July 14, 1890	412½	900		
Do.	Mar. 3, 1891	412½	900		
Do.	Apr. 23, 1918	412½	900	35,965,924	35,965,924.00
Trade dollar [3 4]	Feb. 12, 1873	420	900	50,026	50,026.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900		
Half dollar	Apr. 2, 1792	208	892.4		
Do.	Jan. 18, 1837	206¼	900	789,569,112	394,784,556.00
Do.	Feb. 21, 1853	192	900		
Do.	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	$36,087,285	
Act Nov. 1, 1893, to June 12, 1898	42,139,872	
Act June 13, 1898, war revenue bill	108,800,188	
		187,027,345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5,078,472
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1944	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	$12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103¼	900		
Do	Feb. 21, 1853	96	900	1,440,521,868	360,130,467.00
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	3,199,705,445	319,970,544.50
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do [10]	Jan. 18, 1837	20⅝	900		
Do [10]	Feb. 21, 1853	19.2	900	97,604,388	4,880,219.40
3 cents [10]	Mar. 3, 1851	12¾	750		
Do [10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				6,475,043,515	1,978,898,137.85

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined— Continued *

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1944	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		2,726,456,332	$136,322,816.60
Do	Feb. 12, 1873				
5 cents (silver)	Mar. 27, 1942	77.16		654,418,600	32,720,930.00
3 cents (nickel) [2]	Mar. 3, 1865	30		31,378,316	941,349.48
Do [2]	Feb. 12, 1873			45,601,000	912,020.00
2 cents (bronze) [3]	Apr. 22, 1864	96			
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208		156,288,744	1,562,887.44
Do [4]	Jan. 26, 1796	186			
Do [5]	Jan. 18, 1837	168			
Cent (nickel) [6]	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48		10,534,616,098	105,346,160.98
Do	Feb. 12, 1873			1,093,838,670	10,938,386.70
Cent (zinc-steel)	Dec. 18, 1942	42.5		2,148,738,000	21,487,380.00
Cent (copper-zinc)	Dec. 18, 1942	48			
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104		7,981,822	39,909.11
Do [4]	Jan. 25, 1796	84			
Do [5]	Jan. 18, 1837	84			
Total minor				17,600,089,582	312,279,560.31
Grand total, gold, silver, and minor coinage				24,426,678,455	6,817,396,175.66

[1] *Composition—Percent.*
5 and 3 cent (nickel)—copper, 75; nickel, 25.
5 cent (silver)—copper, 56; silver, 35; manganese, 9. First coined October 1942.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—all copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel with zinc coating each side, 0.0005 inch. Coined during calendar year 1943.
1 cent (zinc-steel)—steel with zinc coating each side, 0.0005 inch. First coined January 1944.
1 cent—copper 70; zinc 30.
[2] 3-cent piece discontinued by act of Sept. 26, 1890.
[3] 2-cent piece discontinued by act of Feb. 12, 1873.
[4] Proclamation of the President in conformity with act of Mar. 3, 1795.
[5] Copper cents and half cents discontinued by act of Feb. 21, 1857.
[6] Nickel cents discontinued by act of Apr. 22, 1864.
*For U. S. coinage by calendar years 1793–1943, see Annual Report for 1944, pp. 66–73.

Coinage by United States mints for foreign governments since enabling legislation of January 29,1874 through December 31, 1944, by year and number of pieces

Year	Number of pieces	Year	Number of pieces
1876–77	12,000,000	1921	55,094,352
1883–84	1,950,000	1922	7,863,030
1895	4,502,000	1923	4,369,000
1896	500,000	1924	12,663,196
1898	3,346,714	1925	13,461,000
1899	906,089	1926	14,987,000
1900	320,000	1927	3,650,000
1901	225,000	1928	16,701,000
1902	21,292,844	1929	34,980,000
1903	70,640,489	1930	3,300,120
1904	36,675,526	1931	4,498,020
1905	13,321,394	1932	9,756,096
1906	45,313,047	1933	15,240,000
1907	29,645,359	1934	24,280,000
1908	11,298,981	1935	109,600,850
1909	7,153,818	1936	32,350,000
1910	7,794,406	1937	26,800,000
1911	6,244,348	1938	48,579,644
1912	7,309,258	1939	15,725,000
1913	17,335,005	1940	33,170,000
1914	55,485,190	1941	208,603,500
1915	37,441,328	1942	307,737,000
1916	25,208,497	1943	186,682,000
1917	60,102,000	1944 [1]	788,498,000
1918	100,269,195	Total	[2] 2,653,869,630
1919	99,002,334		
1920			

[1] See table on p. 52 for details on coinage for foreign governments.
[2] Total includes 66,943,807 planchets.

Income and expenses of the United States Mint Service for the fiscal year ended June 30, 1945

Items	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Fort Knox Bullion Depository	Office of the Director of the Mint	Total
INCOME								
Revenue:								
Melting charges on bullion deposits	$3,061.33	$2,056.35	$1,116.80	$4,005.80	$535.70			$10,775.98
Parting and refining charges on bullion		18,535.22	15,706.90	29,412.47				63,654.59
Handling charges on gold receipts	1,968.31	18,278.64	4,220.68	58,722.38	6,343.95			89,533.96
Handling charges on gold sales	4,374.73	2,012.45	775.08	156,424.68				163,586.94
Bar charges on issue bars	690.90	194.14	252.70	25,300.33				26,438.07
Charges on accepted altered coins	116.80							116.80
Transportation charges on bullion					230.06			230.06
Proceeds from medals sold	3,342.88	34.00						3,376.88
Receipts for special assays made on bullion and ores	349.00		119.00	710.00	117.50			1,295.50
Value of bullion recovered incident to receipt of deposits	1,714.80	890.86	3,519.74	1,293.91	376.89			7,796.20
Value of bullion recovered from refining and coining operations		41,928.70	2,400.63	16,700.65				61,029.98
Gain on lightweight and mutilated coin purchased for recoinage	17.23	9.89	7.85	.22				35.19
Gain on bullion shipments (net)					612.97			612.97
Proceeds from sale of old material	2,575.22	315.20	458.25					3,348.67
Fines and penalties (bullion and coin forfeitures)		5,583.76	88.34	2,518.04				8,190.14
Commission on telephone calls	450.30		100.86					551.16
Seigniorage on subsidiary silver coinage	42,253,173.38	8,369,817.19	5,922,262.96					56,545,253.53
Seigniorage on bronze coinage	14,488,243.36	753,565.79	2,737,321.96					17,979,131.11
Seigniorage on 5-cent piece	2,467,874.39	391,720.86	667,294.88					3,526,890.13
Salary refund for jury duty			9.75	24.00				33.75
Profit on sale of silver bullion	2,905,850.37	5,058,451.67	1,532,518.73	36,589,058.49				46,085,879.26
Reimbursement of compensation (leave)	78.34		7.32					85.66
Total revenue	62,133,881.34	14,663,394.72	10,888,182.43	36,884,170.97	8,217.07			124,577,846.53
Appropriation reimbursements:								
Charges for manufacture of foreign coin	3,041,948.81	1,568,374.42	868,511.18					5,478,834.41
Charges for manufacture of special medals	365,101.91							365,101.91
Charges for work and supplies for other institutions	63,965.12		29.10	66,116.22				130,110.44
Total reimbursements	3,471,015.84	1,568,374.42	868,540.28	66,116.22				5,974,046.76
Total income	65,604,897.18	16,231,769.14	11,756,722.71	36,950,287.19	8,217.07			130,551,893.29

EXPENSES								
Payable from appropriations:								
Transportation of bullion and coin (between mints and assay offices)	10.47	58.67	53.06	61,063.88	500.00			61,686.08
Personnel	5,139,464.01	1,320,764.73	1,118,636.48	499,452.02	18,701.13	86,170.22	147,586.17	8,330,774.76
Operative wastage on monetary metals	128,627.81							128,627.81
Loss on operative sweeps sold	4,787.69	4,833.03	2,108.59					11,729.31
Other expenses, including supplies, materials, equipment and miscellaneous items	2,002,918.32	985,651.47	629,381.35	99,929.36	1,368.73	4,057.33	26,831.45	3,750,138.01
Interinstitution items involving appropriation transfers:								
For others	112,973.39	9,526.14	1,260.84	226,709.43				350,469.80
From others	−235,256.37	−80,162.50	−30,155.52	−3,575.63		−1,319.78		−350,469.80
Total payable from appropriations	7,153,525.32	2,240,671.54	1,721,284.80	883,579.06	20,569.86	88,907.77	174,417.62	12,282,955.97
Payable from revenue:								
Expenses of distributing minor coin	237,227.08	63,886.74	123,673.06					424,786.88
Wastage of operative departments, minor metals	23,137.31	1,348.50	1,583.19					26,069.00
Forwarding cost of domestic silver bullion by Seattle Assay Office for account Denver Mint					231.60			231.60
Total payable from revenue	260,364.39	65,235.24	125,256.25		231.60			451,087.48
Total expenses	7,413,889.71	2,305,906.78	1,846,541.05	883,579.06	20,801.46	88,907.77	174,417.62	12,734,043.45

Appropriations, reimbursements, expenses, and balances of the United States Mint Service fiscal year ended June 30, 1945

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated				[1] $197,800.00
Reimbursed				[2] 42,262.82
Expended	$147,586.17	$26,831.45	[3] $61,686.08	236,103.70
Unexpended balance				3,959.12
FIELD SERVICE				
Appropriated				6,315,000.00
Reimbursed:				
Philadelphia Mint				3,471,015.84
San Francisco Mint				1,568,374.42
Denver Mint				868,540.28
New York Assay Office				23,853.40
Seattle Assay Office				
Fort Knox Depository				
Total available				12,246,783.94
Expended:				
Philadelphia Mint	5,139,464.01	2,014,050.84	(10.47)	7,153,514.85
San Francisco Mint	1,320,764.73	919,848.14	(58.67)	2,240,612.87
Denver Mint	1,118,636.48	602,595.26	(53.06)	1,721,231.74
New York Assay Office	499,452.02	323,063.16	(61,063.88)	822,515.18
Seattle Assay Office	18,701.13	1,368.73	(500.00)	20,069.86
Fort Knox Depository	86,170.72	2,737.05		88,907.77
Total expended	8,183,189.09	3,863,663.18		12,046,852.27
Unexpended balance				199,931.67
TOTAL, ENTIRE SERVICE				
Appropriated				6,512,800.00
Reimbursed				5,974,046.76
Available				12,486,846.76
Expended				12,282,955.97
Unexpended balance				203,890.79

[1] Includes $168,000 Salaries and Expenses, Office of Director of the Mint, $20,300 Transportation of Bullion and Coin, Mints and Assay Offices and $9,500 Printing and Binding.
[2] $42,262.82 reimbursement Transportation of Bullion and Coin, Mints and Assay Offices 1945.
[3] Chargeable as indicated below in parentheses to several offices.

Cash assets and liabilities of the United States Mint Service on June 30, 1945

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	164,644,650	[1] $5,770,957.26	97,665,134.06	$114,713,630.09
San Francisco Mint	10,724,589.992	375,360,649.76	496,581,277.93	635,871,260.21
Denver Mint	162,724,751.853	5,695,366,315.40	35,392,340.23	41,438,836.89
New York Assay Office (including West Point Depository)	17,839,342.622	624,377,004.29	363,998,951.03	312,864,480.23
Seattle Assay Office	8,023.084	280,810.12	2,713.69	1,834.27
Fort Knox Bullion Depository	386,048,309.743	13,511,690,840.61		
Total	577,509,661.944	20,212,846,577.44	993,640,416.94	1,104,890,071.69

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$183,166,396.93	$3,898,201.54	
San Francisco Mint	45,820,815.62	891,116.74	$41,200.00
Denver Mint	31,137,820.80	917,542.16	95,550.00
New York Assay Office (including West Point Depository)	51,782,583.60		8,845,500.00
Seattle Assay Office			
Fort Knox Bullion Depository			
Total [2]	311,907,616.95	5,706,860.44	8,982,250.00

Institution	Minor coinage metals	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$678,652.99	$84,320.11	$292,178.52	$308,604,337.44
San Francisco Mint	113,291.92	14,622.49	61,708.08	1,058,174,694.82
Denver Mint	201,858.83	24,969.00	27,942.46	5,769,210,835.54
New York Assay Office (including West Point Depository)				997,869,568.12
Seattle Assay Office				282,644.39
Fort Knox Bullion Depository				13,511,690,840.61
Total	993,803.74	123,911.60	381,829.06	21,645,832,920.92

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Minor coinage metal fund accounts payable	Total
Philadelphia Mint	$307,539,449.61	$675,000.00	$92,714.78	$297,173.05		$308,604,337.44
San Francisco Mint	1,057,936,155.59	175,000.00	14,622.49	48,916.74		1,058,174,694.82
Denver Mint	5,768,775,847.13	150,000.00	203,104.96	81,883.45		5,769,210,835.54
New York Assay Office (including West Point Depository)	997,869,568.12					997,869,568.12
Seattle Assay Office	282,644.39					282,644.39
Fort Knox Bullion Depository	13,511,690,840.61					13,511,690,840.61
Total	21,644,094,505.45	1,000,000.00	310,442.23	427,973.24		21,645,832,920.92

[1] Includes gold coin held as bullion: Philadelphia, $8,394.67.
[2] Includes unclassified cash: Philadelphia, $3,689.49; San Francisco, $1,915.22; Denver, $618.25; New York $7,583.60.

Cash assets and liabilities of the United States Mint Service on Dec. 31, 1944

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	165, 253. 266	[1] $5, 793, 509. 96	120, 224, 630. 63	$83, 928, 259. 83
San Francisco Mint	10, 622, 738. 303	371, 795, 840. 45	511, 378, 716. 10	642, 776, 398. 41
Denver Mint	162, 664, 754. 864	5, 693, 266, 421. 06	44, 405, 640. 64	54, 023, 273. 40
New York Assay Office (including West Point Depository)	29, 386, 688. 718	1, 028, 534, 108. 68	487, 901, 108. 96	568, 867, 560. 44
Seattle Assay Office	27, 286. 468	955, 028. 98	6, 326. 10	4, 403. 13
Fort Knox Bullion Depository	386, 048, 309. 743	13, 511, 690, 840. 61		
Total	588, 915, 031. 362	20, 612, 035, 749. 74	1, 163, 916, 422. 43	1, 349, 599, 895. 21

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$179, 631, 621. 34	$2, 590, 620. 73	
San Francisco Mint	48, 154, 270. 25	1, 096, 942. 33	$104, 400. 00
Denver Mint	30, 810, 691. 77	945, 247. 46	68, 150. 00
New York Assay Office (including West Point Depository)	52, 125, 873. 22		7, 291, 982. 00
Seattle Assay Office			
Fort Knox Bullion Depository			
Total [2]	310, 722, 456. 58	4, 632, 810. 52	7, 464, 532. 00

Institution	Minor coinage metals	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$605, 431. 53	$80, 532. 97	$300, 660. 04	$272, 930, 636. 40
San Francisco Mint	176, 215. 20	8, 656. 40	8, 036. 35	1, 064, 120, 759. 39
Denver Mint	58, 273. 79	66, 761. 93	92, 349. 37	5, 779, 331, 168. 78
New York Assay Office (including West Point Depository)				1, 656, 819, 524. 34
Seattle Assay Office				959, 432. 11
Fort Knox Bullion Depository				13, 511, 690, 840. 61
Total	839, 920. 52	155, 951. 30	401, 045. 76	22, 285, 852, 361. 63

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Minor coinage metal fund accounts payable	Total
Philadelphia Mint	$271, 812, 952. 08	$675, 000. 00	$138, 567. 02	$271, 846. 00	$32, 271. 30	$272, 930, 636. 40
San Francisco Mint	1, 063, 881, 919. 11	175, 000. 00	8, 656. 40	45, 932. 33	9, 251. 55	1, 064, 120, 759. 39
Denver Mint	5, 778, 987, 002. 84	150, 000. 00	127, 258. 14	66, 284. 64	623. 16	5, 779, 331, 168. 78
New York Assay Office (including West Point Depository)	1, 656, 819, 524. 34					1, 656, 819, 524. 34
Seattle Assay Office	959, 432. 11					959, 432. 11
Fort Knox Bullion Depository	13, 511, 690, 840. 61					13, 511, 690, 840. 61
Total	22, 284, 151, 671. 09	1, 000, 000. 00	274, 481. 56	384, 062. 97	42, 146. 01	22, 285, 852, 361. 63

[1] Includes gold coin held as bullion: Philadelphia, $9,645.80.

[2] Includes unclassified cash: Philadelphia, $4,869.64; San Francisco, $2,841.05; Denver, $560.28; New York, $728.06.

Estimated stock of domestic coin in the United States, end of calendar years 1943 and 1944

Item	Silver	Minor	Total
	Face amount	*Face amount*	*Face amount*
Stock of coin in United States Dec. 31, 1943	$1, 196, 225, 044	$262, 598, 172	$1, 458, 823, 216
Coinage executed calendar year 1944	90, 781, 100	30. 142, 330	120, 923, 430
Net exports of United States coin calendar year 1944	3, 906, 240		3, 906, 240
Coin withdrawn from monetary use calendar year 1944	4, 859, 676	344, 542	5, 204, 218
General disappearance, industrial arts, etc	100, 000		100, 000
Stock of coin in United States Dec. 31, 1944	1, 278, 140, 228	292, 395, 960	1, 570, 536, 188

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,629,915, which added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000 and the number returned in Government transports, 496,859 equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman act of Apr. 23, 1918, total 270,232,722; unfit melted under act of Dec. 18, 1942, total 53,054,857; those melted otherwise (mutilated, etc.) since 1883 numbered 230,548 and the number of Hawaiian dollars melted to date was 455,329; a total disposition of 354,755,598, leaving in the United States on Dec. 31, 494,021,172 standard silver dollars and 784,119,056 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936–45 [1]

Fiscal year ended June 30—	Gold bullion	Silver coin and bullion [2]	Population	Per capita		
				Gold	Silver	Total
	Thousands	*Thousands*	*Thousands*			
1936	$10, 608, 417	$1, 587, 007	128, 413	$82. 61	$12. 36	$94. 97
1937	12, 318, 271	1, 741, 175	129, 337	95. 24	13. 46	108. 70
1938	12, 962, 954	1, 957, 704	130, 085	99. 65	15. 05	114. 70
1939	16, 110, 079	2, 157, 476	131, 173	122. 82	16. 44	139. 26
1940	19, 903, 091	2, 302, 501	132, 130	151. 09	17. 43	168. 52
1941	22, 624, 197	2, 430, 234	133, 212	169. 84	18. 24	188. 08
1942	22, 736, 704	2, 582, 735	134, 474	169. 08	19. 21	188. 29
1943	22, 387, 522	2, 718, 711	136, 527	163. 98	19. 91	183. 89
1944	21, 173, 066	2, 748, 959	138, 001	153. 43	19. 92	173. 35
1945	20, 212, 973	2, 840, 037	139, 408	144. 99	20. 37	165. 36

[1] For data from 1873–1935, see Annual Report for 1944, p. 81.
[2] Includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1. 009	1859	$1. 052	1881	$0. 87575	1903	$0. 41960	1925	$0. 53681
1838	1. 008	1860	1. 045	1882	.87833	1904	.44763	1926	.48284
1839	1. 023	1861	1. 031	1883	.85754	1905	.47200	1927	.43838
1840	1. 023	1862	1. 041	1884	.85004	1906	.52353	1928	.45237
1841	1. 018	1863	1. 040	1885	.82379	1907	.51164	1929	.41229
1842	1. 007	1864	1. 040	1886	.76931	1908	.41371	1930	.29751
1843	1. 003	1865	1. 035	1887	.75755	1909	.40231	1931	.22440
1844	1. 008	1866	1. 036	1888	.72683	1910	.41825	1932	.21814
1845	1. 004	1867	1. 027	1889	.72325	1911	.41709	1933	.27068
1846	1. 005	1868	1. 025	1890	.80927	1912	.47543	1934	.37344
1847	1. 011	1869	1. 024	1891	.76416	1913	.46760	1935	.49950
1848	1. 008	1870	1. 027	1892	.67401	1914	.42780	1936	.35113
1849	1. 013	1871	1. 025	1893	.60351	1915	.40135	1937	.34956
1850	1. 018	1872	1. 022	1894	.49097	1916	.53094	1938	.33673
1851	1. 034	1873	1. 00368	1895	.50587	1917	.69242	1939	.30470
1852	1. 025	1874	.98909	1896	.52257	1918	.76142	1940	.27136
1853	1. 042	1875	.96086	1897	.46745	1919	.86692	1941	.27144
1854	1. 042	1876	.90039	1898	.45640	1920	.78844	1942	.29889
1855	1. 039	1877	.92958	1899	.46525	1921	.48801	1943	.34853
1856	1. 039	1878	.89222	1900	.47958	1922	.52543	1944	.34853
1857	1. 046	1879	.86028	1901	.46093	1923	.50458		
1858	1. 039	1880	.88564	1902	.40835	1924	.51906		

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1910	$0.57625	$0.50750	$0.54245
1875	1.26125	1.21000	1.23883	1911	.57500	.52125	.54062
1876	1.26000	1.03500	1.14950	1912	.65625	.55250	.62006
1877	1.26000	1.16000	1.19408	1913	.65125	.58000	.61241
1878	1.20750	1.08500	1.15429	1914	.60875	.49000	.56331
1879	1.16750	1.06500	1.12088	1915	.58000	.47750	.51062
1880	1.15000	1.11250	1.13931	1916	.79125	.57250	.67151
1881	1.14500	1.11000	1.12823	1917	1.16500	.73125	.84000
1882	1.15000	1.09000	1.13855	1918	1.01937	.88937	.98445
1883	1.11750	1.09500	1.10874	1919	1.38250	1.01375	1.12087
1884	1.13250	1.09000	1.11161	1920	1.37875	.60375	1.01940
1885	1.09500	1.02750	1.06428	1921	.73813	.53188	.63096
1886	1.03500	.92500	.99880	1922	.74188	.62875	.67934
1887	1.03500	.95000	.97899	1923	.69000	.62875	.65239
1888	.97750	.92000	.94300	1924	.72375	.63000	.67111
1889	.97250	.92500	.93634	1925	.73187	.66812	.69406
1890	1.20500	.95750	1.05329	1926	.68937	.51812	.62428
1891	1.07500	.94750	.99033	1927	.60312	.54187	.56680
1892	.95250	.83000	.87552	1928	.63937	.56812	.58488
1893	.85000	.65000	.78219	1929	.57812	.46812	.53306
1894	.70000	.59500	.64043	1930	.47187	.31062	.38466
1895	.69000	.60000	.66208	1931	.37562	.26062	.29013
1896	.70250	.65625	.68195	1932	.31312	.24562	.28204
1897	.66125	.52750	.60774	1933	.45312	.24812	.34997
1898	.62250	.55125	.59064	1934	.56062	.42062	.48283
1899	.64750	.58625	.60507	1935	.81312	.50062	.64582
1900	.65750	.59750	.62065	1936	.50062	.45062	.45399
1901	.64500	.54750	.59703	1937	.47062	.45062	.45195
1902	.56875	.47375	.52815	1938	.45062	.43062	.43537
1903	.62375	.47500	.54208	1939	.42062	.35062	.39395
1904	.62500	.53375	.57843	1940	.35937	.35062	.35085
1905	.66500	.55625	.61008	1941	.35437	.35062	.35095
1906	.72375	.63125	.67379	1942	.45062	.35437	.38645
1907	.71000	.52750	.65078	1943	.45062	.45062	.45062
1908	.58875	.48250	.53496	1944	.45062	.45062	.45062
1909	.54500	.50750	.52163				

Average commercial ratio of silver to gold each calendar year since 1837 [1]

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1837	15.83	1859	15.19	1881	18.25	1903	38.10	1925	29.78
1838	15.85	1860	15.29	1882	18.20	1904	35.79	1926	33.11
1839	15.62	1861	15.50	1883	18.64	1905	33.87	1927	36.47
1840	15.62	1862	15.35	1884	18.61	1906	30.54	1928	35.34
1841	15.70	1863	15.37	1885	19.41	1907	31.24	1929	38.78
1842	15.87	1864	15.37	1886	20.78	1908	38.64	1930	53.74
1843	15.93	1865	15.44	1887	21.10	1909	39.74	1931	71.25
1844	15.85	1866	15.43	1888	22.00	1910	38.22	1932	73.29
1845	15.92	1867	15.57	1889	22.10	1911	38.33	1933	59.06
1846	15.90	1868	15.59	1890	19.75	1912	33.62	1934	72.49
1847	15.80	1869	15.60	1891	20.92	1913	34.19	1935	54.19
1848	15.85	1870	15.57	1892	23.72	1914	37.37	1936	77.09
1849	15.78	1871	15.57	1893	26.49	1915	40.48	1937	77.44
1850	15.70	1872	15.63	1894	32.56	1916	30.78	1938	80.39
1851	15.46	1873	15.93	1895	31.60	1917	24.61	1939	88.84
1852	15.59	1874	16.16	1896	30.59	1918	21.00	1940	99.76
1853	15.33	1875	16.64	1897	34.20	1919	18.44	1941	99.73
1854	15.33	1876	17.75	1898	35.03	1920	20.28	1942	90.57
1855	15.38	1877	17.20	1899	34.36	1921	32.76	1943	77.67
1856	15.38	1878	17.92	1900	33.33	1922	30.43	1944	77.67
1857	15.27	1879	18.39	1901	34.68	1923	31.69		
1858	15.38	1880	18.05	1902	39.15	1924	30.80		

[1] Ratios for 1687–1836 appear in Annual Report for 1944, p. 91.
From 1837 to 1878 the ratios are from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

Price of silver in London and in New York, 1944–45 [1]

Month	London price per ounce—0.925 fine through December 1944—0.999 fine beginning January 1945			Average monthly rate of exchange New York on London	United States equivalent, per fine ounce of London price at current rate of exchange	Average monthly New York price of fine bar silver per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
	Pence	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
1944						
January	23½	23½	23.5000	4.0350	0.42713	0.45062
February	23½	23½	23.5000	4.0350	.42713	.45062
March	23½	23½	23.5000	4.0350	.42713	.45062
April	23½	23½	23.5000	4.0350	.42713	.45062
May	23½	23½	23.5000	4.0350	.42713	.45062
June	23½	23½	23.5000	4.0350	.42713	.45062
July	23½	23½	23.5000	4.0350	.42713	.45062
August	23½	23½	23.5000	4.0350	.42713	.45062
September	23½	23½	23.5000	4.0350	.42713	.45062
October	23½	23½	23.5000	4.0350	.42713	.45062
November	23½	23½	23.5000	4.0350	.42713	.45062
December	23½	23½	23.5000	4.0350	.42713	.45062
1945						
January	25½	25½	25.5000	4.0350	.42872	.45062
February	25½	25½	25.5000	4.0350	.42872	.45062
March	25½	25½	25.5000	4.0350	.42872	.45062
April	25½	25½	25.5000	4.0350	.42872	.45062
May	25½	25½	25.5000	4.0350	.42872	.45062
June	25½	25½	25.5000	4.0350	.42872	.45062
Average—1944	23½	23½	23.5000	4.0350	.42713	.45062
Average—January–June 1945	25½	25½	25.5000	4.0350	.42872	.45062

[1] For annual price of bar silver in London 1833–1943, see Annual Report for 1944, p. 88.

WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

A number of countries are omitted from the tables because of complete lack of information.

In connection with the table "*Monetary stock of principal countries of the world, end of calendar year 1944*"—the following qualifications should be taken in consideration:

Gold stocks—It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies, and those hoarded or held outside regularly reported stocks. Figures for certain countries have been carried forward from last previous official report.

Silver stocks—The amount of silver in circulation in many countries is not obtainable.

Population estimates, not currently obtainable for 1944 due to wartime population shifts, and other reasons, are the latest available, but do not all relate to the same period.

Totals for the various stocks of money are omitted because of incomplete data for some countries, and complete lack of data for others.

MONETARY STOCK OF PRINCIPAL COUNTRIES OF THE WORLD AT END OF CALENDAR YEAR 1944 (SUBJECT TO REVISION)

[Stated in United States money (000 omitted), except paper circulation which is stated in monetary unit of issuing country (000 omitted). Population, 000 omitted. 1 U. S. dollar = 15 5/21 grains of gold 9/10 fine; that is, an ounce of fine gold = $35]

Country	Monetary unit			Gold stock—conversions to United States equivalent at legal parity, except as otherwise indicated in notes			Monetary silver stock in government treasuries, banks, and in circulation—United States equivalent of reported face amount at current exchange rate	Notes in circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent: On gold basis as defined by laws effective Dec. 31, 1944, so far as known	United States equivalent: At average exchange rate during December 1944	In central banks, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
North America:												
United States and possessions	Dollar	$1.0000	$1.0000	$20,618,830	.....	$20,618,830	$3,203,759	24,150,665	138,710	$148.65	$23.10	174.11
Canada	do	1.6931	.9091	[1] 6,485	.....	[1] 6,485	49,975	930,169	11,975	.54	4.17	77.68
Mexico	Peso	.....	.2058	222,000	.....	222,000	140,000	1,358,000	21,153	10.49	6.62	64.20
Newfoundland and Labrador	Dollar	1.6931	.9091	.....	$334	334	2,351	[2]	300	1.11	7.84	.....
Central America and West Indies:												
British Honduras	do	1.6931	1.0000	.....	.....	.....	201	670	58	.....	3.47	11.55
British West Indies:												
Barbados	do	1.7166	.8406	.....	.....	.....	504	2,308	201	.....	2.51	11.48
Jamaica	Pound	8.2397	4.0350	.....	.....	.....	1,137	3,492	1,250	.....	.91	2.79
Trinidad, Tobago et al	Dollar	1.7166	.8406	.....	.....	.....	416	24,335	546	.....	.76	44.57
Costa Rica	Colon	.7879	[3] .1779	[4] 9,968	.....	[4] 9,968	.....	78,237	725	13.75	.....	107.91
Cuba [5]	Peso	1.0000	1.0000	111,240	.....	111,240	92,870	238,816	4,779	23.28	19.43	49.97
Dominican Republic [6]	Dollar	1.6931	1.0000	.....	.....	.....	1,380	[6]	1,826	.....	.76	.....
El Salvador	Colon	.8466	[7] .4000	[4] 13,296	10,000	[4] 23,296	520	42,855	1,863	12.50	.28	23.00
French West Indies:												
Guadeloupe (Dec. 1943)	Franc	.....	.....	[8] 427	.....	81,427	.....	215,793	304	1.40	.....	709.85
Martinique	do	.....	.....	[8] 448	.....	[8] 448	.....	279,648	248	.....	.....	1,127.61
Guatemala (Sept. 1944)	Quetzal	1.6931	1.0000	[9] 28,457	258	[9] 28,715	2,086	21,050	3,411	8.42	.61	6.17
Haiti [10]	Gourde	.2000	.2000	2,030	.....	2,030	.....	24,143	3,000	.68	.....	8.05
Honduras [11]	Lempira	.8466	.4902	109	.....	109	[11] 8,199	2,731	1,154	.09	7.10	2.37
Netherlands West Indies	Florin	.6806	.5249	6,322	.....	6,322	840	30,807	114	55.46	7.37	270.24
Nicaragua	Cordoba	1.6933	.2000	[12] 4,801	.....	[12] 4,801	125	42,650	1,014	4.73	.12	42.06
Panama (Republic of) [13]	Balboa	1.0000	1.0000	.....	.....	.....	.....	.....	632	.....	.....	.....
South America:												
Argentina	Peso	1.6335	.2977	[14] 1,111,083	.....	[14] 1,111,083	.....	2,353,758	14,131	7.86	.....	166.57
Bolivia	Boliviano	.6180	[3] .0236	20,307	.....	20,307	52	1,252,522	3,534	5.75	.01	354.42
Brazil	Cruzeiro	.2025	.0606	[14] 329,999	.....	[14] 329,999	.....	14,436,839	45,300	7.28	.....	319.14
British Guiana	Dollar	1.7166	.8406	.....	.....	.....	1,696	7,002	354	.....	4.79	19.78
Chile	Peso	.2000	[15] .0516	56,154	25,873	82,027	.....	2,597,748	5,229	15.69	.....	496.80
Colombia	do	.5714	.5722	92,445	.....	92,445	9,516	192,803	10,082	9.17	.94	19.12

Ecuador	*Sucre*	*3386*	*.0726*	[17] *21, 380*		[17] *21, 380*	*1, 974*	*312, 995*	*3, 171*	*6. 74*	*.62*		*98. 71*
Paraguay	*Guarani*		*.3205*	[18] *1, 078*		[18] 1, 078		*28, 161*	*1, 015*	*1. 06*			*27. 74*
Peru	*Sol*	*.4740*	[7] *1538*	[9] *31, 703*	*123*	[9] 31, 825	*3, 537*	416, 601	7, 396	4. 30	*.48*		*56. 33*
Surinam	*Florin*	*.6806*	*.5333*	*5, 192*		*5, 192*	*1, 402*	*12, 417*	*187*	*27. 76*	*7. 50*		*66. 40*
Uruguay	*Peso*	*.6583*	[3] *.6583*	*156, 758*		*156, 758*	*11, 961*	*128, 382*	*2, 186*	*71. 71*	*5. 47*		*58. 73*
Venezuela	*Bolivar*	*.3267*	[3] *.2985*	*130, 253*	*12, 042*	*142, 296*	[19] *37, 107*	*227, 686*	*3, 996*	*35. 61*	*9. 28*		*56. 98*
Europe:[20]													
Belgium	Belga	.1695		732, 281		732, 281		38, 834, 463 (francs)	8, 257	88. 69			4, 703. 22
								40, 700, 000	6, 620				6, 148. 04
Bulgaria	Lev	.0122						149, 500, 000					
Croatia	Kuna							41, 587, 000	15, 239	4. 01			2, 728. 98
Czechoslovakia	Koruna			61, 135		61, 135		1, 658, 000	3, 863	11. 39			429. 20
Denmark	Krone	.4537		44, 009		44, 009		34, 385	2, 990	5. 27	3. 42		11. 50
Eire	Pound	8. 2397	4. 0350	15, 720	27	15, 746	10, 221	15, 657, 000	3, 684	1. 09			4, 250. 00
Finland	Markka	.0426		4, 025		4, 025		572, 510, 268	41, 980	42. 32			13, 637. 69
France	Franc			1, 776, 570		1, 776, 570		50, 102, 000	69, 317	.41			739. 05
Germany	Reichsmark	.4033		28, 542		28, 542		1, 127, 000					
	Rentenmark							2, 500, 000, 000	7, 000	4. 00			357, 142. 86
Greece	Drachma	.0220		28, 000		28, 000		10, 672, 000	13, 726	1. 78			777. 50
Hungary	Pengo	.2961		24, 488		24, 488		167, 405	123	21. 16			1, 361. 02
Iceland	Krona	.4537	.1537	2, 603		2, 603		277, 000, 000	44, 533				6, 220. 11
Italy	Lira	.0526						5, 078, 000	8, 923	56. 03			569. 09
Netherlands	Florin	.6806		500, 000		500, 000		7, 504, 000	7, 761	7. 73			966. 89
Portugal	Escudo	.0749		60, 000		60, 000		211, 848, 000	19, 934	18. 50			10, 627. 47
Rumania (June)	Leu	.0101		368, 705		368, 705		17, 729, 246	26, 251	3. 99	2. 12		675. 37
Spain	Peseta			104, 683		104, 683	55, 596	2, 492, 405	6, 371	72. 60			391. 21
Sweden	Krona	.4537	.2381	462, 518		462, 518		3, 548, 000	4, 257	247. 23			833. 45
Switzerland	Franc			1, 052, 453		1, 052, 453		1, 238, 644	47, 735				25. 95
United Kingdom	Pound	8. 2397	4. 0350	975		975							
Bank for International Settlements						37, 000							
Asia:													
British India	Rupee	.6180	.3012	274, 480		274, 480	[21] 44, 204	10, 096, 033	388, 998	.71	.11		25. 95
Iran (Jan. 6, 1945)	Rial	.0824	.0308	134, 072		134, 072	12, 438	6, 499, 324	12, 000	11. 17	1. 04		541. 61
Iraq	Dinar	8. 2397	4. 0350					39, 300	3, 561				11. 04
Japan	Yen	.8440						17, 870, 000	101, 353				176. 31
Palestine and Trans-Jordan	Pound	8. 2397	4. 0350				7, 303	39, 915	2, 060		3. 55		19. 38
Syria and Lebanon	do							340, 300	3, 217				105. 78
Turkey	Piaster	.0744		[22] 221, 583		[22] 221, 583	18, 750	964, 171 (pounds)	17, 812	12. 44	1. 05		54. 13
Africa:													
British East Africa (June 30, 1944)	Shilling	.4120	.2017				23, 825	364, 936	13, 162		1. 81		27. 73
British West Africa	Pound	8, 2397	4. 0350				3, 696	6, 430	26, 486		.14		.24
Egypt and Anglo-Egyptian Sudan	do	8, 3692	4. 1385	112, 208		112, 208	22, 452	124, 442	23, 878	4. 70	.94		5. 21
Portuguese East Africa	Escudo	.0749	.0397	7, 185		7, 185	932	437, 126	5, 081	1. 41	.18		86. 03
Rhodesia (Northern and Southern) and Nyasaland	Pound	8. 2397	4. 0350	11		11	8, 173	4, 163	4, 516		1. 81		.92
Southwest Africa	do	8. 2397	3. 9800				930	843	359		2. 59		2. 35
Union of South Africa, including Bechuanaland and Swaziland	do	8. 2397	3. 9800	812, 127		812, 127	20, 568	52, 962	11, 130	72. 97	1. 85		4. 76
Oceania:													
Australia	do	8. 2397	3. 2280					187, 189	7, 200				26. 00
Fiji Islands	do	8. 2397	3. 6351				996	1, 871	233		4. 27		8. 03
New Zealand	do	8. 2397	3. 2442	23, 087		23, 087	10, 309	36, 451	1, 642	14. 06	6. 28		22. 20

See footnotes on next page.

[1] *Canada.*—Does not include gold held by Foreign Exchange Control Board.
[2] *Newfoundland and Labrador.*—Canadian money also circulates; amount not available.
[3] *Bolivia, Costa Rica, Uruguay, Venezuela.*—Controlled exchange rate.
[4] *Costa Rica, El Salvador.*—Gold conversion at current rate.
[5] *Cuba.*—Cuban and United States money.
[6] *Dominican Republic.*—Silver, Dominican, and United States.; paper, United States; amount not available.
[7] *El Salvador, Peru.*—Free exchange rate.
[8] *Guadaloupe, Martinique.*—Gold valued at $0.02364 per franc.
[9] *Guatemala, Peru.*—Gold valued partly at legal and partly at current rate.
[10] *Haiti.*—United States money also circulates.
[11] *Honduras.*—Lempira circulates as equivalent of half of United States dollar. Silver includes Honduran and United States coin.
[12] *Nicaragua.*—Gold stated in United States dollars at rate of 5 cordobas per dollar.
[13] *Panama.*—United States money principal circulating medium; amount not available.
[14] *Argentina.*—Gold conversion at $0.3293 per peso.
[15] *Brazil.*—Gold valued by Bank of Brazil at $1,128.088 per kilogram fine.
[16] *Chile.*—"Special" exchange rate.
[17] *Ecuador.*—Gold conversion at 13.50 sucres per dollar.
[18] *Paraguay.*—Gold conversion at 3.09 guaranies per dollar.
[19] *Venezuela.*—Silver includes nickel coin.
[20] *Europe.*—Gold conversions at other than legal parity; Belgium—49,318.0822 francs per kilogram (provisionally); Czechoslovakia—$0.0403 per koruna; Finland—$0.0234 per markka; France—$0.02364 per franc; Greece—fine ounces at $35 per ounce; Hungary—$0.2447 per pengö; Netherlands—$0.5363 per florin; Portugal—fine grams at $1.125+ per gram; Rumania—$0.0053 per leu Spain—$0.0913 per peseta; Switzerland—$0.2311 per franc; United Kingdom—168 shillings per fine ounce at current rate; includes only gold coin in Issue Department of Bank of England.
[21] *British India.*—Includes only silver rupee coin in Reserve Bank of India.
[22] *Turkey.*—Gold stated in grams, converted at $1.125+ per gram.

COINAGE OF NATIONS, CALENDAR YEAR 1943 (REVISED)[1]

[So far as reported to Director of the United States Mint]

Country	Monetary unit of issuing country	Silver coinage		
		Value in monetary units named	Value of fine ounces consumed [2]	Number of fine ounces consumed
United States	Dollar	105,772,800	$34,478,468	76,513,399
British Empire:				
Australia	Pound	4,220,000	6,396,346	14,194,546
British Guiana	Dollar	19,200	3,277	7,273
British Honduras	do	2,000	623	1,382
Canada	do	7,059,008	1,908,558	4,235,405
Eire	Pound	86,144	105,867	234,937
Fiji Islands	do	60,000	88,286	195,922
Great Britain	do	6,855,952	5,617,144	12,465,367
Malaya	Dollar	1,252,871	295,714	656,239
New Guinea	Pound	50,356	76,326	169,379
New Zealand	do	425,000	348,206	772,727
Newfoundland	Dollar	28,054	8,770	19,462
Seychelles	Rupee	9,000	1,394	3,094
Southern Rhodesia	Pound	250,000	378,930	840,909
Union of South Africa	do	1,061,037	1,390,908	3,086,655
Ecuador	Sucre	20,000,000	1,043,119	2,314,853
Egypt	Pound	313,570	530,008	1,176,176
El Salvador	Colon	300,000	117,351	260,421
Guatemala	Quetzal	142,500	49,548	109,956
Iraq	Dinar	224,000	292,074	648,161
Mexico	Peso	69,209,000	12,032,208	26,701,451
Netherlands Government:				
Curacao	Guilder	175,000	23,065	51,184
East Indies	do	20,800,000	2,607,798	5,787,134
Surinam	do	900,000	118,220	262,350
Saudi Arabia	Riyal	4,000,000	619,603	1,375,000
Uruguay	Peso	8,348,000	977,820	2,169,943
Total for countries reporting			69,509,631	154,253,325

[1] Gold coinage in 1943 for Iran consisted of 16,053 one pahlavi coins and 89,108 one-half pahlavi coins which consumed approximately 14,268 ounces of gold. These coins are objects of value rather than a circulating medium.

[2] Valued at $0.45062 per fine ounce, the annual average price of silver in New York.

COINAGE OF NATIONS, CALENDAR YEAR 1944 [1] (SUBJECT TO REVISION)

[So far as reported to Director of the United States Mint]

Country	Monetary unit of issuing country	Silver coinage		
		Value in monetary units named	Value of fine ounces consumed [2]	Number of fine ounces consumed
United States	Dollar	90, 781, 100	$29, 591, 665	65, 668, 778
Belgian Congo	Franc	50, 000, 000	125, 174	277, 782
British Empire:				
Australia	Pound	2, 000, 000	3, 031, 444	6, 727, 273
British East Africa	Shilling	6, 939, 800	195, 462	433, 741
British Guiana	Dollar	7, 200	1, 229	2, 727
British Honduras	do	3, 000	935	2, 074
Canada	do	3, 972, 520	1, 074, 058	2, 383, 512
Great Britain	Pound	6, 753, 907	5, 533, 537	12, 279, 831
Malaya	Dollar	747, 129	176, 352	391, 355
Newfoundland	do	29, 472	9, 213	20, 446
New Zealand	Pound	125, 000	102, 414	227, 273
Seychelles	Rupee	9, 000	1, 394	3, 094
Southern Rhodesia	Pound	100, 000	81, 931	181, 818
Union of South Africa	do	123, 012	161, 256	357, 854
Dominican Republic	Dollar	250, 000	81, 494	180, 848
Egypt	Pound	290, 000	490, 508	1, 088, 517
Ethiopia	Dollar	381, 500	62, 175	137, 976
Guatemala	Quetzal	187, 500	65, 195	144, 678
Iran	Rial	78, 825, 000	4, 727, 873	10, 491, 929
Mexico	Peso	67, 425, 000	11, 722, 053	26, 013, 166
Netherlands Government:				
Homeland	Guilder	135, 229, 000	14, 901, 420	33, 068, 705
Curacao	do	1, 105, 000	173, 506	385, 038
Philippine Islands	Peso	18, 471, 900	4, 014, 249	8, 908, 280
Saudi Arabia	Riyal	30, 000, 000	4, 647, 019	10, 312, 500
Uruguay	Peso	8, 222, 000	1, 035, 922	2, 298, 881
Total for countries reporting			82, 007, 478	181, 988, 076

[1] Gold coinage in 1944 for Iran consisted of 310,620 one pahlavi coins and 75,836 one-half pahlavi coins which consumed approximately 82,053 ounces of gold. These coins are objects of value rather than a circulating medium.

[2] Valued at $0.45062 per fine ounce, the annual average price of silver in New York.

COIN (DOMESTIC AND FOREIGN) WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING CALENDAR YEARS 1943 AND 1944

[So far as reported to Director of the United States Mint]

Country	Gold [1]	
	1943	1944
	Value	*Value*
United States	$113,763	$1,309,338
Australia	315	
Peru	5,635	3,360

Country	Silver	
	1943	1944
	Fine ounces	*Fine ounces*
United States	[2] 38,314,100	3,496,563
British Empire:		
Australia	4,517	[3]
British East Africa	165	182
British West Africa	35,545	16,913
Canada	38,435	31,675
Great Britain	314,710	315,480
Jamaica	1,300	790
Newfoundland	1,200	160
Cuba		603
Egypt		214,574
Mexico	501	2,715
Peru	32,151	16,075
Venezuela		127,657
Total for countries reporting	38,742,624	4,223,387

[1] Fine ounces from coin melted, valued at $35 per fine ounce.
[2] Includes unfit silver dollars melted for recoinage of subsidiary coin (Act of Dec. 18, 1942): In 1943, $49,886,959. In 1944, $3,167,898.
[3] Data not available.

INDUSTRIAL CONSUMPTION OF GOLD AND SILVER BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1943 AND 1944 [1]

[So far as reported to Director of the United States Mint]

Country	1943		1944	
	Gold [2]	Silver	Gold [2]	Silver
	Value	*Fine ounces*	*Value*	*Fine ounces*
United States	$96,864,353	162,112,863	$136,218,913	176,289,409
Australia	200,760	44,344	[3]	[3]
Brazil	[3]	[3]	6,751,640	[3]
British Guiana	[3]		232,610	
Canada	2,398,480	4,500,000	4,095,000	4,970,625
Colombia	[3]	[3]	2,063,460	1,029,336
Egypt	9,107,595	978,467	13,465,305	1,172,202
Guatemala	5,635	804	[3]	[3]
Iceland	13,510	19,290	[3]	[3]
Martinique	1,190	10	[3]	[3]
Mexico	1,043,945	5,544,928	[4] 561,085	[4] 6,740,038
Nicaragua	10,150	51	20,378	202
Panama, Republic of	4,515	1,665	16,660	[3]
Paraguay	24,745	[3]	15,750	3,600
Peru	478,240	1,511,085	571,655	1,720,065
Surinam	63,000	[3]	55,125	2,894
Venezuela	450,100	[3]	450,100	[3]
Total for countries reporting	110,666,218	174,713,507	164,526,681	191,928,371

[1] Includes new and old bullion, domestic and foreign coin, and other materials.
[2] Gold valued at $35 per fine ounce.
[3] Data not available.
[4] Represents amount sold by Bank of Mexico

WORLD PRODUCTION OF GOLD AND SILVER

[Partly estimated and subject to revision]

Country	Calendar year 1943				Calendar year 1944			
	Gold		Silver		Gold		Silver	
	Fine ounces	Value $35 per ounce	Fine ounces	Value $0.45062 per ounce	Fine ounces	Value $35 per ounce	Fine ounces	Value $0.45062 per ounce
North America:								
United States (refinery production)	1,380,758	$48,326,530	40,794,568	$18,382,848	1,022,238	$35,778,330	35,651,049	$16,065,076
Canada	3,649,671	127,738,485	17,230,939	7,764,606	2,922,911	102,301,885	13,627,109	6,140,648
Mexico	632,989	22,154,615	86,371,554	38,920,750	508,882	17,810,870	73,502,802	33,121,833
Newfoundland [1]	18,735	655,725	1,258,708	567,199	18,329	641,515	1,163,206	524,164
Central America and West Indies	302,300	10,580,500	3,586,000	1,615,923	267,000	9,345,000	3,716,300	1,674,639
South America:								
Argentina	14,500	507,500	1,100,000	495,682	14,000	490,000	1,000,000	450,620
Bolivia	8,327	291,445	7,299,561	3,289,328	6,265	219,275	6,797,213	3,062,960
Brazil	160,336	5,611,760	30,061	13,546	166,400	5,824,000	28,700	12,933
Chile	269,807	9,443,245	1,093,542	492,772	203,749	7,131,215	996,577	449,078
Colombia	565,500	19,792,500	209,944	94,605	553,530	19,373,550	197,318	88,915
Ecuador [1]	90,691	3,174,185	362,013	163,130	84,234	2,948,190	376,565	169,688
Guiana, British	17,554	614,390			18,986	664,510		
Guiana, French [2]	17,726	620,410			18,440	645,400		
Guiana, Netherlands (Surinam)	5,795	202,825			5,723	200,305		
Peru	196,868	6,890,380	14,659,744	6,605,974	175,180	6,131,300	15,832,440	7,134,414
Venezuela	58,000	2,030,000			58,900	2,061,500		
Europe—Data not available								
Asia: British India [3]	252,353	8,832,355			187,191	6,551,685		
Africa:								
Bechuanaland	12,966	453,810	1,221	550	11,575	405,125	1,319	594
British East Africa	118,000	4,130,000	35,000	15,772	100,900	3,531,500	29,100	13,113
British West Africa	700,000	24,500,000	60,000	27,037	600,000	21,000,000	60,000	27,037
Egypt	890	31,150			1,036	36,260		
Portuguese East Africa: (Mozambique)	6,533	228,655	907	409	7,580	265,300	844	380
Rhodesia, Northern	703	24,605	41	18	309	10,815		
Rhodesia, Southern	656,684	22,983,940	119,322	53,769	592,729	20,745,515	103,776	46,764
Southwest Africa	169	5,915			100	3,500		
Union of South Africa	12,804,379	448,153,265	1,334,042	601,146	12,279,629	429,787,015	1,213,051	546,625
Oceania:								
Australia	751,279	26,294,765	8,593,311	3,872,318	657,570	23,014,950	8,000,000	3,604,960
Fiji Islands	64,420	2,254,700	19,518	8,795	40,443	1,415,505	9,619	4,335
New Zealand	149,150	5,220,250	280,786	126,528	142,287	4,980,045	264,300	119,099

[1] Source: U. S. Bureau of Mines. [2] Exports. [3] Source: London Mining Journal.

DOMESTIC COINAGE OF THE UNITED STATES, BY MINTS, DURING THE CALENDAR YEAR 1944

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total number pieces
SILVER					
Half dollars	$14,103,000	$4,452,000	$4,884,500	$23,439,500	46,879,000
Quarter dollars	26,239,000	3,140,000	3,650,200	33,029,200	132,116,800
Dimes	23,141,000	4,949,000	6,222,400	34,312,400	343,124,000
Total silver	63,483,000	12,541,000	14,757,100	90,781,100	522,119,800
MINOR					
5-cent pieces	5,957,500	1,082,000	1,615,450	8,654,950	173,099,000
1-cent pieces	14,354,000	2,827,600	4,305,780	21,487,380	2,148,738,000
Total minor	20,311,500	3,909,600	5,921,230	30,142,330	2,321,837,000
Total domestic coinage	83,794,500	16,450,600	20,678,330	120,923,430	2,843,956,800

DESCRIPTION

Denomination	Weight	Composition
Half dollar	12.5 grams	0.900 fine.
Quarter dollar	6.25 grams	0.900 fine.
Dime	2.5 grams	0.900 fine.
5-cent piece	77.16 grains	56 percent copper; 35 percent silver; 9 percent manganese.
1-cent piece	48 grains	70 percent copper; 30 percent zinc.

CIRCULATION STATEMENT OF

Kind of money	Total amount	Money held in the Treasury		
		Total	Amount held as security against gold and silver certificates (and Treasury notes of 1890)	Reserve against United States notes (and Treasury notes of 1890)
Gold	[2] $20,618,829,939	$20,618,829,939	$18,497,401,309	$156,039,431
Gold certificates	[4] (18,497,401,309)	[4] (15,629,027,390)		
Standard silver dollars	494,021,172	376,499,791	281,976,867	
Silver bullion	1,520,133,653	1,520,133,653	1,520,133,653	
Silver certificates	[4] (1,800,958,698)			
Treasury notes of 1890	[4] (1,151,822)			
Subsidiary silver	784,119,056	12,519,014		
Minor coin	292,395,960	5,640,842		
United States notes	346,681,016	2,935,387		
Federal Reserve notes	22,507,705,840	136,856,275		
Federal Reserve bank notes	570,144,498	890,884		
National bank notes	123,989,137	209,033		
Total Dec. 31, 1944	47,258,020,271	22,674,514,818	20,299,511,829	156,039,431
Comparative totals:				
Nov. 30, 1944	46,848,743,685	22,712,762,985	20,385,987,277	156,039,431
Dec. 31, 1943	43,543,955,703	23,960,986,353	21,658,409,656	156,039,431
Oct. 31, 1920	8,479,620,824	2,436,864,530	718,674,378	152,979,026
Mar. 31, 1917	5,396,596,677	2,952,020,313	2,681,691,672	152,979,026
June 30, 1914	3,797,825,099	1,845,569,804	1,507,178,879	150,000,000
Jan. 1, 1879	1,007,084,483	212,420,402	21,602,640	100,000,000

*Revised figures.

[1] The money in circulation includes any paper currency held outside the continental limits of the United States.

[3] Does not include gold other than that held by the Treasury.

[3] Includes $1,800,000,000 Exchange Stabilization Fund and $143,941,362 balance of increment resulting from reduction in weight of the gold dollar.

[4] These amounts are not included in the total, since the gold or silver held as security against gold and silver certificates and Treasury notes of 1890 is included under gold, standard silver dollars, and silver bullion, respectively.

[5] This total includes credits with the Treasurer of the United States payable in gold certificates in (1) the Gold Certificate Fund-Board of Governors, Federal Reserve System, in the amount of $15,034,921,121 and (2) the redemption fund for Federal Reserve notes in the amount of $594,106,209.

[6] Includes $115,000,000 lawful money deposited as a reserve for Postal Savings deposits.

[7] The amount of gold and silver certificates and Treasury notes of 1890 should be deducted from this amount before combining with total money held in the Treasury to arrive at the total amount of money in the United States.

UNITED STATES MONEY—DEC. 31, 1944

Money held in the Treasury—Con.		Money outside of the Treasury				Population of continental United States (estimated)
Held for Federal Reserve banks and agents	All other money	Total	Held by Federal Reserve banks and agents	In circulation [1]		
				Amount	Per capita	
	[3] $1,965,389,199					
[4] ($15,629,027,390)		$2,868,373,919	$2,815,444,500	$52,929,419	$0.38	
	94,522,924	117,521,381	1,748,250	115,773,131	.83	
		1,800,958,698	190,080,633	1,610,878,065	11.61	
		1,151,822		1,151,822	.01	
	12,519,014	771,600,042	13,384,921	758,215,121	5.47	
	5,640,842	286,755,118	4,255,615	282,499,503	2.04	
	2,935,387	343,745,629	22,940,778	320,804,851	2.31	
	136,856,275	22,370,849,565	889,201,410	21,481,648,155	154.87	
	890,884	569,253,614	9,115,550	560,138,064	4.04	
	209,033	123,780,104	665,600	123,114,504	.89	
[4] ($15,629,027,390)	[6] 2,218,963,558	[7] 29,253,989,892	3,946,837,257	25,307,152,635	182.45	138,710,000
15,712,627,125	2,170,736,277	28,809,340,852	3,790,267,389	25,019,073,463	180.52	138,594,000
16,950,399,630	2,146,537,266	24,290,979,376	3,841,591,709	20,449,387,607	*148.98	*137,250,000
1,212,360,791	352,850,336	6,761,450,672	1,055,216,060	5,698,214,612	53.21	107,096,000
	117,350,216	5,126,257,436	953,321,522	4,172,945,914	40.23	103,716,000
	188,390,925	3,459,434,174		3,459,434,174	34.93	99,027,000
	90,817,762	816,266,721		816,266,721	16.92	48,231,000

NOTE.—There is maintained in the Treasury—(i) as a reserve for United States notes and Treasury notes of 1890—$156,039,431 in gold bullion; (ii) as security for Treasury notes of 1890—an equal dollar amount in standard silver dollars (these notes are being canceled and retired on receipt); (iii) as security for outstanding silver certificates—silver in bullion and standard silver dollars of a monetary value equal to the face amount of such silver certificates; and (iv) as security for gold certificates—gold bullion of a value at the legal standard equal to the face amount of such gold certificates. Federal Reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal Reserve Bank. Federal Reserve notes are secured by the deposit with Federal Reserve agents of a like amount of gold certificates or of gold certificates and such discounted or purchased paper as is eligible under the terms of the Federal Reserve Act, or, until June 30, 1945, of direct obligations of the United States if so authorized by a majority vote of the Board of Governors of the Federal Reserve System. Federal Reserve banks must maintain a reserve in gold certificates of at least 40 percent, including the redemption fund which must be deposited with the Treasurer of the United States, against Federal Reserve notes in actual circulation. "Gold certificates" as herein used includes credits with the Treasurer of the United States payable in gold certificates. Federal Reserve bank notes and National bank notes are in process of retirement.

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ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1947

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

FOR THE CALENDAR YEAR

1946

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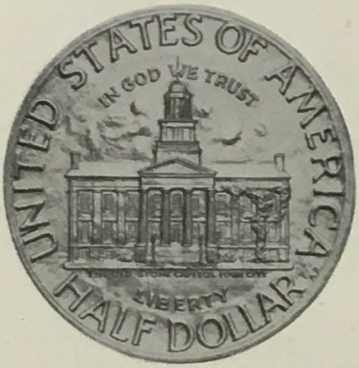
REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1947

COMMEMORATIVE HALF DOLLARS

IOWA CENTENNIAL



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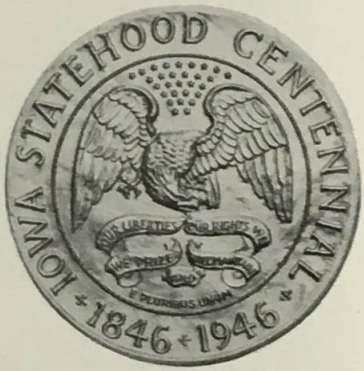

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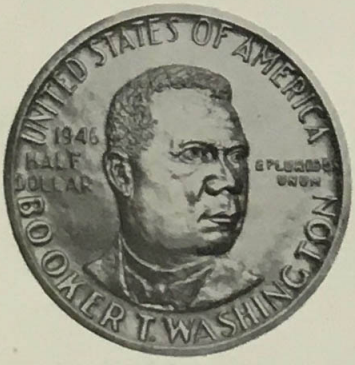
BOOKER T. WASHINGTON



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ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 26, 1947.

SIR: In compliance with the provisions of Section 3547 of the Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1947, being the Seventy-fifth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1946.

OPERATIONS OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

Functions and Institutions of the Mint Service

The principal functions of the Mint Service consist of the manufacture of domestic coins; the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and issued; and the acquisition of gold and silver bullion, payments for which are made on the basis of mint assays. Other major activities include the refining of gold and silver, the manufacture of coins for foreign governments, the issuance of Treasury licenses for the acquisition, ownership, possession, and use of gold for industrial, professional, and artistic purposes, and the production of medals and other decorations.

Seven field institutions were in operation during the fiscal year 1947: Coinage mints at Philadelphia, San Francisco, and Denver; assay offices at New York and Seattle; gold bullion depository at Fort Knox; and silver bullion depository at West Point, which operates as an adjunct of the New York Assay Office. The Office of the Director of the Mint in Washington administers all Mint Service activities. At the close of the fiscal year 1947 there was a total of 1,783 employees in the Mint Service, compared with 2,547 employees a year ago.

Coinage

Coinage production by the three mints during the fiscal year 1947 totaled 2,350,571,022 pieces, of which 2,016,485,295 pieces were United States coin and 334,085,727 were foreign.

United States coinage.—Production of United States coins during the fiscal year 1947 increased 22 percent over the 1946 production of 1,658,127,100 pieces. A table follows:

United States coinage during the fiscal year 1947

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars, regular	$6,183,000.00		$2,563,850.00	$8,746,850.00	17,493,700
Half dollars, commemorative:					
Iowa centennial	50,028.50			50,028.50	100,057
Booker T. Washington	500,273.00	$250,139.50	100,056.50	850,469.00	1,700,938
Quarter dollars	10,013,000.00	1,051,000.00	2,078,100.00	13,142,100.00	52,568,400
Dimes	22,545,000.00	1,607,000.00	5,794,700.00	29,946,700.00	299,467,000
Total silver	39,291,301.50	2,908,139.50	10,536,706.50	52,736,147.50	371,330,095
MINOR					
5-cent pieces	6,113,600.00	1,113,000.00	2,621,910.00	9,848,510.00	196,970,200
1-cent pieces [1]	8,495,000.00	2,323,000.00	3,663,850.00	14,481,850.00	1,448,185,000
Total minor	14,608,600.00	3,436,000.00	6,285,760.00	24,330,360.00	1,645,155,200
Total domestic coinage	53,899,901.50	6,344,139.50	16,822,466.50	77,066,507.50	2,016,485,295

[1] Includes 1,066,780,000 pieces with a composition of 95 percent copper and 5 percent zinc coined July-December 1946, and 381,405,000 pieces with a composition of 95 percent copper and 5 percent zinc and tin coined January-June 1947.

Foreign coinage.—The mints manufactured 334,085,727 coins for other governments during the fiscal year 1947. There were approximately 1,600 tons of metals, including gold, silver, copper, nickel, tin, and zinc, processed into coin for the governments listed below:

Coinage by the United States Mints for other countries during the fiscal year 1947 [1]

Country and denomination	Composition	Gross weight per coin	Number of pieces coined
Colombia:			
5 centavos	25 nickel-75 copper	4 grams	24,777,000
Cuba:			
5 centavos	70 copper-30 zinc	77.16 grains	27,291,000
1 centavo	do	38.58 grains	22,826,000
			50,117,000
Dominican Republic:			
50 centavos	900 silver-100 copper	192.9 grains	200,000
25 centavos	do	96.45 grains	400,000
			600,000
Ecuador:			
1 sucre	Pure nickel	7 grams	4,179,000
20 centavos	25 nickel-75 copper	4 grams	30,000,000
10 centavos	do	3 grams	40,000,000
5 centavos	do	2 grams	40,000,000
			114,179,000
Ethiopia:			
50 cents	700 silver-300 copper	108.5 grains	6,306,363
5 cents	95 copper-4.99 zinc-0.01 tin.	62 grains	12,000,000
			18,306,363
Netherlands East Indies:			
2½ cents	95 copper-5 zinc	12.5 grams	14,199,000
1 cent	do	4 grams	7,476,000
			21,675,000

[1] All coined at the Philadelphia Mint except for Colombia, which were coined at the San Francisco Mint.

Coinage by the United States Mints for other countries during the fiscal year 1947 [1]—Continued

Country and denomination	Composition	Gross weight per coin	Number of pieces coined
Panama:			
1 balboa	900 silver-100 copper	412.5 grains	500,000
½ balboa	do	192.9 grains	450,000
¼ balboa	do	96.45 grains	700,000
⅒ balboa	do	38.58 grains	1,000,000
			2,650,000
Saudi Arabia:			
Discs	916⅔ gold-83⅓ copper	123.27 +grains	121,364
1 riyal	916⅔ silver-83⅓ copper	180 grains	9,500,000
½ riyal	do	90 grains	500,000
¼ riyal	do	45 grains	1,000,000
1 girsh	25 nickel-75 copper	6.5 grams	7,150,000
½ girsh	do	5.5 grams	10,850,000
¼ girsh	do	4.25 grams	21,500,000
			50,621,364
Venezuela:			
2 bolivares	835 silver-165 copper	10 grams	3,000,000
1 bolivar	do	5 grams	8,000,000
½ bolivar	do	2.5 grams	6,500,000
¼ bolivar	do	1.25 grams	12,460,000
12½ centimos	25 nickel-75 copper	5 grams	9,200,000
5 centimos	do	2.5 grams	12,000,000
			51,160,000
Grand total			334,085,727

[1] All coined at the Philadelphia Mint except for Colombia, which were coined at the San Francisco Mint.

Issue of United States coin.—The mint institutions issued 1,399,314,937 United States coins with a value of $72,923,621 during the fiscal year 1947. Issues by denomination, number of pieces, and face value, were as follows:

Denomination	Number of pieces issued	Face value
Silver dollars	8,960,206	$8,960,206.00
Half dollars	10,756,978	5,378,489.00
Quarter dollars	51,288,938	12,822,234.50
Dimes	281,233,015	28,123,301.50
5-cent pieces	179,215,800	8,960,790.00
1-cent pieces	867,860,000	8,678,600.00
Total	1,399,314,937	72,923,621.00

Stock of coin in the United States.—The total stock of coin in the United States, as of June 30, 1947, is estimated at $1,765,007,387, comprising $493,462,387 in standard silver dollars, $922,656,000 in subsidiary coin, and $348,889,000 in minor coin. These figures include the amount of coin in the Mint Service institutions and other Treasury offices, in the Federal Reserve banks and branches, in commercial banks, and an estimated amount in circulation in the United States and its possessions. Not included are limited amounts of United States coin which circulate as legal tender in certain Latin American countries, chiefly in Cuba, the Dominican Repubic, El Salvador, Haiti, Honduras, and the Republic of Panama.

Medals

The medal department is located at the Philadelphia Mint. Medals and other decorations authorized by the armed services constituted the bulk of the work in 1947 as for the past several years. The medals and other distinguishing devices for the Army, Navy, Marine Corps, and Coast Guard, totaled over 2,400,000 pieces during the year. In addition, there were 426 private medals made, and 5,649 commemorative list medals sold from regular stock.

Engraving department

All coinage and medal dies used by the mints are produced by the engraving department located at the Philadelphia Mint. During the fiscal year 1947 the department issued 15,930 working dies for domestic coinage; 5,010 working dies for foreign coinage; 436 dies, hubs, etc., for medals and insignia; 7 sculptured models; and other items—a total of 21,746 issues during the year.

Gold and silver operations

Bullion deposit transactions.—Bullion deposit transactions at the mints and assay offices during the fiscal year 1947 totaled 11,123, including 53 intermint transfers. Assay determinations required by the deposit transactions totaled 19,850, including 807 determinations for the intermint transfers.

Gold and silver stocks.—Gold stocks of the Treasury on June 30, 1947, amounted to 607,614,013 fine ounces with a value of $21,266,490,450, of which 607,611,117 fine ounces with a value of $21,266,389,119 were in custody of the Mint Service institutions.

Treasury silver stocks, exclusive of finished silver coin, totaled 1,677,806,488 fine ounces on June 30, 1947. Of this amount, 812,471,764 fine ounces were held by the Office of Defense Plants of the Reconstruction Finance Corporation, etc. For location of gold and silver stocks, by mint institution, see table in the Addenda titled "Cash assets and liabilities of the United States mint institutions on June 30, 1947."

Gold acquisitions.—During the fiscal year 1947 gold acquisitions, entered as classified melted receipts, amounted to $1,538,202,712; receipts of domestic coin melted amounted to $176,670; and transfers between mint institutions amounted to $15,129,752—a grand total of $1,553,509,134. These transactions included $2,774 in gold received at $20.67+ per fine ounce, the increment on which was $1,923.

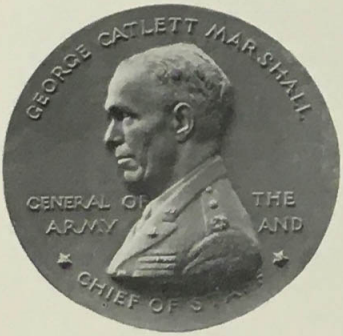
Silver acquisitions.—Purchases and deposits of all classes of silver at the mints and assay offices aggregated 99,066,705 fine ounces during the fiscal year 1947. Receipts, classified according to mint accounts, are listed herewith:

Class of bullion	Number of fine ounces received	Class of bullion	Number of fine ounces received
Newly-mined domestic silver:		Recoinage bullion from uncurrent silver dollars	49,917.06
Purchased at $0.7111+ per ounce	262,540.05	Intermint transfers of silver	7,730,415.72
Purchased at $0.905 per ounce	18,087,517.42	Deposits of silver in trust by foreign governments	5,400,921.77
Silver contained in gold deposits, etc.	551,518.51	Redeposits [1]	65,243,410.74
Silver received in exchange for Government-stamped bars	526,071.71	Grand total	99,066,705.13
Recoinage bullion from uncurrent subsidiary coin	1,214,392.15		

[1] Consists of Treasury stock previously on loan to the Office of Defense Plants of the Reconstruction Finance Corporation, etc.

SPECIAL CONGRESSIONAL MEDALS

GENERAL GEORGE C. MARSHALL



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ADMIRAL ERNEST J. KING

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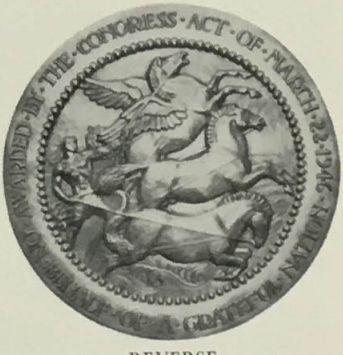

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Silver from domestic ores mined prior to July 1, 1946, was purchased at $0.7111+ per fine ounce, in accordance with the act of July 6, 1939. Silver from domestic ores mined subsequent to July 1, 1946, was purchased at $0.905 per fine ounce, in accordance with the act of July 31, 1946. Other miscellaneous purchases of silver, including silver contained in gold deposits, etc., were made at prices slightly under the current open-market rates. The New York daily market quotations for bar silver 0.999 fine ranged from a high of 90⅛ cents to a low of 59¾ cents per ounce during the year under review.

Refineries.—Electrolytic refineries are maintained at the San Francisco, New York, and Denver institutions. During the fiscal year 1947 the refineries operated upon approximately 667 tons of metal, in terms of the fine gold and silver content of the ores and bullion. The electrolytic output amounted to 3,446,442 fine ounces of gold, and 3,684,856 fine ounces of silver. In addition, 2,051,809 fine ounces of gold and 7,782,836 fine ounces of silver were subject to fire process only.

Stocks of unrefined bullion.—The stocks of unrefined bullion, in terms of the assayed fine gold and silver content, as of June 30, 1947, is shown for each institution in the following table:

Institution	Gold	Silver	Total	
	Fine ounces	Fine ounces	Fine ounces	Tons
Philadelphia	8,019.420	24,355.13	32,374.550	1.11
San Francisco	6,136,634.326	3,419,590.47	9,556,224.796	327.64
Denver	16,342,341.164	5,841,819.95	22,184,161.114	760.60
New York	6,695,599.650	1,083,418.37	7,779,018.060	266.71
Seattle	23,097.540	6,055.13	29,152.670	1.00
Total	29,205,692.140	10,375,239.05	39,580,931.190	1,357.06

Issue bars manufactured.—Gold issue bars manufactured in 1947 numbered 113,005, and contained 30,833,735 fine ounces of gold with a value of $1,079,180,740. Silver issue bars manufactured in 1947 numbered 2,964, and contained 1,154,005 fine ounces of silver. In addition, the New York Assay Office manufactured 603 gold ingots containing 58,640 fine ounces, and 210,883 silver coinage ingots containing 7,442,881 fine ounces for use at the Philadelphia Mint.

Sales for industrial and artistic use.—During 1947 sales of gold bars for use in industry and the arts totaled $66,113,173. Silver sold under the authority of the act of July 31, 1946, at 91 cents per fine ounce, amounted to 8,198 fine ounces during the year. In addition, small quantities of gold and silver from the stock of ordinary bullion were sold for medals, etc. Sales of gold bars by months were as follows:

Month	Value of gold bars issued	Month	Value of gold bars issued
1946:		1947:	
July	$8,092,270.72	January	$5,877,317.15
August	10,497,648.45	February	3,840,095.47
September	7,517,027.82	March	2,058,504.21
October	9,564,308.40	April	916,508.47
November	10,988,012.75	May	839,556.95
December	5,504,753.79	June	417,168.47
		Total	66,113,172.65

Monthly sales of silver under the act of July 31, 1946, by institution, were as follows:

Month	Philadelphia	San Francisco	Denver	Total
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*
1946:				
July	109.00	3,240.15		3,349.15
August		364.45		364.45
September	50.00	140.08	985.86	1,175.94
October	310.44	999.50		1,309.94
November		500.00		500.00
December				
1947:				
January		500.12		500.12
February				
March				
April			998.70	998.70
May				
June				
Total	469.44	5,744.30	1,984.56	8,198.30

Receipts and disbursements of gold bullion.—Receipts and disbursements of gold bullion during the fiscal year 1947, and balances on hand June 30, 1947, as compared with June 30, 1946, are shown in the following table:

Institution	Balance on hand June 30, 1946	Receipts during fiscal year 1947 (details below) [1]	Total	Disbursements during fiscal year 1947 (details below) [1]	Balance on hand June 30, 1947
Philadelphia	$3,637,881.94	$3,738,676.29	$7,376,558.23	$4,634,592.44	$2,741,965.79
San Francisco	388,770,080.54	28,849,205.69	417,619,286.23	1,274,584.32	416,344,701.91
Denver	5,704,759,180.78	18,670,524.37	5,723,429,705.15	1,041,527.66	5,722,388,177.49
New York	1,630,827,707.36	1,636,784,364.70	3,267,612,072.06	626,921,572.52	2,640,690,499.54
Seattle	1,207,148.66	9,864,259.85	11,071,408.51	10,262,994.69	808,413.82
Fort Knox	12,483,415,360.28		12,483,415,360.28		12,483,415,360.28
Total	20,212,617,359.56	1,697,907,030.90	21,910,524,390.46	644,135,271.63	21,266,389,118.83

[1] Includes transfers.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including melted coin)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$1,679,495.77	$5,552.18	$2,052,546.20	$1,082.14	$3,738,676.29
San Francisco	18,489,413.64	3,314.83	10,356,242.59	234.63	28,849,205.69
Denver	18,667,675.03	917.78	1,750.00	181.56	18,670,524.37
New York	1,633,966,033.21	10,076.44	2,807,998.80	256.25	1,636,784,364.70
Seattle	9,861,613.41	2,128.13	350.00	168.31	9,864,259.85
Fort Knox					
Total	1,682,664,231.06	21,989.36	15,218,887.59	1,922.89	1,697,907,030.90

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depositories	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$814,491.66	$2,807,998.80	$1,012,101.98	$4,634,592.44
San Francisco	1,229,533.94		45,050.38	1,274,584.32
Denver	958,365.17		83,162.49	1,041,527.66
New York	624,670,662.67	2,147,894.10	103,015.75	626,921,572.52
Seattle		10,262,994.69		10,262,994.69
Fort Knox				
Total	627,673,053.44	15,218,887.59	1,243,330.60	644,135,271.63

Monetized silver.—During the fiscal year 1947 silver certificates in the amount of $14,814,384 were issued by the Treasury against 11,458,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. The difference between the cost and the monetary value of the silver was $4,473,406, which constituted seigniorage.

Silver consumed in domestic coinage.—Silver consumed in domestic coinage during the year amounted to 38,148,011 fine ounces, producing coin with a face value of $52,736,147.50, and with seigniorage amounting to $33,402,486.

Operations of the melting and refining and of the coining departments, fiscal year 1947

The aggregate quantity of metals operated upon in the melting and refining department and the coining department of the three mints and the New York Assay Office during the fiscal year ended June 30, 1947, totaled 43.5 million fine ounces of gold and 213.1 million fine ounces of silver. There were also operated upon at the mints 689.2 million ounces of minor coinage metals. The data in the table following are based upon the figures obtained at the settlements of the accounts for the fiscal year. Legal limits of wastage on the whole amount delivered by the superintendent to the operative offices, as prescribed in section 3542 of the Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	248,375	248,421	98,697	248	47		
Coining	67,297	67,302	65,591	34	[1] 5		
San Francisco Mint:							
Melting and refining	7,555,502	7,555,571	6,272,523	7,556	69		
Coining		2			2		
Denver Mint:							
Melting and refining	19,901,377	19,901,660	2,682,270	19,901	283		
Coining		1			1		
New York Assay Office:							
Melting and refining	36,827,375	36,827,650	34,411,140	36,827	275		
Total melting and refining	64,532,629	64,533,302	43,464,630	64,532	674		
Total coining	67,297	67,305	65,591	34	8		
Grand total	64,599,926	64,600,607	43,530,221	64,566	682		

[1] Net.

SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	116,573,815	116,564,189	64,398,069	174,861		9,626	0.1495
Coining	73,639,852	73,627,129	67,092,754	73,640		[1] 12,724	.1896
San Francisco Mint:							
Melting and refining	29,303,184	29,302,162	21,145,534	43,954		1,022	.0483
Coining	3,553,451	3,552,676	3,353,431	3,553		[1] 776	.2314
Denver Mint:							
Melting and refining	48,113,774	48,127,321	32,667,432	72,171	13,547		
Coining	17,698,457	17,697,009	12,334,988	17,698		1,449	.1175
New York Assay Office:							
Melting and refining	15,123,394	15,124,124	12,148,000	22,685	729		
Total melting and refining	209,114,167	209,117,796	130,359,035	313,671	[1] 3,628		
Total coining	94,891,760	94,876,814	82,781,173	94,891		14,949	
Grand total	304,005,927	303,994,610	213,140,208	408,562		[1] 11,321	.0531

[1] Net.

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	76,787,598	76,068,101	76,787,598			719,497	9.3700
Coining	82,909,463	82,777,418	77,939,923			132,046	1.6942
San Francisco Mint:							
Melting and refining	15,952,471	15,940,857	13,016,213			[2] 11,614	([2])
Coining	11,138,512	11,123,919	9,943,026			14,593	1.3119
Denver Mint:							
Melting and refining	11,770,535	11,720,495	11,770,535			50,041	4.2514
Coining	12,384,493	12,380,106	12,204,921			4,387	.3594
Total melting and refining	104,510,604	103,729,453	101,574,346			781,152	7.6899
Total coining	106,432,468	106,281,443	100,087,870			151,026	1.5089
Grand total	210,943,072	210,010,896	201,662,216			932,178	4.6223

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	152,407,777	152,102,506	152,407,777			305,270	2.0030
Coining	168,907,478	168,172,341	157,293,454			735,136	4.6737
San Francisco Mint:							
Melting and refining	37,216,209	37,182,281	35,860,520			33,927	.9461
Coining	36,465,993	36,416,593	35,506,719			49,400	1.3913
Denver Mint:							
Melting and refining	52,896,948	52,835,881	52,896,948			61,067	1.1545
Coining	62,708,741	62,693,408	53,607,901			15,333	.2860
Total melting and refining	242,520,934	242,120,668	241,165,245			400,264	1.6597
Total coining	268,082,212	267,282,342	246,408,074			799,869	3.2461
Grand total	510,603,146	509,403,010	487,573,319			1,200,133	2.4614

[2] Wastage partly accounted for during the fiscal year 1946.

Sweeps cellar operations fiscal year 1947 (includes crushed discarded melting pots, etc.)

Institution	Source	Material (quantity)		Metal content			
				Bars recovered		Tailings	
		Bags	Net avoirdupois	Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint	Melting and refining	51	6,375		38,680.14	17.862	8,602.27
	Coining	33	4,125	3.906	13,023.60	6.191	5,758.39
	Deposits	7	875			121.133	160.72
Total		91	11,375	3.906	51,703.74	145.186	14,521.38
San Francisco Mint	Melting and refining	272	32,768	12.674	209.04	25.925	922.87
	Refinery	355	30,190	32.380	72.85	784.675	2,946.53
	Coining	29	2,316			3.201	1,931.60
Total		656	65,274	45.054	281.89	813.801	5,801.00
Denver Mint	Refinery	1,121	105,556			668.343	11,072.63
	Coining	6	433			1.146	266.13
	Deposits	85	8,188			81.990	118.00
Total		1,212	114,147			751.479	11,456.76
New York Assay Office	Refinery	722	56,608			209.022	748.11
Grand total		2,681	247,404	48.960	51,985.63	1,919.488	32,527.25

Bullion gains and losses, fiscal year 1947

Item	Mint at—			Assay office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from melting and refining and coining operations	$1,798.06	$2,493.16	$15,423.12	$10,063.84		$29,778.18
Recovered incident to receipt of bullion deposits	1,006.03	1,652.04	902.99	457.67	$2,694.87	6,713.60
Gains on lightweight and mutilated coin received for recoinage	31.19	8.35	27.10	.44		67.08
Gains on bullion shipments					[1] 820.08	[1] 820.08
Total gains	2,835.28	4,153.55	16,353.21	10,521.95	3,514.95	37,378.94
Wasted in refining and coining operations	10,429.85	1,254.91	584.19			12,268.95
Net gains	[2]—7,594.57	2,898.64	15,769.02	10,521.95	3,514.95	25,109.99

[1] Net.
[2] Loss.

Wastage of coinage metal and loss on sale of sweeps, fiscal year 1947

Item	Mint at—			New York Assay Office	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department	$4,492.18	$713.32			$5,205.50
Coining department	5,937.67	541.59	$584.19		7,063.45
Nickel wastage:					
Melting and refining department	8,393.73	196.18	709.55		9,299.46
Coining department	1,540.46	246.50	62.20		1,849.16
Bronze wastage:					
Melting and refining department	2,864.15	452.55	840.71		4,157.41
Coining department	6,897.29	658.95	211.09		7,767.33
Loss on sale of sweeps	2,437.40	1,630.73	64.22	$2,176.58	6,308.93
Total wastage and loss	32,562.88	4,439.82	2,471.96	2,176.58	41,651.24
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses	1,798.06	1,254.91	584.19		3,637.16
Nickel and bronze wastage from minor coinage profits	15,109.95	1,458.87	1,823.55		18,392.37
Nickel and bronze wastage offset by charges to foreign metals accounts	4,585.68	95.31			4,680.99
Other wastages, and loss on sweeps from appropriations	11,069.19	1,630.73	64.22	2,176.58	14,940.72
Total reimbursements	32,562.88	4,439.82	2,471.96	2,176.58	41,651.24

Production and consumption of gold and silver in the United States

Production of gold and silver refined from ores mined in the United States and its possessions during the calendar year 1946 was as follows: Gold, 1,462,354 fine ounces with a value of $51,182,390; and silver, 21,103,269 fine ounces. Distribution of production by State of origin appears on pages 15–16.

Gold issued for use in the industrial arts in the United States during the calendar year 1946 aggregated $199,686,837, with a return from industrial use of old jewelry, plate, scrap, etc., amounting to $45,999,837, giving a net consumption of new gold amounting to $153,687,000. Silver issued for use in arts and industry during the calendar year 1946 aggregated 123,646,860 fine ounces, with a return of old plate, scrap, etc., yielding 36,646,860 fine ounces, giving a net consumption of new silver equivalent to 87,000,000 fine ounces.

Assay Commission's Annual Test of Coin for 1946

Section 3547 of the Revised Statutes of the United States, provides for an annual test of the domestic coinage executed during each calendar year by a commission of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 12, 1947, reported the following results of their examination of the 1946 coinage:

Annual assay coins reserved at various mints during the calendar year 1946

Denomination	Philadelphia		Denver		San Francisco	
	Pieces	Value	Pieces	Value	Pieces	Value
Half dollars	6,612	$3,306.00	1,177	$588.50	2,112	$1,056.00
Quarter dollars	26,718	6,679.50	4,538	1,134.50	2,102	525.50
Dimes	127,625	12,762.50	30,522	3,052.20	13,950	1,395.00
Total	160,955	22,748.00	36,237	4,775.20	18,164	2,976.50

REPORT OF THE COMMITTEE ON COUNTING

To the Chairman and Members of the Board of Assay Commissioners:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint of Philadelphia. Verification of the coins reserved was made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected, the coins contained therein were counted and found to agree with the number as designated on each envelope from the different mints.

REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 111 coins, consisting of 57 coins from the Philadelphia Mint, 28 coins from the Denver Mint, and 26 coins from the San Francisco Mint. These coins were taken from 51 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from that Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitiveness, accuracy and reliability of which was tested and found adequate before the beginning of the work on February 12, and again on the morning of February 13.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of the denominations set forth below as found from individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1.5					0.77	0.80
Quarter dollar	1.5	0.85	0.90	0.90	0.79		
Dime	1.5	1.21	1.07	.90	.48	.89	.35

Considering the 111 coins as a group, the average deviation with regard to sign was found to be only 0.038 grain. In other words, of the coins weighed, the heavy coins were very nearly offset by the light coins. The average error without regard to sign was 0.39 grain. In general, any coin taken at random from any Mint appears equally likely to be heavy or light.

REPORT OF THE COMMITTEE ON ASSAYING

In compliance with section 3547 of the Revised Statutes, the Committee on Assaying is pleased to report that the assays have been completed on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1946, by the United States Mints at Philadelphia, Denver, and San Francisco.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	Highest	*Lowest*
Philadelphia Mint	900.6	898.6
Denver Mint	900.0	898.6
San Francisco Mint	900.0	899.3
Result of mass Melting:		
Philadelphia Mint	899.3	
Denver Mint	899.3	
San Francisco Mint	899.4	

The assay balances were tested and found to be in adjustment. The nitric acid used for assaying was found to be free from chlorine and the weights used for weighing the samples for assay were checked against a set that had been standardized by the National Bureau of Standards.

Summary of personnel of the Bureau of the Mint, by departments, June 30, 1947, compared with June 30, 1946

Mint institutions	Established under act of—	Number of employees, by departments										
		General									Total	
		Administrative, etc.	Custodial		Mechanical	Deposits division	Engraving	Assaying	Coining	Melting and Refining	June 30, 1947	June 30, 1946
			Guards	Other								
Office of the Director	Feb. 12, 1873	48									48	50
Philadelphia Mint	Apr. 2, 1792	84	63	33	85	39	24	9	427	89	853	1,652
San Francisco Mint	July 3, 1852	30	25	7	26	7	-----	11	83	65	254	263
Denver Mint	Apr. 21, 1862	27	38	14	48	6	-----	9	147	94	383	334
New York Assay Office	Mar. 3, 1853	29	28	10	11	30	-----	18	-----	59	185	182
West Point Depository	June 22, 1936[1]	-----	13	1	-----	-----	-----	-----	-----	-----	14	17
Seattle Assay Office	May 21, 1898	4	2	-----	-----	3	-----	2	-----	-----	11	10
Fort Knox Depository	Aug. 13, 1935[1]	3	29	3	-----	-----	-----	-----	-----	-----	35	39
Total June 30, 1947	-----	225	198	68	170	85	24	49	657	307	1,783	-----
Total June 30, 1946	-----	272	219	89	208	100	32	51	1,009	567	-----	2,547

[1] Allotment made from a lump construction appropriation.

The foregoing report, covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1947, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. JOHN W. SNYDER,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1946

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1946

INTRODUCTION

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States Mints and Assay Offices and at privately owned refineries. The mints and assay offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

The estimated industrial consumption of gold and silver is based upon sales by mints and assay offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials consumed.

Gold production

Production of gold during the calendar year 1946 by the several States and the Territory of Alaska (based upon arrivals at mints and assay offices and at private refineries) totaled 1,462,354 fine ounces with a value of $51,182,390, an increase of 57 percent over the 1945 production of $32,511,255. California recorded the highest production in 1946 ($12.2 million), followed by South Dakota ($10.8 million), Alaska ($6.7 million), Utah ($5.3 million), and Colorado ($4.5 million).

Production of gold mined in the several States and Territories, with percentage increase (+) or decrease (−), calendar years 1945 and 1946 (based on arrivals at mints and assay offices and at private refineries)

State in which mined	1945		1946		Increase or decrease in 1946, percent
	Fine ounces	Value	Fine ounces	Value	
Alabama	5	$175	1	$35	−80.0
Alaska	60,331	2,111,585	192,303	6,730,605	+218.7
Arizona	78,246	2,738,610	70,498	2,467,430	−9.9
California	142,794	4,997,790	349,970	12,248,950	+145.1
Colorado	101,635	3,557,225	129,604	4,536,140	+27.5
Georgia			21	735	
Idaho	18,820	658,700	30,340	1,061,900	+61.2
Montana	42,094	1,473,290	62,350	2,182,250	+48.1
Nevada	90,596	3,170,860	89,924	3,147,340	−.7
New Mexico	13,384	468,440	9,152	320,320	−31.6
Oregon	734	25,690	16,961	593,635	+2,210.8
Pennsylvania	1,608	56,280	1,178	41,230	−26.7
South Dakota	41,002	1,435,070	307,647	10,767,645	+650.3
Tennessee	148	5,180	72	2,520	−51.4
Texas			10	350	
Utah	270,969	9,483,915	152,228	5,327,980	−43.8
Vermont	102	3,570	150	5,250	+47.1
Virginia	74	2,590	12	420	−83.8
Washington	52,857	1,849,995	49,911	1,746,885	−5.6
Wyoming	4	140	22	770	+450.0
Philippine Islands	13,490	472,150	(1)	(1)	
Total	928,893	32,511,255	1,462,354	51,182,390	+57.4

[1] Independent of the United States in 1946.

The grand total production of gold in the continental United States and its possessions since 1792 has amounted to 275,974,990 fine ounces, with a value of $6,379,655,745. For production by calendar years 1792–1943, see page 36 of the 1944 Annual Mint Report, and for years since 1943, each succeeding Annual Mint Report.

Silver production

Production of silver by the several States and the Territory of Alaska (based upon arrivals at mints and assay offices and at private refineries) totaled 21,103,269 fine ounces during the calendar year 1946. Idaho was the largest silver producing state (6.2 million ounces), followed by Utah (3.5 million ounces), Arizona (3 million ounces), Montana (2.7 million ounces), Colorado (2 million ounces), Nevada (1.3 million ounces), and California (1.2 million ounces). The Treasury price for domestic silver mined subsequent to July 1, 1939, and through July 1, 1946 was $0.7111+ per fine ounce (act of July 6, 1939); and for domestic silver mined subsequent to July 1, 1946, $0.905 per fine ounce (act of July 31, 1946). The New York open market quotations for bar silver 0.999 fine were 70¾ cents per ounce from January 1 through July 10, inclusive, increasing to 90⅛ cents on July 11 and remaining at that price through December 4. Quotations during the remainder of December fluctuated as follows: On the fifth, 87½ cents; sixth, 87¾; ninth, 88½; tenth, 87; sixteenth, 87⅛; nineteenth, 86⅛; twentieth 85¾; and on the twenty-fourth, 84¾ cents.

Production of silver mined in the several States and Territories, with percentage increase (+) or decrease (−), calender years 1945 and 1946 (based on arrivals at mints and assay officers and at private refineries)

State in which mined	1945	1946	Increase or decrease in 1946
	Fine ounces	*Fine ounces*	
Alabama	1	[1]	
Alaska	8,811	36,221	+311.0
Arizona	3,411,405	2,991,406	−12.3
California	950,211	1,195,765	+25.8
Colorado	2,406,844	2,040,874	−15.2
Georgia		[1]	
Idaho	8,227,758	6,218,895	−24.4
Illinois	1,546	2,288	+48.0
Michigan	20,007		
Missouri	20,494	68,430	+233.9
Montana	5,493,448	2,747,700	−50.0
Nevada	1,155,860	1,339,421	+15.9
New Mexico	653,893	477,021	−27.0
New York	14,200	15,727	+10.8
Oregon	12,352	8,260	−32.9
Pennsylvania	10,530	8,123	−22.9
South Dakota	41,191	89,017	+116.1
Tennessee	35,391	17,716	−49.9
Texas	20,849	33,610	+61.2
Utah	6,244,394	3,530,855	−43.5
Vermont	20,038	32,369	+61.5
Virginia	8,505	835	−90.2
Washington	288,303	248,694	−13.7
Wyoming	16	12	
Philippine Islands	17,208	[2]	
Total	29,063,255	21,103,269	−27.4

[1] Less than 1 fine ounce.
[2] Independent of the United States in 1946.

The grand total silver production of the continental United States and its possessions since 1792 has aggregated 3,912,117,943 fine ounces. For production by calendar years 1792–1943, see page 36 of the 1944 Annual Mint Report, and for years since 1943, each succeeding Annual Mint Report.

Gold and silver consumption

Net gold consumed in the industrial arts during the calendar year 1946 is estimated at 4,391,057 fine ounces with a value of $153,687,000, a 41 percent increase over the amount consumed in 1945. Net silver consumed in the arts and industries is estimated at 87,000,000 fine ounces in 1946, a decrease of 31 percent from the 126,300,000 fine ounces consumed in 1945. The statement following gives in more detail the items comprising the 1946 estimate.

Item	Gold	Silver
	Value [1]	*Fine ounces*
Government-stamped bars issued by mints and assay offices	$123,253,662	[2] 334,732
Bullion in various forms issued by private refiners and dealers	76,433,175	123,223,183
United States coin (estimated)		88,945
Total issued	199,686,837	123,646,860
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	45,999,837	36,646,860
Net new material issued	153,687,000	87,000,000

[1] Gold valued at $35 per fine ounce.
[2] Includes 7,200 fine ounces of silver sold under authority of the act of July 31, 1946.

Monthly issues of gold bars for cash by the mints and assay offices were as follows:

Month	Value of gold bar sales	Month	Value of gold bar sales
1946:		1946—Continued	
January	$9,779,787.75	August	$10,497,648.45
February	8,444,024.92	September	7,517,027.82
March	12,601,887.15	October	9,564,308.40
April	15,906,305.44	November	10,988,012.75
May	13,742,799.13	December	5,504,753.79
June	10,615,136.09		
July	8,092,270.72	Total	123,253,662.41

Review of gold and silver mining industry

A review of the gold and silver mining industry in the various States and Alaska for the calendar year 1946, for which acknowledgment is made to the United States Bureau of Mines, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

The value of the production of gold and silver from mines in Alaska was $7,971,104 in 1946, compared with $2,391,194 in 1945, according to Alfred L. Ransome of the United States Department of the Interior, Bureau of Mines. The 226,781 fine ounces of gold valued at $7,937,335 recovered from ores and gravels, an increase of 233 percent from the 1945 output, was still far short of the general level of output during the few years immediately preceding the war (in 1940, 755,970 ounces, valued at $24,341,345). Alaska silver production in 1946 totaled 41,793 fine ounces valued at $33,769, an increase of 319 percent in quantity and 376 percent in value from 1945.

Placer mines produced 97 percent of the total Alaska output of gold and connected-bucket dredges 65 percent, compared with 85 percent for all placers and 51 percent for dredges in 1945. Twenty-four dredges operated in 1946 compared with 14 in 1945. Other placer operations numbered 282 and recovered 32 percent of the total gold produced, compared with 188 operations producing 34 percent in 1945. The connected-bucket dredge operators producing over 3,500 ounces of gold in 1946, listed in order of output, were: United States Smelting, Refining, & Mining Co., Fairbanks district; New York-Alaska Gold Dredging Co., Tuluksak-Aniak district; Arctic Circle Exploration Co., Fairhaven district; Alluvial Golds, Inc., Circle district; Brinker-Johnson, Fairbanks district; and Gold Placers, Inc., Circle district. The only other placer operator producing over 3,500 ounces was the Cripple Creek Mining Co., Innoko district, using dragline equipment.

Sixteen lode mines were active in 1946, two less than in 1945, and these contributed 3 percent of the total gold output, compared with 15 percent in 1945. As in 1945, nearly all the lode gold was recovered from gold ore by amalgamation. The continued idleness of the Alaska Juneau Gold Mining Co. was the principal reason for the relative unimportance of lode gold in Alaska's total production. However, gold recovered from a mill clean-up resulted in the company ranking as Alaska's largest lode gold producer in 1946. The Cleary Hill Mines Co., the second largest producer in 1946, operated its mine on Cleary Creek in the Fairbanks district. The Alaska Pacific Consolidated Mining Co., operating its Independence mine on Fishhook Creek in the Willow-Creek district, ranked third.

The total production of gold and silver in Alaska, in terms of recovered metals, from 1880 through 1946, has been 26,083,428 ounces of gold, valued at $625,934,582, and 19,790,298 ounces of silver, valued at $14,081,591.

ARIZONA

The output of gold in Arizona increased from 77,223 fine ounces valued at $2,702,805 in 1945 to 79,024 fine ounces valued at $2,765,840 in 1946, a gain of 2 percent, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. Gold from lode mines increased from 76,683 ounces in 1945 to 78,626 ounces in 1946, but that from placers decreased from 540 ounces to 398 ounces. Copper ore yielded 77 percent of the State gold in 1946 (80 percent in 1945); zinc-lead ore, 16 percent (14 percent in 1945); siliceous ores, 4 percent (3 percent in 1945); and lead ores and placers, most of the remainder. Ore amalgamated furnished 194

ounces of gold; ore and old tailings cyanided, 889 ounces; concentrates smelted, 62,422 ounces; and crude ore smelted, 15,121 ounces.

About 89 percent of the State gold in 1946 came from seven districts—Ajo, Big Bug, Copper Mountain (Morenci), Globe-Miami, Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The New Cornelia mine of the Phelps Dodge Corp., Pima County, was by far the leading gold producer in Arizona. It was followed by the Iron King and United Verde mines, Yavapai County; the Magma mine, Pinal County; the Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the Morenci branch of the Phelps Dodge Corp., Greenlee County; and the Castle Dome mine, Gila County. These seven properties, nearly all copper mines, produced 86 percent of the State total gold.

The total gold production in Arizona, in terms of recovered metal, from 1860 through 1946 has been 10,868,159 ounces valued at $267,880,720.

The output of recoverable silver in Arizona in 1946 was 3,268,765 fine ounces valued at $2,641,162, a decline of 8 percent in quantity but an increase of 4 percent in value compared with the 1945 output of 3,558,216 ounces valued at $2,530,287. Copper ore yielded 54 percent of the State silver in 1946 (59 percent in 1945), and zinc-lead ore, 37 percent (32 percent in 1945); the remainder came principally from siliceous ores, lead ore, zinc-lead-copper ore, lead-copper ore, and zinc-copper ore. Silver from copper ore declined 348,879 ounces (16 percent), and that from zinc-copper ore 58,071 ounces (76 percent); however, the output from zinc-lead ore increased 83,693 ounces (7 percent), and that from siliceous ores 18,590 ounces (12 percent).

Nearly 35 percent of the State total silver in 1946 came from the Warren (Bisbee) and Verde (Jerome) districts, but the output from these districts decreased 298,757 ounces from that in 1945. The Phelps Dodge Corp. continued to be the chief silver producer in Arizona, although its output was nearly 11 percent less than in 1945; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced more than 54 percent of the State silver in 1946. Other large silver producers were the Iron King, Magma, San Xavier (Eagle-Picher Mining & Smelting Co.), Trench-Flux, Castle Dome, and St. Anthony properties.

The total silver production in Arizona, in terms of recovered metal, from 1860 through 1946 has been 292,687,414 ounces valued at $217,264,699.

CALIFORNIA

Gold production in California in 1946 was nearly 1½ times the output in 1945, but still far below the pre-war level (1,408,793 fine ounces in 1941), according to Alfred L. Ransome, of the United States Department of the Interior, Bureau of Mines. Silver production was 36 percent higher than in 1945, making 1946 the third consecutive year of increase.

The marked increase in the production of gold since the rescinding of War Production Board Order L–208 July 1, 1945, was due largely to the rapid acceleration in placer mining, principally by connected-bucket dredging. The rate of increase in production would have been even greater had lode gold mining been reestablished with equal rapidity. With the exception of a few properties, many of the mines

that were large producers before the war had not reopened, and one famous producer, the Empire Star Mines Co., Ltd., suspended operation of its Empire Star group of mines in the Grass Valley-Nevada City district, Nevada County, on July 1, 1946. The principal reasons for this shutdown, as well as the failure of so many other properties to reopen, were the fixed price for gold and the over-all inflationary trend which affected all costs of mining and labor.

Monthly production of gold in 1946 gained rapidly during the first quarter to continue the swing upward which began in July 1945. From March through July the monthly output remained relatively unchanged at about 29,700 ounces. Following a rise to 34,340 ounces in August, the monthly rate of production again leveled off for the balance of the year. The monthly average for 1946 was 29,735 ounces compared with 12,328 ounces in 1945 and 9,781 ounces in 1944; in 1941 the monthly average was 117,399 ounces.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1946 was 356,824 fine ounces valued at $12,488,840 compared with 147,938 ounces valued at $5,177,830 in 1945, an increase of 141 percent in quantity and value. In 1946, 150 lode mines produced 87,052 ounces of gold valued at $3,046,820, and 172 placer mines produced 269,772 ounces of gold valued at $9,442,020. Placer mines supplied 76 percent and lode mines 24 percent of the total in 1946 compared with 63 percent for placer mines and 37 percent for lode mines in 1945. Of the gold derived from lode operations, 92 percent was recovered from dry gold ore, 4 percent from zinc ore, 2 percent from dry gold-silver ore, 1 percent from lead ore, and the remainder from zinc-copper, copper, zinc-lead, and dry silver ores. Metallurgical data show that 53 percent of the lode gold in 1946 (51 percent in 1945) was recovered by amalgamation of ore, 31 percent (22 percent in 1945) by cyanidation of ore, old tailings, and concentrates, 10 percent (21 percent in 1945) by smelting of concentrates, and 6 percent (6 percent in 1945) by smelting of ore and old tailings.

The yardage of material handled at placer mines increased 163 percent, and the output of placer gold gained 189 percent. Lode gold production increased 60 percent, whereas the tonnage of material treated decreased 13 percent.

In the following data on placer mining, 1945 figures are given in parentheses. Floating dredges of the connected-bucket type washed 78,175,000 (30,738,000) cubic yards of gravel and recovered 244,679 (88,318) ounces of gold valued at $8,563,765 ($3,091,130) or 93 (94) percent of the placer gold produced in the State in 1946. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) washed 4,309,000 (414,400) yards of gravel which yielded 16,932 (1,242) ounces of gold valued at $592,620 ($43,470). Nonfloating washing plants to which gravel was delivered by mechanical means washed 771,000 (519,300) yards of gravel and recovered 2,576 (974) ounces of gold valued at $90,160 ($34,090). Hydraulic mines produced 1,147 (922) ounces of gold valued at $40,145 ($32,270) derived from 443,300 (282,300) yards of gravel. Drift mining accounted for 158 (498) ounces of gold valued at $5,530 ($17,430) from 5,700 (2,700) yards of gravel, and suction dredging produced 112 (none) ounces of gold valued at $3,920 from 22,900 yards of gravel. Small-scale hand-operated equipment, including small

sluice boxes, long toms, dip boxes, rockers, and pans, was used in the production of 4,168 (1,526) ounces of gold valued at $145,880 ($53,410).

Sacramento and Yuba Counties, because of the increased productivity of connected-bucket dredges, ranked first and second among the California gold-producing counties in 1946. Nevada County came third, the gold coming principally from lode mines in the Grass Valley-Nevada City district. Stanislaus and Butte Counties, which occupied fourth and fifth place, respectively, derived almost all the 1946 gold production from connected-bucket dredging. Other counties producing over $200,000 in gold in 1946, listed in order of output, were Trinity County (largely connected-bucket dredging), San Joaquin County (connected-bucket dredging), Shasta County (dredging), Sierra County (gold ore), Siskiyou County (dredging), and Calaveras County (principally zinc ore).

The principal gold-producing mines in California in 1946, listed by operators in order of output, were the Natomas Co., Sacramento County (dredge); Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge); Idaho Maryland Mines Corp., Nevada County (gold ore); Tuolumne Gold Dredging Corp., Stanislaus County (dredge); Capital Dredging Co., Sacramento County (dredge); Gold Hill Dredging Co., San Joaquin County (dredge); Junction City Mining Co., Trinity County (dredge); Yuba Consolidated Gold Fields (Butte unit), Butte County (dredge); La Grange Gold Dredging Co., Stanislaus County (dredge); Original Sixteen to One Mine, Inc., Sierra County (gold ore); Empire Star Mines Co., Ltd., Nevada County (gold ore); Lancha Plana Gold Dredging Co., Sacramento County (dredge); Thurman Gold Dredging Co., Shasta County (dredge); Gold Hill Dredging Co., Butte County (dredge); and Thurman & Wright, Sacramento County (dredge).

Production of silver from California ores, gravels, and re-treated tailings in 1946 was 1,342,651 fine ounces valued at $1,084,862, compared with an output of 986,798 ounces valued at $701,723 in 1945. Of the lode silver 72 percent was derived from lead ore, 10 percent from zinc ore, 7 percent from zinc-copper ore, 4 percent from dry gold ore, 3 percent from dry gold-silver ore, and the remainder from copper, zinc-lead, and dry silver ores. A small quantity of silver was recovered as a byproduct of dredging and other placer mining carried on principally for gold. Smelting of ore and old tailings supplied 73 percent of the lode silver uncovered in the State, smelting of concentrates 25 percent, and amalgamation and cyanidation of ore and old tailings 2 percent.

The principal silver-producing mines in California in 1946, listed by operators in order of output, were Anaconda Copper Mining Co., Inyo County (lead ore); Shawmut Copper Mine Co., Calaveras County (zinc ore); The Mountain Copper Co., Ltd., Shasta County (zinc-copper ore); Finley Co., Inyo County (lead ore); Frank W. Royer, San Bernardino County (gold-silver ore); J. Q. Little (under contract from the Crystal Cave Mining Co.), San Bernardino County (zinc ore); Emerson A. Ray, et al, San Bernardino County (lead and zinc-lead ores); L. D. Forman & Co., Inyo County (lead ore and old slag); United States Vanadium Corp., Inyo County (tungsten ore); and Pacific Mining Co., Amador County (copper ore).

CENTRAL STATES

No production of gold has been reported by mines in the Central States since 1941; the output of recoverable silver in 1946 totaled 71,703 fine ounces valued at $57,936 compared with 118,883 ounces valued at $84,539 in 1945, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The producing States in 1946 were Illinois and Missouri. Ordinarily silver is recovered from some of the copper ore mined in Michigan, but none of the bullion derived from this ore was shipped to electrolytic refineries for recovery of silver during 1946, and no silver was reported recovered from tables or jigs in the mills. The Missouri output of silver was 69,401 ounces compared with 94,822 ounces in 1945. Most of the output was recovered as a byproduct by smelters treating lead concentrates produced in Southeastern Missouri region. In the sale of the lead concentrates, no value is attached to the silver, as the quantity recovered per ton of concentrates is very small. In some years (including 1944–46) a little silver has been recovered from copper concentrates made in milling lead-copper and lead-copper-cobalt-nickel-iron ore mined at Fredericktown, Mo. The St. Joseph Lead Co. has been the principal producer of silver in Missouri for many years. The silver produced in Illinois was recovered from lead concentrates shipped from mills treating zinc-lead fluorspar and lead fluorspar ores mined in Southern Illinois; the quantity recovered in 1946 was 2,302 ounces compared with 2,198 ounces in 1945.

COLORADO

Production of recovered gold increased 41 percent in Colorado in 1946 compared with 1945, according to S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. However, this was the lowest output of any year since 1876, except the war years 1943 through 1945. There was no material change in the production of silver in 1946. Colorado mines in 1946 yielded, in terms of recovered metals, 142,613 fine ounces of gold valued at $4,991,455 and 2,240,151 fine ounces of silver valued at $1,810,042. The shortage of underground workers in the principal gold-producing districts was the greatest single deterrent in the resuming of full-scale operations by gold and silver lode mines in the State in 1946. The resumption of new placer dredging operations, chiefly in Park County, and a full-year operation by the Golden Cycle Corp. in Teller County contributed greatly to the increase in gold production in 1946 over 1945.

Ore sold or treated in Colorado totaled 1,463,496 tons in 1946, compared with 1,357,551 tons in 1945. In all, 235 lode mines and 28 placer mines were active in 1946 compared with 195 lode mines and 41 placer mines in 1945.

Virtually all the ore produced from Colorado mines in 1946 contained gold as a valuable constituent. However, ores from mines in Boulder, La Plata, Montezuma, Park, Rio Grande, and Teller Counties were valuable chiefly for their gold content. The principal gold-producing districts in 1946 were Cripple Creek in Teller County, which produced 34 percent of the State output of recovered gold; Upper San Miguel in San Miguel County, 17 percent; Fairplay and

Tarryall in Park County, 13 percent; Animas in San Juan County, 11 percent; and California (Leadville) in Lake County, 8 percent. Dry and siliceous ores yielded 74 percent of the State total gold; placers, 14 percent; zinc-lead ore, 9 percent; and zinc, lead, copper, and lead-copper ores, 3 percent.

Mine production of recovered silver in Colorado in 1946 increased less than 1 percent over that of 1945. The total value of production, however, rose substantially because of the higher average silver price prevailing in 1946. The leading silver-producing districts in the State were Upper San Miguel in San Miguel County, which produced 16 percent of the State total silver; Creede in Mineral County, 16 percent; Animas in San Juan County, 15 percent; California (Leadville) in Lake County, 15 percent; and Pioneer in Dolores County, 8 percent. Dry and siliceous ores yielded 58 percent of the State total silver; zinc-lead ore, 33 percent; zinc ore, 5 percent; and lead, copper, and lead-copper ores and placers, 4 percent.

The Golden Cycle mill at Colorado Springs operated throughout the year on company and custom ores. During the war period this company accepted all classes of ore; however, beginning December 1, 1945, the company accepted only gold and gold-silver ores, chiefly from Teller County. The company mill treated a total of 306,790 tons of ore in 1946 compared with 227,063 tons in 1945.

The placer gold output in Colorado in 1946 was recovered chiefly from one floating connected-bucket dredge and two dragline dredges operated in Park County.

The total production of gold and silver in Colorado, in terms of recovered metals, from 1858 through 1946 has been 39,057,943 fine ounces of gold valued at $860,904,969 and 730,426,678 fine ounces of silver valued at $567,570,125.

EASTERN AND APPALACHIAN STATES

The mine output of gold in the Eastern and Appalachian States in 1946 decreased 23 percent from 1945 and was the lowest since 1932, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The quantity produced in 1946 was 1,432 fine ounces valued at $50,120 compared with 1,857 ounces in 1945 valued at $64,995. Economic conditions in 1946 were not favorable for gold mining in the Eastern States, and no production was reported from straight gold or gold-silver lode mines during the year. The old Calhoun gold mine in Lumpkin County, Ga., was under development by Calhoun Mines, Inc., which drove 530 feet of tunnel and 140 feet of drifts. The Haile mine in Lancaster County, S. C., and the Condor (old Howie) in Union County, N. C., leading producers of gold in the Eastern States when the wartime shut-downs occurred in 1942, were not reopened in 1946 because of continued unfavorable labor conditions. Individuals recovered a total of 22 ounces of gold from placers in Georgia and Alabama. The Georgia output (21 ounces) came from the Baggs Branch, Battle Branch, Consolidated, and Mill Creek placers in Lumpkin County and the Kin Mori placer in Dawson County. In Alabama 1 ounce was recovered by sluicing on the Hog Mountain property in Tallapoosa County.

Gold recovered incidental to the production of other metals comprised 1,150 ounces from Pennsylvania, 165 ounces from Vermont,

and 95 ounces from Tennessee. The Pennsylvania output was recovered in treating magnetite-pyrite-chalcopyrite ore from the Cornwall mine in Lebanon County. Tailings from magnetic separators are treated by flotation for recovery of copper concentrate, which contains gold and silver, and pyrite concentrate, which contains cobalt. The copper concentrate is shipped to the Phelps Dodge Refining Corp. smelter and electrolytic refinery at Laurel Hill, N. Y., where gold and silver are recovered. The Vermont output of gold, also contained in copper concentrate shipped to the Laurel Hill Plant, was derived from copper ore from the Elizabeth mine in Orange County. The gold produced in Tennessee was recovered from copper-iron-zinc sulfide or from the Tennessee Copper Co. mines in the Ducktown district, Polk County. Some of the ore was smelted direct in the company smelter at Copperhill, but most of it was concentrated in selective flotation mills. The products of the mills were copper, iron, and zinc concentrates. The recoverable gold and silver were contained in the copper concentrate that was smelted to produce blister copper, which was shipped to an electrolytic refinery.

Silver produced by mines in the Eastern States in 1946 totaled 76,964 ounces valued at $62,187 compared with 81,983 ounces valued at $58,299 in 1945. The Treasury buying price for newly mined silver, which had stood at 71.1+ cents per fine ounce from July 1, 1939 to June 30, 1946, was advanced to 90.5 cents effective July 1, 1946. Most of the silver output in 1946 was recovered from copper concentrates shipped to smelters and electrolytic refineries from the mines that produced byproduct gold also. The Elizabeth mine in Vermont contributed 35,275 ounces of recoverable silver, the Tennessee Copper Co. mines in Tennessee 18,016 ounces, and the Cornwall mine in Pennsylvania 7,887 ounces. The rest of the output (15,786 ounces) was recovered from lead concentrates shipped from the Balmat zinc-lead mine in St. Lawrence County, New York.

IDAHO

The output of recoverable gold in Idaho increased 142 percent from 17,780 fine ounces valued at $622,300 in 1945 to 42,975 fine ounces valued at $1,504,125 in 1946, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. The yield of gold from lode mines rose from 16,011 ounces in 1945 to 22,852 ounces in 1946, and that from placer properties from 1,769 ounces to 20,123 ounces. This marked increase from placers resulted principally from resumption in the spring of dredging in the Boise Basin, Yankee Fork, Middle Boise, Elk City, Orogrande, and Gibbonsville districts. Of the State total gold in 1946, 40 percent came from bucket dredging, 39 percent from gold ore, 13 percent from zinc-lead ore, and most of the remainder from dragline dredging.

Nearly 87 percent of Idaho's gold in 1946 came from the Yellow Pine district in Valley County, Middle Boise (Atlanta) district in Elmore County, Boise Basin district in Boise County, Yankee Fork district in Custer County, and the Warm Springs district in Blaine County. The Bradley Mining Co., operating the Yellow Pine mine at Stibnite, was the leading State gold producer. It was followed by Talache Mines, Inc. (lode) at Atlanta, Snake River Mining Co. (bucket dredge) at Sunbeam, Baumhoff & Marshall (2 bucket dredges) near Centerville,

Pyramid Mining Co. (bucket dredge) near Twin Springs, Triumph mine (lode) at Triumph, Idaho-Canadian Dredging Co. (bucket dredge) at Idaho City, and Smith Bros. & Courtis, Inc., (dragline dredge) near Gibbonsville. Gold recovered from ore amalgamated amounted to 2,919 ounces; from concentrates smelted, 18,811 ounces; and from crude ore smelted, 1,122 ounces.

The total production of gold in Idaho, in terms of recovered metal, from 1863 through 1946 has been 7,840,749 ounces valued at $177,565,618.

In 1946 the output of recoverable silver in Idaho was 6,491,104 fine ounces valued at $5,244,812, a decline of 20 percent in quantity and 9 percent in value from the output of 8,142,667 ounces valued at $5,790,341 in 1945. Nevertheless, the State remained the largest producer of silver in the United States—a place it has held since 1933. The loss in 1946 resulted mainly from a decline in output of zinc-lead-silver ore from mines in the Coeur d'Alene region and to the after effects of a fire in December 1945 in the Sunshine mine, also in the Coeur d'Alene region. Large decreases in silver output were reported by the Sunshine Mining Co., Bunker Hill & Sullivan Mining & Concentrating Co., Federal Mining & Smelting Co. (Morning mine), operators of the Osburn tailing plant, Sherman Lead Co., Monitor Mining Co., Triumph Mining Co., Clayton Silver Mines, Tamarack & Custer Consolidated Mining Co., and Sullivan Mining Co. (Star mine); however, a marked increase was made at the Page mine of the Federal Mining & Smelting Co. and at the Yellow Pine mine of the Bradley Mining Co. Of the State total silver, zinc-lead ore and tailings yielded 53 percent, silver ore 40 percent, lead ore 4 percent; and gold ore, old slag, and lead-copper ore nearly all the remainder. The recovery of silver from silver ore decreased 970,800 ounces, and from zinc-lead ore 534,159 ounces, but the quantity from gold ore was more than double that in 1945.

The Coeur d'Alene region produced 87 percent of the State total silver in 1946; the remainder came largely from the Warm Springs, Bayhorse, Deadwood Basin, Yellow Pine, and Blue Wing districts.

Ten mines—the Sunshine, Polaris, Bunker Hill & Sullivan, Silver Dollar, Osburn tailing plant, Triumph, Page, Morning, Star, and Sweeny tailing dump—produced 75 percent of the State silver in 1946. All but the Triumph are in the Coeur d'Alene region.

The total production of silver in Idaho, in terms of recovered metal, from 1863 through 1946 has been 520,485,412 ounces valued at $359,031,993.

MONTANA

Montana lodes in 1946 yielded 42,521 fine ounces of gold and placers 27,986 fine ounces—a total of 70,507 ounces valued at $2,467,740—according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. Compared with 1945, this represents an increase of 199 percent from placers and 22 percent from lodes, or an over-all rise of 58 percent. This improvement in the industry, which brought State gold output in 1946 to the highest figure since 1942, resulted largely from the resumption of a number of dredge operations as well as from increased activity in lode gold mining.

Of Montana's total gold in 1946, 39 percent was derived from siliceous gold and silver ores (45 percent in 1945), 21 percent from base-metal ores (33 percent in 1945), and 40 percent from placers (22 percent in 1945). Ores concentrated yielded 20 percent of the State total gold; ores shipped to smelters nearly 17 percent; and ores treated at amalgamation and cyanidation mills (with or without concentrating equipment) almost 24 percent.

The leading gold producers in Montana in 1946 were the Jardine Mining Co. (gold ore) at Jardine; Winston Bros. (placer) in Jefferson County; Porter Bros. (placer) at Helena; McLaren Gold Mines (copper ore) in Park County; Anaconda Copper Mining Co. (copper ore and waste materials) at Butte and Anaconda; the Golden Sunlight mine (gold ore) near Whitehall; the Drumlummon mine (gold ore) at Marysville; H. & H. Mines (placer) in Granite County; Emigrant Dredging Co. (placer) in Park County; and the U. S. Grant mine (gold-silver ore) near Virginia City. These 10 producers furnished nearly 75 percent of the State total gold.

The total production of gold in Montana, in terms of recovered metal, from 1862 through 1946 has been 17,052,121 ounces valued at $381,277,447.

The output of recoverable silver in Montana in 1946 was 3,273,140 fine ounces valued at $2,644,697, which represents a decline of 2,668,930 ounces (45 percent) from the yield of 5,942,070 ounces in 1945. Most of the loss resulted from a decrease of 53 percent in the output of byproduct silver from the copper-producing operations of the Anaconda Copper Mining Co. at Butte and Anaconda.

Copper ore and tailings furnished 64 percent of the State total silver in 1946; zinc-lead ore, 21 percent; siliceous gold and silver ores, 14 percent; and lead ore and zinc ore, 1 percent. Ore treated at concentrating mills yielded 84 percent of the total silver, and smelting ore, 15 percent; old slag fumed, ores amalgamated or cyanided, and placers were minor sources.

The Anaconda Copper Mining Co., from its copper mines, mine and tailings dumps, slime ponds, zinc mines, and the North Butte and Flathead mines, supplied 67 percent of the State total silver in 1946, compared with 77 percent in 1945. Other leading silver producers were the U. S. Grant, the Emma & Ophir, and the Mike Horse mines.

The total production of silver in Montana, in terms of recovered metal, from 1862 through 1946 has been 749,149,823 ounces valued at $547,076,052.

NEVADA

Gold production in Nevada in 1946 was 2 percent below the total for 1945 and the lowest in quantity since 1895, whereas the output of silver was up 20 percent, according to Alfred L. Ransome, of the United States Department of the Interior, Bureau of Mines. A principal factor in the reduced gold output was the lower copper production in 1946; nevertheless nearly 50 percent of the total gold was derived from copper ore. The increase in silver production largely was due to increased prices not only for silver, but indirectly for lead and zinc; base-metal ores, other than copper ore, accounted for more than one-half the silver recovered in 1946.

The output of gold from Nevada ores, old tailings, and gravels in 1946 was 90,680 fine ounces valued at $3,173,800, compared with 92,265

ounces valued at $3,229,275 in 1945. Production of silver in 1946 was 1,250,651 fine ounces valued at $1,010,526, compared with 1,043,380 ounces valued at $741,959 in 1945.

Gold was recovered from the following sources: Copper ore, 48 percent; dry gold ore, 30 percent; placer gravel, 16 percent; zinc-lead ore, 4 percent; dry gold-silver ore, 1 percent; and all other ores, 1 percent. Metallurgical data show that 61 percent of the State lode gold was recovered by the smelting of concentrates, nearly 27 percent by cyaniding of ore and old tailings, 10 percent by the direct smelting of ore and old tailings, and a little more than 2 percent by amalgamation of ore.

The principal Nevada gold mines in 1946, listed by operating companies and in order of output were Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); Willow Creek Mines, Inc. and Consolidated Goldacres Co., Lander County (gold ore); Consolidated Chollar, Gould & Savage Mining Co., Storey County (gold ore); Copper Canyon Mining Co., Lander County (copper ore); Combined Metals Reduction Co. and Raymond Ely West Mining Co., Lincoln County (zinc-lead ore); Standard Cyaniding Co., Pershing County (gold ore); Gilded Age Mining Co., White Pine County (gold ore); and lessees of the Tonopah Divide Mining Co., Esmeralda County (gold ore).

Nevada lode silver was recovered from the following sources in 1946: Zinc-lead ore, 40 percent; copper ore, 23 percent; lead ore, 16 percent; dry gold ore and dry gold-silver ore, 7 percent each; dry silver ore, 5 percent; and zinc ore, 1 percent. Placer gravels washed primarily for gold yielded a small quantity of silver. Smelting of concentrates accounted for nearly 54 percent of the lode silver produced in Nevada in 1946, a little more than 40 percent recovered by direct smelting of ore and old tailings, and close to 6 percent came from cyanidation of ore and old tailings. A negligible quantity of silver was recovered by the amalgamation of ore.

The principal silver mines in Nevada in 1945, listed by operating companies and in order of output, were Combined Metals Reduction Co. and Raymond Ely West Mining Co., Lincoln County (zinc-lead ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Bristol Silver Mines Co., Lincoln County (copper ore); McFarland & Hullinger, Elko County (lead ore); lessees of the Tonopah Mining Co., of Nevada, Nye County (gold-silver ore); Prince Consolidated Mining Co., Lincoln County (zinc-lead and gold-silver ores); Copper Canyon Mining Co., Lander County (copper ore); Consolidated Chollar, Gould & Savage Mining Co., Storey County (gold ore); Consolidated Coppermines Corp., White Pine County (copper ore); and Callahan Zinc-Lead Co., Eureka County (zinc-lead ore).

NEW MEXICO

The New Mexico mine production of recovered gold was 4,009 fine ounces valued at $140,315 in 1946, a decrease of 28 percent from 1945, according to S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. Production of recovered silver was 338,000

fine ounces valued at $273,104, a decrease of 27 percent in quantity and 17 percent in value from 1945.

The decreased output of gold can be attributed to the suspension of operations from June to November by the Exploration Syndicate, Inc., at the Carlisle group of mines and the loss of about 3 months' production because of a labor strike at the American Smelting & Refining Co. Hanover Unit. Moreover, high labor and material costs hampered the reopening of gold mines. The principal gold-producing districts in 1946 were: Lordsburg, Hidalgo County, which produced 39 percent of the State total; Central, Grant County, 30 percent; Steeple Rock, Grant County, 10 percent; Mogollon, Catron County, 8 percent; and Pinos Altos, Grant County, 7 percent. Copper ore yielded 39 percent of the State total gold, dry and siliceous ores 34 percent, zinc ore 19 percent, and lead and zinc-lead ores and placers 8 percent.

Decreases in the production of silver in New Mexico can be attributed to the cessation in 1945 of operations of the Peerless mine, Grant County, and Tom mine group and Crosby mine, Hidalgo County; and to decreased production in 1946 from the Ground Hog Unit of the American Smelting & Refining Co., Hobo mine of the Black Hawk Consolidated Mines Co., Carlisle mine of the Exploration Syndicate, Inc.—all in Grant County—and the Bearup mine of the Silver Creek Mining Co., Catron County. The principal silver-producing districts in 1946 were: Central, Grant County, which produced 39 percent of the State total; Lordsburg, Hidalgo County, 30 percent; and Magdalena, Socorro County, 21 percent. Zinc ore yielded 41 percent of the State total silver output, copper ore 30 percent, zinc-lead ore 19 percent, dry and siliceous ores 9 percent, and lead ore 1 percent.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1946 has been 2,182,835 fine ounces of gold valued at $49,733,418 and 67,754,731 fine ounces of silver valued at $52,945,198.

OREGON

Oregon gold production in 1946 increased 294 percent above the 1945 output, largely due to dredging operations, but the total recovered was only 16 percent of the all-time record set in 1940, according to Alfred L. Ransome, of the United States Department of the Interior, Bureau of Mines. Silver production decreased 34 percent compared with 1945.

The production of gold from Oregon ores and gravels in 1946 was 17,598 fine ounces, valued at $615,930, compared with 4,467 ounces valued at $156,345 in 1945. Placer mines produced 94 percent of the gold, and of the placer gold 84 percent was recovered by connected-bucket dredges, 12 percent by dragline dredges, 2 percent by hydraulicking, and 2 percent by all other methods. Lode mines produced 6 percent of the total gold; all lode gold was derived from dry and siliceous ores, most of which were valued principally for gold. Metallurgical data show that 67 percent of the total lode gold was recovered from the direct smelting of ore, 19 percent was as bullion from the amalgamation of ore, and 14 percent as bullion from the cyanidation of ore; no gold was recovered from flotation concentrate in 1946. The leading Oregon gold (and silver) produced in 1946

was the Sumpter Valley Dredging Co. (connected-bucket dredge), Sumpter dstrict, Baker County.

Oregon ores and gravels in 1946 yielded 6,927 ounces of silver, valued at $5,597, compared with 10,461 ounces, valued at $7,439 in 1945, a decrease of 34 percent in quantity and 25 percent in value. Of the State total, Baker County yielded nearly half, principally from gold dredging operations; dry gold ore was the principal source of lode silver and direct smelting the principal method of recovery.

SOUTH DAKOTA

The output in 1946 of gold and silver from lode gold mining, the principal source of mineral revenue in South Dakota, was valued at $10,998,861 in 1946, according to S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. The production (in terms of recovered metals) was 312,247 fine ounces of gold valued at $10,928,645 and 86,901 fine ounces of silver valued at $70,216.

During 1946, five lode-gold mines were operated in the State, two continuously and three intermittently. No production from placer operations was reported.

The Homestake mine at Lead supplied 95 percent of the total value of the metals produced in the State. The mine was operated throughout the year at about half capacity, due chiefly to a shortage of underground workers. According to the Homestake Mining Co. annual report, 792,994 tons of ore were mined during the year and bullion with a value of $10,458,896.22 was produced. The Bald Mountain Mining Co. operated its mine at Trojan throughout 1946 and treated an average of 214 tons of ore per day. Production from this property was 13,739 fine ounces of gold and 33,109 fine ounces of silver valued at $507,617.

The total production of gold and silver, in terms of recovered metals, in South Dakota from 1876 through 1946 has been 21,046,301 fine ounces of gold valued at $518,217,744 and 9,688,009 fine ounces of silver valued at $6,900,058.

TEXAS

In terms of recovered metals, Texas mines in 1946 produced 9 fine ounces of gold valued at $315 and 42,922 fine ounces of silver valued at $34,681, according to S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. This production was from five mines, three in Hudspeth County and two in Presidio County.

The Presidio mine, in Presidio County, operated by a lessee, accounted for 96 percent of the silver production of the State. The bulk of the gold production was from the Carr mine, also in Presidio County. The total production of gold and silver, in terms of recovered metals, from 1885 through 1946 has been 8,290 fine ounces of gold valued at $224,095 and 33,268,363 fine ounces of silver valued at $23,415,061.

UTAH

The mine production of gold in Utah in 1946 was 178,533 fine ounces (178,526 ounces from lodes and 7 ounces from placers), valued at $6,248,655, according to C. E. Needham and Paul Luff of the United

States Department of the Interior, Bureau of Mines. This represents a decline of 101,446 ounces, or 36 percent, from the output of 279,979 ounces in 1945. Copper ore continued to be the chief source of gold, supplying 75 percent of the State output; zinc-lead ore followed with 13 percent, and siliceous ore furnished most of the remainder. One placer was active in 1946.

The West Mountain (Bingham) district remained the leading State gold district in 1946, producing 79 percent of the State output. However, production was only 57 percent of that in 1945, mainly because of severe decreases at the Utah Copper mine and the United States & Lark group. The Tintic district, second in production, gained 22 percent in gold output, mainly as a result of a marked increase in output from the Tintic Bullion mine. The Park City region again was in third place and recorded an increase of 23 percent over 1945 output.

The Utah Copper mine was the leading State gold producer in 1946, followed in order by the New Park Mining Co. property (zinc-lead ore) in the Park City region, the Tintic Bullion mine (gold ore) in the Tintic district, the United States & Lark group (principally zinc-lead ore) and the National Tunnel & Mines Co. property (mainly copper ore) in the West Mountain (Bingham) district, the Calumet mine (zinc-lead ore) in the Rush Valley district, the Butterfield property (zinc-lead ore) in the West Mountain (Bingham) district, and the Tintic Standard mine (lead ore and siliceous ore) in the Tintic district. These eight properties produced 96 percent of the State gold in 1946.

The total production of gold in Utah, in terms of recovered metal, from 1864 through 1946 has been 10,642,978 ounces valued at $272,729,270.

The mine output of silver in Utah in 1946 was 4,118,453 fine ounces valued at $3,327,710, which represents a decline of 1,988,092 ounces, or nearly 33 percent, from the 1945 output of 6,106,545 ounces. Zinc-lead ore, zinc ore, lead ore, and lead-copper ore together contributed over 59 percent of the State total silver in 1946, copper ore 30 percent, and siliceous gold and silver ores 9 percent; the remainder came from old slag fumed.

The West Mountain (Bingham) district supplied 49 percent of the State silver in 1946, but production dropped from 3,628,229 ounces in 1945 to 2,030,182 ounces in 1946. The Park City region ranked second; yield dropped 2 percent from 1,033,830 ounces in 1945 to 1,009,422 ounces in 1946. In the Tintic district, the third leading silver-producing area in the State, output declined 43 percent from 1,086,435 ounces in 1945 to 619,724 ounces in 1946.

The Utah Copper mine remained well in the lead among State silver producers in 1946, followed by the United States & Lark group, the properties of the New Park Mining Co., Chief Consolidated Mining Co., Park Utah Consolidated Mines Co., Silver King Coalition Mines Co., and the Calumet mine. From these seven properties came 82 percent of the State silver.

The total production of silver in Utah, in terms of recovered metal, from 1864 through 1946 has been 719,172,519 ounces valued at $524,085,762.

WASHINGTON

The mine output of gold in Washington in 1946 was 51,168 fine ounces (57,860 ounces in 1945) valued at $1,790,880, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. Lode mines produced 51,067 ounces ($1,787,345) and placer mines 101 ounces ($3,535).

The 12-percent decrease in the State yield of recoverable gold, compared with 1945, resulted in large part from a reduced output of gold from the Holden property of the Howe Sound Co. in Chelan County; the mine, however, remained the State's leading gold producer by a wide margin. The Knob Hill mine in Ferry County was the only other important producer; gold output from this property was 7 percent greater than in 1945. These two properties supplied over 96 percent of the State total gold in 1946. Placer mining was much more active in 1946 than in 1945; the quantity of gravel washed was 90 times greater than in 1945, but the quantity of gold recovered was only a little more than seven times greater. Over 63 percent of the State total gold was derived from zinc-copper ore, and nearly all the remainder came from siliceous gold ore.

The total producton of gold in Washington, in terms of recovered metal, from 1860 through 1946 has been 2,178,670 ounces valued at $55,008,773.

The mine output of silver in Washington in 1946 was 264,453 fine ounces valued at $213,678, a decline of 6 percent in quantity from the 281,444 ounces produced in 1945. Silver production in the State in 1946 remained entirely a byproduct of gold and base-metal ores. Again, the two leading silver producers were the Holden and Knob Hill mines, but in 1946 their positions were reversed, Knob Hill leading by a small margin. Neither company in 1946 maintained its 1945 level of silver output. The Kaaba mine in Okanogan County ranked third and increased its silver yield over 50 percent compared with 1945 output. These three properties furnished 86 percent of the State silver in 1946. Gold ore contributed nearly 40 percent of the State silver in 1946, zinc-copper ore 35 percent, zinc-lead ore 20 percent, lead ore 5 percent, and zinc ore, copper ore, and placers together less than 0.5 percent.

The total production of silver in Washington, in terms of recovered metal, from 1860 through 1946 has been 12,829,873 ounces valued at $9,109,513.

WYOMING

Wyoming mines produced (in terms of recovered metals) 105 fine ounces of gold valued at $3,675 and 26 fine ounces of silver valued at $21 in 1946, according to S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. The operations at one lode mine and two placer mines in Albany County and two lode mines in Fremont County accounted for the production.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1946 has been 78,041 fine ounces of gold valued at $1,839,763 and 74,692 fine ounces of silver valued at $51,797.

Distribution of gold and silver production of the United States, in fine ounces, for 1946, by sources of production (table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating connected bucket dredges	All other			
Alabama			1			
Alaska	6,073	148,834	71,874	34,797	6,996	
Arizona	78,626		398	166,106	1,338,101	1,764,558
California	87,052	244,679	25,093	97,529	1,228,386	16,736
Colorado	122,441	10,691	9,481	1,294,421	909,444	36,286
Georgia			21			
Idaho	22,852	17,448	2,675	2,726,184	3,763,834	1,086
Illinois					[3] 2,362	
Michigan						
Missouri						
Montana	42,521	21,609	6,377	458,284	69,401	
Nevada	75,894	13,091	1,695	248,691	732,535	2,082,321
New Mexico	3,999		10	29,826	712,259	289,701
New York					207,856	100,318
Oregon	1,096	13,793	2,709	6,870	15,786	
Pennsylvania	[4] 1,150					57
South Dakota	312,247					[4] 7,887
Tennessee	95			86,901		
Texas	9					18,016
Utah	178,526		7	41,300	1,604	18
Vermont	165			385,747	2,495,646	1,237,060
Washington	51,067					35,275
Wyoming	88		101	103,390	160,714	349
			17	16		10
Total	983,901	470,145	120,459	5,680,062	11,644,864	5,589,678

[1] Contains small quantity of silver from placer mines (78,250 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper and zinc-lead-copper ores.
[3] Includes silver from galena concentrates, a byproduct of fluorspar mining.
[4] From copper concentrates from magnetite-pyrite-chalcopyrite ores.

Silver legislation

Legislation pertaining to silver which was enacted during the calendar year 1946 is given herewith. Silver deposits at the mints and assay offices under this act were made at $0.905 per fine ounce, and silver sales were made at $0.91 per fine ounce.

[PUBLIC LAW 579—79TH CONGRESS]

[CHAPTER 718—2D SESSION]

[H. R. 4590]

AN ACT

To authorize the use by industry of silver held or owned by the United States, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter the Secretary of the Treasury is authorized to sell or lease for manufacturing uses, including manufacturing uses incident to reconversion and the building up of employment in industry, upon such terms as the Secretary of the Treasury shall deem advisable, to any person, partnership, association, or corporation, or any department of the Government, any silver held or owned by the United States at not less than 90.5 cents per fine troy ounce: *Provided*, That at all times

the ownership and the possession or control within the United States of an amount of silver of a monetary value equal to the face amount of all outstanding silver certificates heretofore or hereafter issued by the Secretary of the Treasury shall be maintained by the Treasury: *Provided further*, That hereafter each United States coinage mint shall receive for coinage silver mined after July 1, 1946, from natural deposits in the United States or any place subject to the jurisdiction thereof, as provided in the Act of July 6, 1939 (Public Law 165, Seventy-sixth Congress), and tendered to such mint within one year after the month in which the ore from which it is derived was mined, except that the seigniorage to be deducted shall be 30 per centum instead of 45 per centum as provided in section 4 (b) of said Act.

Approved July 31, 1946.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use and general disappearance; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, those withdrawn for recoinage, and general disappearance. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage

but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1947

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,619	3,602	1,258	3,445	1,017	10,941
Transfers	115					115
Intermint transfers	24	26		2	1	53
Trust deposits	14					14
Total	1,772	3,628	1,258	3,447	1,018	11,123
Deposit assay determinations:						
Purchases	2,322	4,652	1,632	6,815	1,342	16,763
Transfers	1,773					1,773
Intermint transfers		627		179	1	807
Trust deposits	507					507
Total	4,602	5,279	1,632	6,994	1,343	19,850

Number of gold and silver deposit transactions and assay determinations during the calendar year 1946

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,445	3,098	1,041	3,266	937	9,787
Transfers	101					101
Intermint transfers	24	15		2		41
Trust deposits	15					15
Total	1,585	3,113	1,041	3,268	937	9,944
Deposit assay determinations:						
Purchases	1,801	3,755	1,366	5,714	1,271	13,907
Transfers	102					102
Intermint transfers		451		209		660
Trust deposits	493					493
Total	2,396	4,206	1,366	5,923	1,271	15,162

Deposits and purchases of gold during the fiscal year ended June 30, 1947

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—Mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	231,110.890		6,654.786	209.659	583.607	223,662.838
Arizona	2,485.554		2,460.912	24.642		
California	351,834.661		351,823.881	5.518		5.262
Colorado	95,828.300	1.932		95,826.368		
Georgia	26.661	26.661				
Idaho	21,754.677		3,190.173	5,384.190		13,180.314
Montana	43,831.401			27,886.318		15,945.083
Nevada	28,117.850		21,032.594			7,085.256
New Mexico	118.564			118.564		
Oregon	13,660.618		1,773.438	134.282		11,752.898
South Dakota	14,935.121			14,935.121		
Utah	18.253			18.253		
Washington	5,436.611		7.397			5,429.214
Wyoming	471.114			471.114		
Total newly mined unrefined	809,630.275	28.593	386,943.181	145,014.029	583.607	277,060.865
Newly mined—Domestic refinery product:						
Refinery bullion (less than 0.995 fine)	3,449.714			949.299		2,500.415
Refined bars (0.995 fine and over)	467,135.844		32,953.695	359,210.507	74,971.642	
Total newly mined refined	470,585.558		32,953.695	360,159.806	74,971.642	2,500.415
Total newly mined domestic	1,280,215.833	28.593	419,896.876	505,173.835	75,555.249	279,561.280
Other domestic:						
Secondary	163,341.953	45,744.067	12,339.556	19,293.868	83,770.733	2,193.729
Domestic coin:						
Purchased	87.768	65.515	7.217	6.225	3.649	5.157
Transferred from Treasury and Federal Reserve banks	5,047.716	2,145.822	1,091.938	1,809.956		
Total other domestic	168,477.432	47,955.404	13,438.711	21,110.049	83,774.382	2,198.886
Total domestic	1,448,693.265	47,983.997	433,335.587	526,283.884	159,329.631	281,760.166
Imports:						
Bullion unrefined	[1] 2,400,481.103		[1] 97,500.133		2,302,975.903	5.067
Bullion refined	25,200,022.794				25,200,022.794	
Secondary	17.040	7.376			9.664	
Foreign coin	61,392.196	25.247	4.194	26.326	61,336.429	
Total imports	[1] 27,661,913.133	32.623	[1] 97,504.327	26.326	27,564,344.790	5.067

[1] Includes delayed item of 6,888.391 fine ounces.

Deposits and purchases of gold during the fiscal year ended June 30, 1947—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
Recoveries:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Grains Receiving Division	131.357	27.208	46.197	26.209	12.918	18.825
Operative recoveries	450.741	131.305	2.489		274.968	41.979
Total recoveries	582.098	158.513	48.686	26.209	287.886	60.804
Total primary receipts	29,111,188.496	48,175.133	530,888.600	526,336.419	27,723,962.307	281,826.037
REDEPOSITS						
By Treasury and Federal Reserve banks	14,842,508.068				14,842,508.068	
Total acquisitions	43,953,696.564	48,175.133	530,888.600	526,336.419	42,566,470.375	281,826.037
INTERMINT TRANSFERS						
Unrefined bars	373,478.147		293,249.610		80,228.537	
Ingots	58,640.494	58,640.494				
Proof bullion	160.000		100.000	50.000		10.000
Total intermint transfers	432,278.641	58,640.494	293,349.610	50.000	80,228.537	10.000
Grand total fine ounces	44,385,975.205	106,815.627	824,238.210	526,386.419	42,646,698.912	281,836.037
VALUE						
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	2,774.05	1,561.17	338.42	261.95	369.68	242.83
Increment to $35 per ounce	1,922.89	1,082.14	234.63	181.56	256.25	168.31
Purchases at $35 per ounce	1,538,198,014.59	1,608,383.05	18,542,310.45	18,357,982.40	1,489,825,839.98	9,863,498.71
Domestic coin transferred (melted)	176,670.02	75,103.73	38,217.83	63,348.46		
Intermint transfers	15,129,752.48	2,052,417.29	10,267,236.39	1,750.00	2,807,998.80	350.00
Total value at $35 per ounce	1,553,509,134.03	3,738,547.38	28,848,337.72	18,423,524.37	1,492,634,464.71	9,864,259.85

Deposits and purchases of silver during the fiscal year ended June 30, 1947

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
Domestic:						
Newly mined—Mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	35,457.54		1,391.41	45.38		34,020.75
Arizona	13,128.01		13,125.41	2.60		
California	52,038.20		52,036.74	.90		.56
Colorado	18,604.96	0.70		18,604.26		
Georgia	2.26	2.26				
Idaho	7,298.97		1,805.70	1,070.24		4,423.03
Montana	15,153.80			11,685.38		3,468.42
Nevada	98,341.74		95,535.74			2,806.00
New Mexico	12.05			12.05		
Oregon	3,462.46		248.00	22.89		3,191.57
South Dakota	32,903.17			32,903.17		
Utah	3.69			3.69		
Washington	26,259.36		2.47			26,256.89
Wyoming	27.22			27.22		
Total newly mined unrefined	302,693.43	2.96	164,145.47	64,377.78		74,167.22
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	5,476,857.09	5,408,531.94		68,279.10		46.05
Refined bars (0.996 fine and over)	12,611,247.91		12,311,362.14		299,885.77	
Total newly mined refined	18,088,105.00	5,408,531.94	12,311,362.14	68,279.10	299,885.77	46.05
Total newly mined	18,390,798.43	5,408,534.90	12,475,507.61	132,656.88	299,885.77	74,213.27
Other domestic:						
Secondary	639,540.11	168,395.98	262,362.22	7,013.74	200,580.41	1,187.76
Domestic coin:						
Purchased	7,786.32	4,232.94	1,861.25	1,452.05	240.08	
Transferred from Treasury and Federal Reserve banks	1,214,392.15	917,837.23	137,140.47	159,414.45		
Uncurrent silver dollars melted	49,917.06			49,917.06		
Total other domestic	1,911,635.64	1,090,466.15	401,363.94	217,797.30	200,820.49	1,187.76
Total domestic	20,302,434.07	6,499,001.05	12,876,871.55	350,454.18	500,706.26	75,401.03
Imports:						
Bullion unrefined	[1] 296,394.41	1,10	[1] 265,586.92		30,805.94	.45
Bullion refined (from domestic refineries)	35,362.60				35,362.60	
Secondary	3.28				3.28	
Foreign coin	51.91	.03	51.88			
Total imports	[1] 331,812.20	1.13	[1] 265,638.80		66,171.82	.45

[1] Includes delayed item of 4,081.17 fine ounces.

Deposits and purchases of silver during the fiscal year ended June 30, 1947—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
Recoveries:						
Grains Receiving Division	*Fine ounces* 167.42	*Fine ounces* 69.16	*Fine ounces* 46.40	*Fine ounces* 37.71	*Fine ounces* 7.12	*Fine ounces* 7.03
Operative recoveries	57,543.21	11,195.30	34,151.81	11,260.93	729.30	205.87
Total recoveries	57,710.63	11,264.46	34,198.21	11,298.64	736.42	212.90
Total primary receipts	20,691,956.90	6,510,266.64	13,176,708.56	361,752.82	567,614.50	75,614.38
REDEPOSITS						
By Office of Defense Plants of RFC, etc	65,243,410.74	7,450,216.69		24,837,242.62	32,955,951.43	
Total acquisitions	85,935,367.64	13,960,483.33	13,176,708.56	25,198,995.44	33,523,565.93	75,614.38
INTERMINT TRANSFERS						
Unrefined bars	285,658.87		88,373.74		197,285.13	
Proof bullion	300.00		50.00	150.00	100.00	
Assay coin	1,575.76	1,575.76				
Coinage ingots	7,442,881.09	7,442,881.09				
Total intermint transfers	7,730,415.72	7,444,456.85	88,423.74	150.00	197,385.13	
DEPOSITED IN TRUST						
Imported bullion	264,735.30	264,735.30				
Bullion from domestic refineries	5,136,186.47	5,136,186.47				
Total deposited in trust	5,400,921.77	5,400,921.77				
Grand total fine ounces	99,066,705.13	26,805,861.95	13,265,132.30	25,199,145.44	33,720,951.06	75,614.38
VALUE						
Cost of acquisitions	*Dollars* 75,066,109.85	*Dollars* 8,479,972.44	*Dollars* 11,717,103.28	*Dollars* 11,716,514.19	*Dollars* 43,087,632.86	*Dollars* 64,887.08
Cost of bullion transferred	3,671,409.38	3,475,522.88	73,259.99	101.38	122,525.13	
Subsidiary coining value of transferred domestic coin	1,678,786.45	1,268,826.31	189,584.20	220,375.94		
Subsidiary coining value of melted uncurrent dollars	69,005.79			69,005.79		
Monetary value ($1.29+ per fine ounce) of bullion transferred	9,994,880.92	9,625,156.32	114,325.64	193.94	255,205.02	
Monetary value ($1.29+ per fine ounce) of silver acquired	109,473,691.63	16,863,219.19	16,859,239.54	32,309,868.49	43,343,600.36	97,704.05

Deposits of foreign gold bullion and coin during the fiscal year 1947

Country	Crude bullion	Refined bullion	Coin	Total	Total value
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	2,432.638	5,110,890.449		5,113,323.087	$178,966,308.05
Mexico	5,635.033	796,595.491	25.657	802,256.181	28,078,966.34
Central America:					
Costa Rica	1,215.058			1,215.058	42,527.03
El Salvador	19,856.341			19,856.341	694,971.94
Honduras	852.600			852.600	29,841.00
Nicaragua	3,372.401			3,372.401	118,034.04
South America:					
British Guiana	2,498.635			2,498.635	87,452.23
Chile	156,057.914			156,057.914	5,462,026.64
Colombia	190,358.934			190,358.934	6,662,562.69
Ecuador	47.103			47.103	1,648.61
French Guiana	11,272.352			11,272.352	394,532.32
Peru	38,717.822			38,717.822	1,355,123.77
Europe:					
Belgium	339,906.163	1,486,643.397		1,826,549.560	63,929,234.60
Czechoslovakia	30.906		7.891	38.797	1,357.90
France	717,617.910	1,441,263.077	.045	2,158,881.032	75,560,836.12
Great Britain	275.103		.233	275.336	9,636.76
Italy			61,315.516	61,315.516	2,146,043.06
Netherlands	429,908.571	3,435,536.957	5.245	3,865,450.773	135,290,777.06
Norway	64,195.443	338,733,546		402,928.989	14,102,514.62
Poland		53,211.948		53,211.948	1,862,418.18
Portugal	160,435.264	391,134.414		551,569.678	19,304,938.73
Russia		674,484.843		674,484.843	23,606,969.51
Sweden	115,426.633	3,321,257.086		3,436,683.719	120,283,930.17
Turkey	64,495.131	64,372.915		128,868.046	4,510,381.61
Africa:					
Ethiopia	1,636.879			1,636.879	57,290.77
Portuguese West Africa	9.303			9.303	325.61
Union of South Africa		8,035,767.393		8,035,767.393	281,251,858.76
Asia:					
Iran		50,131.278		50,131.278	1,754,594.73
Oceania:					
Fiji Islands	64,570.866			64,570.866	2,259,980.31
Java	2.978			2.978	104.23
Philippines	2,764.731			2,764.731	96,765.59
Unallocated			37.609	37.609	1,316.32
Total	2,393,592.712	25,200,022.794	61,392.196	[1] 27,655,024.742	967,925,865.70

[1] Includes 17.040 fine ounces of secondary gold.

Deposits of foreign silver bullion and coin during the fiscal year 1947 [1]

Country	Total, fine ounces	Country	Total, fine ounces
North America:		Europe—Continued	
Mexico	[2] 16,755.95	Switzerland	[4] 2.58
Central America:		Turkey	1.55
Costa Rica	491.23	Africa:	
El Salvador	240,057.27	British West Africa	1.08
Honduras	[3] 220.69	Ethiopia	166.72
Nicaragua	2,388.66	Lebanon	[4] .04
South America:		Oceania:	
British Guiana	107.51	Fiji Islands	17,233.02
Chile	19,869.92	Java	.25
Ecuador	5.82	Philippines	7,438.24
French Guiana	659.15	Unallocated	[5] 20,415.13
Peru	5,996.73		
Europe:		Total	331,812.20
Hungary	[4] .66		

[1] All crude bullion except as indicated in footnotes following.
[2] Includes 14,999.38 ounces of refined bullion.
[3] Includes 1.10 ounces of secondary.
[4] Secondary.
[5] Includes 20,363.22 ounces of refined bullion and 51.91 ounces of mixed foreign coin.

Deposits and purchases of gold during the calendar year 1946

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alabama	0.956	0.956				
Alaska	192,045.032		6,550.677	179.352	541.328	184,773.675
Arizona	1,211.591		1,171.279	40.312		
California	312,823.743		312,823.743			
Colorado	81,404.507	1.932		81,402.575		
Georgia	20.939	20.939				
Idaho	21,975.516		2,730.632	4,659.612		14,585.272
Montana	41,444.553			25,638.894		15,805.659
Nevada	29,687.362		16,119.609			13,567.753
New Mexico	111.849			111.849		
Oregon	15,249.628		2,861.635	134.282		12,253.711
South Dakota	13,458.278			13,458.278		
Utah	18.253			18.253		
Washington	11,609.416		7.397	3.704		11,598.315
Wyoming	22.165			22.165		
Total newly mined unrefined	721,083.788	23.827	342,264.972	125,669.276	541.328	252,584.385
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)	72,676.866			70,824.938		1,851.928
Refined bars (0.995 fine and over)	272,016.822			223,344.285	48,672.537	
Total newly mined refined	344,693.688			294,169.223	48,672.537	1,851.928
Total newly mined domestic	1,065,777.476	23.827	342,264.972	419,838.499	49,213.865	254,436.313
Other domestic:						
Secondary	153,400.165	42,287.335	10,269.699	16,164.218	82,891.145	1,787.768
Domestic coin:						
Purchased	83.252	18.065	7.523	30.181	20.382	7.101
Transferred from Treasury and Federal Reserve banks	8,030.695	2,466.732		5,563.963		
Total other domestic	161,514.112	44,772.132	10,277.222	21,758.362	82,911.527	1,794.869
Total domestic	1,227,291.588	44,795.959	352,542.194	441,596.861	132,125.392	256,231.182
Imports:						
Bullion unrefined	[1] 1,595,615.696	351.259	[1] 107,656.995		1,487,601.034	6.408
Bullion refined	8,591,792.714				8,591,792.714	
Secondary	17.040	7.376			9.664	
Foreign coin	6,795,089.236	49.652	2.032	9.545	6,795,026.956	1.051
Total imports	[1] 16,982,514.686	408.287	[1] 107,659.027	9.545	16,874,430.368	7.459

Recoveries:						
Grains Receiving Division	131.170	30.247	34.778	11.403	33.472	21.270
Operative recoveries	925.438	131.305	2.489		736.044	55.600
Total recoveries	1,056.608	161.552	37.267	11.403	769.516	76.870
Total primary receipts (total acquisitions)	18,210,862.882	45,365.798	460,238.488	441,617.809	17,007,325.276	256,315.511
INTERMINT TRANSFERS						
Unrefined bars	238,740.535		186,983.583		51,756.952	
Ingots	58,640.494	58,640.494				
Proof bullion	100.000		50.000	50.000		
Total intermint transfers	297,481.029	58,640.494	187,033.583	50.000	51,756.952	
Grand total fine ounces	18,508,343.911	104,006.292	647,272.071	441,667.809	17,059,082.228	256,315.511
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	3,272.62	1,289.63	255.61	804.39	618.24	304.75
Increment to $35 per ounce	2,268.43	893.91	177.23	557.54	428.52	211.23
Purchases at $35 per ounce	637,093,587.64	1,499,284.37	16,107,914.27	15,260,522.56	595,255,341.22	8,970,525.22
Domestic coin transferred (melted)	281,074.33	86,335.62		194,738.71		
Intermint transfers	10,411,836.04	2,052,417.29	6,546,175.42	1,750.00	1,811,493.33	
Total value at $35 per ounce	647,792,039.06	3,640,220.82	22,654,522.53	15,458,373.20	597,067,881.31	8,971,041.20

[1]Includes delayed item of 16,967.966 fine ounces.

Deposits and purchases of silver during the calendar year 1946

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
Domestic:						
Newly mined—Mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alabama	0.10	0.10				
Alaska	29,173.99		1,378.82	42.03		27,753.14
Arizona	5,997.48		5,992.06	5.42		
California	41,759.16		41,759.16			
Colorado	17,856.40	.70		17,855.70		
Georgia	.45	.45				
Idaho	7,864.57		1,594.78	1,095.80		5,173.99
Montana	12,234.68			9,011.41		3,223.27
Nevada	76,466.77		70,971.74			5,495.03
New Mexico	11.13			11.13		
Oregon	3,629.05		344.37	22.89		3,261.79
South Dakota	34,141.29			34,141.29		
Utah	3.69			3.69		
Washington	54,469.97		2.47	.65		54,466.85
Wyoming	3.19			3.19		
Total newly mined unrefined	283,611.92	1.25	122,043.40	62,193.20		99,374.07
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	1,701,968.01	1,655,739.21		46,223.46		5.34
Refined bars (0.996 fine and over)	2,959,357.94		2,530,831.21	6,466.46	422,060.27	
Total newly mined refined	4,661,325.95	1,655,739.21	2,530,831.21	52,689.92	422,060.27	5.34
Total newly mined	4,944,937.87	1,655,740.46	2,652,874.61	114,883.12	422,060.27	99,379.41
Other domestic:						
Secondary	478,806.93	171,819.66	132,072.04	6,635.77	165,418.60	2,860.86
Domestic coin:						
Purchased	7,318.82	4,105.03	2,231.21	895.11	87.47	
Transferred from Treasury and Federal Reserve banks	1,528,599.53	678,452.05	182,966.85	667,180.63		
Uncurrent silver dollars melted	72,139.97	12,147.20	25,446.22	34,546.55		
Total other domestic	2,086,865.25	866,523.94	342,716.32	709,258.06	165,506.07	2,860.86
Total domestic	7,031,803.12	2,522,264.40	2,995,590.93	824,141.18	587,566.34	102,240.27
Imports:						
Bullion unrefined	[1] 258,953.18	76.61	[1] 161,280.84		97,595.28	.45
Bullion refined (from domestic refineries)	20,363.22				20,363.22	
Secondary	3.28				3.28	
Foreign coin	1,054.04	.03			1,054.01	
Total imports	[1] 280,373.72	76.64	[1] 161,280.84		119,015.79	.45

Recoveries:						
Grains Receiving Division	127.78	55.19	38.04	5.34	15.40	13.81
Operative recoveries	68,045.60	43.91	37,393.83	22,173.71	8,415.35	18.80
Total recoveries	68,173.38	99.10	37,431.87	22,179.05	8,430.75	32.61
Total primary receipts (total acquisitions)	7,380,350.22	2,522,440.14	3,194,303.64	846,320.23	715,012.88	102,273.33
INTERMINT TRANSFERS						
Unrefined bars	339,036.40		99,083.43		239,952.97	
Proof bullion	2,647.50		50.00	50.00	2,547.50	
Assay coin	2,182.53	2,182.53				
Coinage ingots	7,442,881.09	7,442,881.09				
Total intermint transfers	7,786,747.52	7,445,063.62	99,133.43	50.00	242,500.47	
DEPOSITED IN TRUST						
From United States stocks by lend-lease	3,437,500.00	3,437,500.00				
Other	6,589,880.81	6,589,880.81				
Total deposited in trust	10,027,380.81	10,027,380.81				
Grand total fine ounces	25,194,478.55	19,994,884.57	3,293,437.07	846,370.23	957,513.35	102,273.33
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cost of acquisitions	5,022,630.85	1,617,099.01	2,648,793.66	102,530.37	574,106.48	80,101.33
Cost of bullion transferred	3,679,745.08	3,476,361.68	72,201.98	21.49	131,159.93	
Subsidiary coining value of transferred domestic coin	2,113,149.52	937,898.13	252,935.00	922,316.39		
Subsidiary coining value of melted uncurrent dollars	99,726.93	16,792.40	35,177.08	47,757.45		
Monetary value ($1.29+ per fine ounce) of bullion transferred	10,067,713.96	9,625,940.83	128,172.52	64.65	313,535.96	
Monetary value ($1.29+ per fine ounce) of silver acquired	7,472,627.98	2,368,440.74	3,860,545.37	186,948.59	924,461.10	132,232.18

[1] Includes delayed item of 13,660.30 fine ounces.

Deposits and purchases of foreign gold and silver bullion and coin, calendar years 1942–46.—For security reasons during World War II tabulations on the deposits and purchases of foreign gold and silver at the mints and assay offices according to the countries from which imported, were omitted from the Annual Reports. These data were published on a fiscal year basis for the fiscal years 1943–45 in the 1945 Report, pages 55–56, and for the fiscal year 1946 in the 1946 Annual Report. The tabulations following contain the same data on a calendar year basis for the calendar years 1942–46, the last published being for the calendar year 1941 in the 1942 Annual Report.

Deposits of foreign gold bullion and coin during the calendar year 1942

Country	Crude bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
North America:						
Canada	42,245.604	5,566,558.983		1,020.567	5,609,825.154	$196,343,880.39
Mexico	90,887.857	729,641.149		1,190.759	821,719.765	28,760,191.78
Newfoundland		1,678.420			1,678.420	58,744.70
Central America and West Indies:						
British West Indies				11.423	11.423	399.81
Costa Rica	12,159.923			.112	12,160.035	425,601.23
Cuba			128.980	.238	129.218	4,522.63
Dominican Republic	7,313.444		332.789		7,646.233	267,618.15
El Salvador	22,055.650	4,164.560			26,220.210	917,707.35
Guatemala	1,208.100				1,208.100	42,283.50
Haiti	173.057				173.057	6,057.00
Honduras	4,064.753	950.877	44.944		5,060.574	177,120.09
Nicaragua	6,333.361	43,068.167			49,401.528	1,729,053.48
Panama (Republic of)	128.931		14.609		143.540	5,023.90
South America:						
Argentina		2,133.340			2,133.340	74,666.90
British Guiana	17,229.408				17,229.408	603,029.28
Chile	13,219.972	39,457.255			52,677.227	1,843,702.95
Colombia	302,962.537	29.560			302,992.097	10,604,723.39
Peru	162,484.849	40,598.798			203,083.647	7,107,927.65
Uruguay	3,299.291	1,609.831			4,909.122	171,819.27
Venezuela	112,368.830				112,368.830	3,932,909.05
Europe:						
Austria			1.381	.532	1.913	66.95
Belgium			2.313		2.313	80.96
France			18.833	7.260	26.093	913.26
Germany			59.910	4.704	64.614	2,261.49
Great Britain	14,622.388	34,034.594	2.323	7,606.662	56,265.967	1,969,308.85
Greece				235.897	235.897	8,256.39
Holland		289,991.133		19.402	290,010.535	10,150,368.73
Portugal		1,470.001	6.375	43.241	1,519.617	53,186.59
Russia		835,405.317		.121	835,405.438	29,239,190.33
Spain				.738	.738	25.83
Sweden	.343			1.548	1.891	66.19
Switzerland				.184	.184	6.44
Turkey				.210	.210	7.35
Africa:						
Belgian Congo		100,473.162			100,473.162	3,516,560.67
French Equatorial Africa	74,278.378				74,278.378	2,599,743.23
French Morocco				5.818	5.818	203.63
Liberia	16,708.735				16,708.735	584,805.72
Southern Rhodesia		2,139.600			2,139.600	74,886.00
Union of South Africa		1,854.136		33.122	1,887.258	66,054.03
Asia:						
India	20,565.999				20,565.999	719,809.97

Oceania:						
Australia		64,471.563			64,471.563	2,256,504.70
Dutch East Indies	119,037.409	734,547.162			853,584.565	29,875,459.78
Fiji Islands	37,116.788			24.447	37,141.235	1,299,943.23
New Zealand	1,326.991	4,614.492			5,941.483	207,951.91
Unallocated				142.222	142.222	4,977.77
Total	1,081,792.592	8,498,892.100	612.457	10,349.207	9,591,646.356	335,707,622.50

Deposits of foreign gold bullion and coin during the calendar year 1943

Country	Crude bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
North America:						
Canada	52.736	13,366.525		836.938	14,256.199	$498,996.97
Mexico	66,859.733	2,835.653		1.107	69,696.493	2,439,377.26
Newfoundland				.096	.096	3.36
Central America and West Indies:						
British West Indies			2.619		2.619	91.67
Cuba	240.611	64.216			304.827	10,668.95
Costa Rica	5,331.736				5,331.736	186,610.76
Dominican Republic	1,000.927				1,000.927	35,032.45
El Salvador	22,591.575	2,549.956			25,141.531	879,953.59
Guatemala	466.286				466.286	16,320.01
Haiti	20.118				20.118	704.13
Honduras	2,815.132	7,895.433	5.621		10,716.188	375,066.58
Nicaragua	10,070.313	45,458.966			55,529.279	1,943,524.77
South America:						
Argentina		1,299.570			1,299.570	45,484.95
British Guiana	9,908.207				9,908.207	346,787.25
Chile		16,998.240			16,998.240	594,938.40
Ecuador			2.759		2.759	96.57
French Guiana	1.368				1.368	47.88
Peru	103,228.636	215.666		.228	103,444.530	3,620,558.55
Venezuela	69,197.741				69,197.741	2,421,920.94
Europe:						
France				.409	.409	14.32
Germany				1.606	1.606	56.21
Great Britain	241.142	1,772.798	7.212	1,138.265	3,159.417	110,579.59
Holland	11,222.067	312,268.933			323,491.000	11,322,185.00
Portugal			10.065	.687	10.752	376.32
Switzerland				.110	.110	3.85
Africa:						
Ethiopia	1,564.448				1,564.448	54,755.68
Liberia	17,916.291				17,916.291	627,070.19
Asia:						
Japan				.238	.238	8.33
Palestine				234.881	234.881	8,220.84
Oceania:						
Fiji Islands	50,179.945				50,179.945	1,756,298.08
Unallocated				315.430	315.430	11,040.05
Total	372,909.012	404,725.958	28.276	2,529.995	780,193.241	27,306,763.50

Deposits of foreign gold bullion and coin during the calendar year 1944

Country	Crude bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
North America:						
Canada	9.256	145,085.914		210.117	145,305.287	$5,085,685.05
Mexico	47,872.227	2,525.319		3.991	50,401.537	1,764,053.80
Central America and West Indies:						
Costa Rica	3,531.726				3,531.726	123,610.41
Dominican Republic	699.438				699.438	24,480.33
El Salvador	19,749.667	2,387.836			22,137.503	774,812.61
Guatemala	129.117			85.407	214.524	7,508.34
Honduras	1,876.859	154.707	88.007		2,119.573	74,185.06
Nicaragua	2,157.202	47,018.022			49,175.224	1,721,132.84
South America:						
British Guiana	6,391.325				6,391.325	223,696.38
Chile		22,463.408			22,463.408	786,219.28
Ecuador			.062	.724	.786	27.51
French Guiana	13,964.481				13,964.481	488,756.84
Peru	65,491.679				65,491.679	2,292,208.77
Venezuela	64,364.835				64,364.835	2,252,769.23
Europe:						
Belgium		85,932.480			85,932.480	3,007,636.80
Denmark	96,500.288				96,500.288	3,377,510.08
Great Britain	24.059	1,301.248	2.207	173.430	1,500.944	52,533.04
France				19.748	19.748	691.18
Netherlands		348,180.692		159.025	348,339.717	12,191,890.10
Norway	9,095.810	77,049.878			86,145.688	3,015,099.08
Turkey		1,344.049			1,344.049	47.041.72
Africa:						
French Equatorial Africa	114,311.326				114,311.326	4,000,896.41
French West Africa	17,689.950				17,689.950	619,148.25
Liberia	9,500.507				9,500.507	332,517.75
Union of South Africa		97,924.705			97,924.705	3,427,364.68
Asia:						
Cyprus		996.690			996.690	34,884.15
Oceania:						
Fiji Islands	44,406.737				44,406.737	1,554,235.80
New Zealand	1,502.951				1,502.951	52,603.29
Unallocated				33.335	33.335	1,166.73
Total	519,269.440	832,364.948	90.276	685.777	1,352,410.441	47,334,365.51

Deposits of foreign gold bullion and coin during the calendar year 1945

Country	Crude bullion	Refined bullion	Total	Total value
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	5,325.812	2,423.328	7,749.140	$271,219.90
Mexico	35,155.554		35,155.554	1,230,444.39
Central America and West Indies:				
British West Indies	19.971		19.971	698.99
Costa Rica	1,873.505		1,873.505	65,572.68
Dominican Republic	481.198		481.198	16,841.93
El Salvador	8,033.016	1,087.743	9,120.759	319,226.57
Guatemala	60.165		60.165	2,105.78
Haiti			[1] 45.683	1,598.91
Honduras	1,163.904		1,163.904	40,736.64
Nicaragua	2,228.601	54.684	2,283.285	79,914.98
South America:				
British Guiana	7,880.968		7,880.968	275,833.88
French Guiana	7,747.468		7,747.468	271,161.38
Peru	56,309.242		56,309.242	1,970,823.47
Venezuela	49,242.559		49,242.559	1,723,489.57
Europe:				
Belgium	277,855.912	610,126.394	887,982.306	31,079,380.71
Denmark	85,812.787		85,812.787	3,003,447.55
Finland	20,088.085	29,787.793	50,775.878	1,777,155.73
France	2,807,311.849	5,043,015.195	7,850,327.044	274,761,446.54
Germany	.657		.657	23.00
Great Britain		1,610.100	1,610.100	56,353.50
Switzerland	64.492		64.492	2,257.22
Africa:				
Liberia	21,330.845		21,330.845	746,579.58
Asia:				
Iran	86,229.405	241,401.639	327,631.044	11,467,086.54
Oceania:				
Fiji Islands	72,415.791		72,415.791	2,534,552.69
Unallocated	3.319		[2] 1,253.731	43,880.59
Total	3,547,535.105	5,929,506.876	9,478,338.076	331,741,832.72

[1] Secondary.
[2] Includes 1,250.412 fine ounces in mixed foreign coins, of which 1,174.830 fine ounces were imported from Great Britain.

Deposits of foreign gold bullion and coin during the calendar year 1946

Country	Crude bullion	Refined bullion	Coin	Total	Total value
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	870,665.145	3,085,738.341	6,751,091.707	10,707,515.193	$374,763,031.76
Mexico	15,172.565	1,006,730.161	4.378	1,021,907.104	35,766,647.64
Central America:					
Costa Rica	1,739.239			1,739.239	60,873.37
El Salvador	16,968.452			16,968.452	593,895.82
Guatemala	32.431			32.431	1,135.08
Honduras	489.391			489.391	17,128.69
Nicaragua	53,477.513	14,862.363		68,339.876	2,391,895.66
Panama (Republic of)	155.400			155.400	5,439.00
South America:					
British Guiana	9,571.154			9,571.154	334,990.39
Chile	156,057.914			156,057.914	5,462,026.99
Colombia		33.701		33.701	1,179.54
Ecuador	58.991			58.991	2,064.69
French Guiana	8,435.010			8,435.010	295,225.35
Peru	73,890.630	3,856.316		77,746.946	2,721,143.11
Venezuela	24,088.679			24,088.679	843,103.77
Europe:					
Belgium	154,617.828	252,021.366		406,639.194	14,232,371.79
Finland			41,775.432	41,775.432	1,462,140.12
Great Britain	275.103		2,142.800	2,417.903	84,626.61
Netherlands	48,014.187	108,318.962	5.245	156,338.394	5,471,843.79
Norway	64,195.443	338,733.546		402,928.989	14,102,514.62
Poland		53,211.948		53,211.948	1,862,418.18
Russia		835,183.269		835,183.269	29,231,414.42
Africa:					
Ethiopia	1,636.879			1,636.879	57,290.77
Liberia	11,034.097			11,034.097	386,193.40
Union of South Africa		2,842,951.463		2,842,951.463	99,503,301.21
Asia:					
Burma	2.156			2.156	75.46
Iran		50,131.278		50,131.278	1,754,594.73
Oceania:					
Fiji Islands	67,740.513			67,740.513	2,370,917.96
New Zealand	329.010			329.010	11,515.35
Unallocated			69.674	69.674	2,438.59
Total	1,578,647.730	8,591,792.714	6,795,089.236	[1] 16,965,546.720	593,794,135.26

[1] Includes 17.040 fine ounces of secondary gold.

Deposits of foreign silver bullion and coin during the calendar year 1942[1]

Country	Crude bullion	Refined bullion	Secondary	Coin	Total
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Canada		49,684.66		0.01	49,684.67
Mexico	29,535.72	323,868.54		192.68	353,596.94
Central America and West Indies:					
Costa Rica	10,422.04				10,422.04
Cuba			26.98		26.98
Dominican Republic	1,238.62		77.92		1,316.54
El Salvador	26,415.70				26,415.70
Guatemala	260.04				260.04
Haiti	7.99				7.99
Honduras	1,261.01		2.90	2.00	1,265.91
Nicaragua	2,367.14				2,367.14
Panama (Republic of)	19.11		4.99		24.10
South America:					
British Guiana	913.13				913.13
Chile	1,457.75				1,457.75
Peru	34,425.84				34,425.84
Venezuela	8,496.42				8,496.42
Europe:					
Austria			.53		.53
Belgium			.77		.77
France			3.24		3.24
Germany			29.41	.04	29.45
Great Britain			1.40		1.40
Portugal			1.16		1.16
Sweden	.01				.01
Africa:					
French Equitorial Africa	5,474.66				5,474.66
Liberia	547.59				547.59
Asia:					
India	1,020.93				1,020.93
Oceania:					
Fiji Islands	13,369.03				13,369.03
New Zealand	41.95				41.95
Unallocated		189,044.20		.17	189,044.37
Total	137,274.68	562,597.40	149.30	194.90	700,216.28

[1] Excludes 14,023,981.05 fine ounces of silver purchased under the Silver Purchase Act of June 19, 1934.

Deposits of foreign silver bullion and coin during the calendar year 1943[1]

Country	Total fine ounces	Country	Total fine ounces
North America: Mexico	15,511.72	South America—Continued	
Central America and West Indies:		Peru	25,216.22
British West Indies	.16	Venezuela	4,508.51
Costa Rica	4,970.22	Europe:	.98
Dominican Republic	157.33	Great Britain	2.01
El Salvador	13,207.22	Portugal	55.18
Guatemala	52.84	Africa:	
Haiti	4.59	Ethiopia	329.44
Honduras	682.24	Liberia	
Nicaragua	2,850.97	Oceania: Fiji Islands	17,624.76
South America:		Unallocated	230,275.71
British Guiana	428.45		
Ecuador	.42	Total	315,880.00
French Guiana	.03		

[1] Consists of crude bullion except for unallocated—230,275.65 ounces of refined and 0.06 ounce coin.

Deposits of foreign silver bullion and coin during the calendar year 1944[1]

Country	Total	Country	Total
North America:	*Fine ounces*	South America—Continued	*Fine ounces*
Canada	3.24	Peru	16,358.92
Mexico	9,279.21	Venezuela	3,971.66
Central America and West Indies:		Europe:	
Costa Rica	3,130.62	Great Britain	[2] 2.73
Dominican Republic	150.41	Africa:	
El Salvador	161,419.95	French Equitorial Africa	8,809.16
Guatemala	10.48	French West Africa	934.64
Honduras	[3] 397.46	Liberia	230.81
Nicaragua	836.46	Oceania:	
South America:		Fiji Islands	10,760.21
British Guiana	346.14	New Zealand	51.46
Ecuador	.02	Unallocated	[4] 75,160.71
French Guiana	828.93	Total	292,773.22

[1] All crude bullion except as indicated in footnotes following.
[2] Includes 7.43 ounces secondary.
[3] Includes 0.28 ounce secondary and 2.45 ounces coin.
[4] Includes 75,160.36 ounces of refined bullion and 0.35 ounce coin.

Deposits of foreign silver bullion and coin during the calendar year 1945[1]

Country	Total	Country	Total
North America:	*Fine ounces*	South America—Continued	*Fine ounces*
Mexico	12,556.38	Peru	23,211.05
Central America and West Indies:		Venezuela	3,373.40
British West Indies	1.17	Europe:	
Costa Rica	1,039.60	Finland	10.35
Dominican Republic	106.93	France	23.87
El Salvador	218,888.14	Germany	.09
Guatemala	5.07	Africa:	
Honduras	277.89	Liberia	224.05
Nicaragua	953.26	Oceania:	
South America:		Fiji Islands	21,194.75
British Guiana	363.75	Unallocated	10,183.42
French Guiana	413.46	Total	292,826.63

[1] Consists of crude bullion except for unallocated—10,177.11 ounces of refined; 6.30 ounces secondary; and 0.01 ounce of coin.

Deposits of foreign silver bullion and coin during the calendar year 1946[1]

Country	Total	Country	Total
North America:	*Fine ounces*	Europe:	*Fine ounces*
Canada	[2] 1,054.01	Hungary	[4] .66
Mexico	5,397.55	Switzerland	[4] 2.58
Central America:		Africa:	
Costa Rica	883.66	Ethiopia	166.72
El Salvador	127,328.61	Lebanon	[4] .04
Guatemala	2.70	Liberia	117.57
Honduras	[3] 91.52	Asia:	
Nicaragua	48,983.21	Burma	.18
Panama (Republic of)	51.18	Oceania:	
South America:		Fiji Islands	18,917.24
British Guiana	420.18	New Zealand	11.61
Chile	19,869.92	Unallocated	[5] 20,363.25
Ecuador	7.24		
French Guiana	475.07	Total	266,713.42
Peru	20,994.83		
Venezuela	1,573.89		

[1] All crude bullion except as indicated in footnotes following.
[2] Coin.
[3] Includes 1.10 ounces secondary.
[4] Secondary.
[5] Includes 20,363.22 ounces of refined bullion and 0.03 ounce coin.

United States coinage during the calendar year 1946

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars—Regular	$6,059,000.00	$1,862,000.00	$1,075,550.00	$8,996,550.00	17,993,100
Half dollars—Commemorative:					
Iowa Centennial	50,028.50			50,028.50	100,057
Booker T. Washington	500,273.00	250,139.50	100,056.50	850,469.00	1,700,938
Quarter dollars	13,359,000.00	1,051,000.00	2,268,200.00	16,678,200.00	66,712,800
Dimes	25,525,000.00	2,790,000.00	6,104,350.00	34,419,350.00	344,193,500
Total silver	45,493,301.50	5,953,139.50	9,548,156.50	60,994,597.50	430,700,395
MINOR					
5-cent pieces	8,055,800.00	678,000.00	2,264,610.00	10,998,410.00	219,968,200
1-cent pieces	9,916,550.00	1,981,000.00	3,156,900.00	15,054,450.00	1,505,445,000
Total minor	17,972,350.00	2,659,000.00	5,421,510.00	26,052,860.00	1,725,413,200
Total domestic coinage	63,465,651.50	8,612,139.50	14,969,666.50	87,047,457.50	2,156,113,595

Coinage by the United States mints for other countries, during the calendar year 1946

Country and denomination	Composition	Number of pieces coined			
		Philadelphia Mint	San Francisco Mint	Denver Mint	Total
Colombia: 5 centavos	25 nickel—75 copper	13,423,000	3,330,000		16,753,000
Cuba:					
5 centavos	70 copper—30 zinc	40,000,000			40,000,000
1 centavo	70 copper—30 zinc	50,000,000			50,000,000
Total, Cuba coinage		90,000,000			90,000,000
Ecuador: 5 centavos	25 nickel—75 copper	15,888,000			15,888,000
Ethiopia: 5 cents	95 copper—5 zinc	10,000,000			10,000,000
Netherlands East Indies:					
2½ cents	95 copper—5 zinc	82,294,000			82,294,000
1 cent	95 copper—5 zinc	150,997,000	42,716,000		193,713,000
Total, Netherlands East Indies coinage		233,291,000	42,716,000		276,007,000
Philippines:					
50 centavos	750 silver—250 copper		6,288,000		6,288,000
20 centavos	750 silver—250 copper			7,400,000	7,400,000
10 centavos	750 silver—250 copper			6,384,000	6,384,000
5 centavos	12 nickel—65 copper—23 zinc		28,320,000		28,320,000
Total, Philippines coinage			34,608,000	13,784,000	48,392,000
Saudi Arabia:					
1 riyal	916⅔ silver—83⅓ copper	9,288,000			9,288,000
½ riyal	916⅔ silver—83⅓ copper	1,000,000			1,000,000
¼ riyal	916⅔ silver—83⅓ copper	2,000,000			2,000,000
Total, Saudi Arabia coinage		12,288,000			12,288,000
Venezuela:					
½ bolivar	835 silver—165 copper	4,000,000			4,000,000
¼ bolivar	835 silver—165 copper	8,000,000			8,000,000
12½ centimos	25 nickel—75 copper	11,200,000			11,200,000
5 centimos	25 nickel—75 copper	12,000,000			12,000,000
Total, Venezuela coinage		35,200,000			35,200,000
Total foreign coinage		410,090,000	80,654,000	13,784,000	504,528,000

Coinage by United States mints for foreign governments since enabling legislation of January 29, 1874, through December 31, 1946, by year and number of pieces

Year	Number of pieces	Year	Number of pieces
1876–77	12,000,000	1922	7,863,030
1883–84	1,950,000	1923	4,369,000
1895	4,500,000	1924	12,663,196
1896	500,000	1925	13,461,000
1898	3,346,714	1926	14,987,000
1899	906,089	1927	3,650,000
1900	320,000	1928	16,701,000
1901	225,000	1929	34,980,000
1902		1930	3,300,120
1903	21,202,844	1931	4,498,020
1904	70,640,489	1932	9,756,096
1905	36,675,526	1933	15,240,000
1906	13,321,394	1934	24,280,000
1907	45,313,047	1935	109,600,850
1908	29,645,359	1936	32,350,000
1909	11,298,981	1937	26,800,000
1910	7,153,818	1938	48,579,644
1911	7,794,406	1939	15,725,000
1912	6,244,348	1940	33,170,000
1913	7,309,258	1941	208,603,500
1914	17,335,005	1942	307,737,000
1915	55,485,190	1943	186,682,000
1916	37,441,328	1944	788,498,000
1917	25,208,497	1945	1,802,284,798
1918	60,102,000	1946	504,528,000
1919	100,269,195		
1920	99,002,334	Total	[1] 4,960,682,428
1921	55,094,352		

[1] Total includes 66,943,807 planchets.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1947

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
	Face value	*Face value*	*Face value*
Gold:	$59,620.00	$1,040.00	$60,660.00
Double eagles	25,290.00	640.00	25,930.00
Eagles	17,020.00	90.00	17,110.00
Half eagles	21.00	3.00	24.00
$3 pieces	2,725.00	35.00	2,760.00
Quarter eagles	15.00	20.00	35.00
$1 pieces	104,691.00	1,828.00	106,519.00
Total gold			106,223.77
Total value gold at $20.67+ per ounce			
Silver:		5.00	5.00
Trade dollars	66,655.00	1,934.00	68,589.00
Standard dollars	684,170.00	4,776.00	688,946.00
Half dollars	726,389.75	3,717.75	730,107.50
Quarter dollars	1.00	.40	1.40
20-cent pieces	408,128.20	3,733.50	411,871.70
Dimes	19.35	2.40	21.75
Half dimes	14.85	.54	15.39
3-cent pieces	1,885,388.15	14,169.59	1,899,557.74
Total silver	148,150.90	5.40	148,156.30
Nickel:	8.31		8.31
5-cent pieces	17.32		17.32
3-cent pieces	148,176.53	5.40	148,181.93
1-cent pieces			
Total nickel	13.54		13.54
Copper:	.02		.02
1-cent pieces	13.56		13.56
½-cent pieces			
Total copper	6.74		6.74
Bronze and copper-zinc:	70,906.77	52.01	70,958.78
2-cent pieces (bronze)	70,913.51	52.01	70,965.52
1-cent pieces			
Total bronze and copper-zinc	17,640.10		17,640.10
Copper-silver-manganese: 5-cent pieces	13,795.10		13,795.10
Zinc-coated steel: 1-cent pieces	250,538.80	57.41	250,596.21
Total minor	2,240,617.95	16,055.00	2,256,672.95
Grand total			

SUMMARY

		Weights
Metal obtained from melting the above:	fine ounces	5,138.575
Gold	do	49,917.06
Silver:	do	1,223,754.18
Uncurrent silver dollars	do	457,974.07
All other silver coin	gross ounces	696,318.63
Cupro-nickel	do	55,983.97
Bronze, copper, and copper-zinc	do	121,294.90
Copper-silver-manganese alloy	do	
Zinc-coated steel		*Value*
Monetary value of metal obtained:		$179,850.13
Gold (at $35 per fine ounce)		69,005.79
Silver (at $1.38+ per fine ounce):		1,691,728.60
Uncurrent silver dollars		142,449.17
All other silver coin		45,797.41
Cupro-nickel		2,350.78
Bronze, copper and copper-zinc		
Gain by recoinage: Uncurrent silver dollars (net)		2,131,181.88
Total		131,174.14
Loss by recoinage:		5,732.76
Silver (except uncurrent silver dollars)		23,181.67
Cupro-nickel		
Bronze, copper and copper-zinc		162,088.57
Total		

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1946

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face value*	*Face value*	*Face value*
Double eagles	$106,300.00	$1,080.00	$107,380.00
Eagles	30,350.00	350.00	30,700.00
Half eagles	25,010.00	200.00	25,210.00
$3 pieces	24.00	6.00	30.00
Quarter eagles	4,797.50	57.50	4,855.00
$1 pieces	32.00	34.00	66.00
Total gold	166,513.50	1,727.50	168,241.00
Total value gold at $20.67+ per ounce			167,730.09
Silver:			
Trade dollars		8.00	8.00
Standard dollars	96,455.00	1,817.00	98,272.00
Half dollars	899,404.50	4,854.00	904,258.50
Quarter dollars	884,889.50	3,924.25	888,813.75
20-cent pieces	.80	.20	1.00
Dimes	505,099.30	3,633.30	508,732.60
Half dimes	22.00	2.10	24.10
3-cent pieces	8.73	.57	9.30
Total silver	2,385,879.83	14,239.42	2,400,119.25
Nickel:			
5-cent pieces	216,723.35	5.35	216,728.70
3-cent pieces	5.97		5.97
1-cent pieces	17.89		17.89
Total nickel	216,747.21	5.35	216,752.56
Copper:			
1-cent pieces	19.47		19.47
½-cent pieces			
Total copper	19.47		19.47
Bronze and copper-zinc:			
2-cent pieces (bronze)	8.24		8.24
1-cent pieces	68,669.20	14.73	68,683.93
Total bronze and copper-zinc	68,677.44	14.73	68,692.17
Copper-silver-manganese: 5-cent pieces	17,147.45		17,147.45
Zinc-coated steel: 1-cent pieces	7,145.90		7,145.90
Total minor	309,737.47	20.08	309,757.55
Grand total	2,862,130.80	15,987.00	2,878,117.80

SUMMARY

Metal obtained from melting the above:		*Weights*
Gold	fine ounces	8,113.943
Silver:		
Uncurrent silver dollars	do	72,139.97
All other silver coin	do	1,538,100.82
Cupro-nickel	do	669,245.76
Bronze, copper, and copper-zinc	gross ounces	674,640.71
Copper-silver-manganese alloy	do	54,532.89
Zinc-coated steel	do	62,321.05
Monetary value of metal obtained:		*Value*
Gold (at $35 per ounce)		$283,988.01
Silver (at $1.38+ per ounce):		
Uncurrent silver dollars		99,726.93
All other silver coin		2,126,284.18
Cupro-nickel		208,163.53
Bronze, copper, and copper-zinc		67,464.07
Gain by recoinage: Uncurrent silver dollars (net)		3,271.94
Total		2,288,898.66
Loss by recoinage:		
Silver (except uncurrent silver dollars)		177,380.07
Cupro-nickel		8,589.03
Bronze, copper and copper-zinc		1,247.57
Total		187,216.67

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year:	Face amount	Fiscal year—Continued	Face amount
1883–1929 [1]	$221,149	1940	$366
1930	1,329	1941	407
1931	1,193	1942	562
1932	442	1943	244
1933	513	1944	682
1934	504	1945	436
1935	649	1946	617
1936	638	1947	1,934
1937	339		
1938	607	Total	233,240
1939	629		

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890

Fiscal year	Face amount	Face amount of new coin producible	Loss (net)	Fiscal year	Face amount	Face amount of new coin producible	Loss (net)
1891–1929 [1]	$128,045,738	$121,738,081	$6,307,657	1940	$4,530,970	$4,140,548	$390,422
1930	4,347,695	3,944,682	403,013	1941	4,122,939	3,774,669	348,270
1931	5,487,496	4,997,679	489,817	1942	2,767,828	2,532,102	235,726
1932	7,482,437	6,825,156	657,281	1943	[3] 10,619,576	10,588,190	31,386
1933	8,467,446	7,715,023	752,423	1944	[3] 46,363,450	47,393,898	+1,030,448
1934	7,563,736	6,948,272	615,464	1945	[3] 2,363,287	2,210,134	240,094
1935	8,828,214	8,074,032	754,182	1946	[3] 1,875,802	1,741,762	133,005
1936	7,200,195	6,587,520	612,675	1947	1,889,558	1,760,734	128,823
1937	6,026,887	5,526,508	500,379				
1938	5,514,687	5,038,320	476,367	Total	268,359,714	255,971,589	12,483,030
1939	4,861,773	4,434,279	427,494				

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.
[2] Includes silver dollars melted for subsidiary coin under act of Apr. 23, 1918: $1,000,000 in 1919; $10,000,000 in 1920; and $111,168 in 1921.
[3] Includes unfit silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942: $8,080,739 in 1943; $44,658,194 in 1944; $393,881 in 1945; $96,455 in 1946; $66,655 in 1947.

Domestic coinage of each mint during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	Total
PHILADELPHIA											
Silver:											
Half dollars	8,766,396	2,305,608	7,420,080	14,663,694	31,753,130	67,023,354	32,918,000	40,878,000	8,550,000	13,466,603	227,744,865
Quarter dollars	22,106,073	12,129,748	33,149,907	59,077,461	75,107,008	140,585,354	79,688,000	95,180,000	53,700,000	40,052,000	610,775,551
Dimes	58,986,050	31,400,021	67,340,543	114,015,402	159,180,424	254,009,254	156,430,000	244,130,000	166,910,000	225,450,000	1,477,851,694
Minor:											
5-cent pieces	46,452,005	56,988,400	151,400,300	202,871,278	158,484,400	216,594,600	161,678,000	108,748,100	140,067,000	122,272,000	1,365,556,083
1-cent pieces	320,616,920	83,035,054	356,899,800	803,295,372	1,070,230,100	279,242,800	1,119,423,670	1,577,669,000	678,664,000	849,500,000	7,138,576,716
Total	456,927,444	185,858,831	616,210,630	1,193,923,207	1,494,755,062	957,455,362	1,550,137,670	2,066,605,100	1,047,891,000	1,250,740,603	10,820,504,909
SAN FRANCISCO											
Silver:											
Half dollars	1,540,024	10,116	2,792,000	4,766,000	12,152,000	13,376,000	12,158,000	10,702,000	8,196,000	500,279	66,192,419
Quarter dollars	180,000	2,832,000	2,628,000	9,640,000	20,744,000	20,684,000	19,476,000	16,036,001	8,392,000	4,204,000	104,816,001
Dimes	5,690,000	8,090,000	10,540,000	28,290,000	55,930,000	53,160,000	63,530,000	45,370,000	42,470,000	16,070,000	329,140,000
Minor:											
5-cent pieces	140,000	4,105,000	12,530,000	48,455,000	28,780,000	89,490,000	61,510,000	17,360,000	60,579,000	22,260,000	345,209,000
1-cent pieces	24,780,000	11,790,000	64,280,000	96,810,000	147,170,000	71,170,000	418,490,000	83,160,000	135,470,000	232,300,000	1,285,420,000
Total	32,330,024	26,827,116	92,770,000	187,961,000	264,776,000	247,880,000	575,164,000	172,628,001	255,107,000	275,334,279	2,130,777,420
DENVER											
Silver:											
Half dollars	1,693,015	1,304,312	3,465,200	3,752,400	12,856,000	14,446,000	5,607,800	11,742,200	5,823,600	5,327,813	66,018,341
Quarter dollars	3,578,800	1,904,000	5,188,000	9,090,400	21,943,600	19,348,400	12,086,800	15,000,800	7,204,000	8,312,400	103,657,200
Dimes	9,214,000	10,536,000	19,395,000	39,380,000	59,670,000	100,471,000	24,462,000	52,151,000	57,583,500	57,947,000	430,809,500
Minor:											
5-cent pieces	15,152,000	5,376,000	11,702,000	63,902,000	38,820,000		30,442,000	29,519,000	41,980,000	52,438,200	289,331,200
1-cent pieces	21,480,000	23,760,000	19,360,000	101,340,000	222,070,000	132,498,000	380,740,000	298,488,000	242,538,000	366,385,000	1,808,659,000
Total	51,117,815	42,880,313	59,110,200	217,464,800	355,359,600	266,763,400	453,338,600	406,901,000	355,129,100	490,410,413	2,698,475,241
ALL MINTS											
Silver:											
Half dollars	11,999,435	3,620,037	13,677,280	23,182,094	56,761,130	94,845,354	50,683,800	63,322,200	22,569,600	19,294,695	359,955,625
Quarter dollars	25,864,873	16,865,748	40,965,907	77,807,861	117,794,608	180,617,754	111,250,800	126,216,801	69,296,000	52,568,400	819,248,752
Dimes	73,890,050	50,026,021	97,275,543	181,685,402	274,780,424	407,640,254	244,422,000	341,651,000	266,963,500	299,467,000	2,237,801,194
Minor:											
5-cent pieces	61,744,005	66,469,400	175,632,300	315,228,278	226,084,400	306,084,600	253,630,000	155,627,100	242,626,000	196,970,200	2,000,096,283
1-cent pieces	366,876,920	118,585,054	440,539,800	1,001,445,372	1,439,470,100	482,910,800	1,918,653,670	1,959,317,000	1,056,672,000	1,448,185,000	10,232,655,716
Grand total pieces	540,375,283	255,566,260	768,090,830	1,599,349,007	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	1,658,127,100	2,016,485,295	15,649,757,570

Domestic coinage of each mint during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)

Mint and denomination	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	Total
PHILADELPHIA											
Silver:											
Half dollars	$4,383,198	$1,152,804	$3,710,040	$7,331,847	$15,876,565	$33,511,677	$16,459,000	$20,439,000	$4,275,000	$6,733,302	$113,872,433
Quarter dollars	5,526,518	3,032,437	8,287,477	14,769,365	18,776,752	35,146,339	19,922,000	23,795,000	13,425,000	10,013,000	152,693,888
Dimes	5,898,605	3,140,002	6,734,054	11,401,540	15,918,042	25,400,925	15,643,000	24,413,000	16,691,000	22,545,000	147,785,169
Minor:											
5-cent pieces	2,322,600	2,849,420	7,570,015	10,143,564	7,924,220	10,829,730	8,083,900	5,437,405	7,003,350	6,113,600	68,277,804
1-cent pieces	3,206,170	830,351	3,568,998	8,032,954	10,702,301	2,792,428	11,194,237	15,776,690	6,786,640	8,495,000	71,385,767
Total	21,337,091	11,005,014	29,870,584	51,679,270	69,197,880	107,681,099	71,302,137	89,861,095	48,180,990	53,899,902	554,015,061
SAN FRANCISCO											
Silver:											
Half dollars	770,012	5,058	1,396,000	2,383,000	6,076,000	6,688,000	6,079,000	5,351,000	4,098,000	250,139	33,096,210
Quarter dollars	45,000	708,000	657,000	2,410,000	5,186,000	5,171,000	4,869,000	4,009,000	2,098,000	1,051,000	26,204,000
Dimes	569,000	809,000	1,054,000	2,829,000	5,593,000	5,316,000	6,353,000	4,537,000	4,247,000	1,607,000	32,914,000
Minor:											
5-cent pieces	7,000	205,250	626,500	2,422,750	1,439,000	4,474,500	3,075,500	868,000	3,028,950	1,113,000	17,260,450
1-cent pieces	247,800	117,900	642,800	968,100	1,471,700	711,700	4,184,900	831,600	1,354,700	2,323,000	12,854,200
Total	1,638,812	1,845,208	4,376,300	11,012,850	19,765,700	22,361,200	24,561,400	15,596,600	14,826,650	6,344,139	122,328,860
DENVER											
Silver:											
Half dollars	846,507	652,156	1,732,600	1,876,200	6,428,000	7,223,000	2,803,900	5,871,100	2,911,800	2,663,907	33,009,171
Quarter dollars	894,700	476,000	1,297,000	2,272,600	5,485,900	4,837,100	3,021,700	3,750,200	1,801,000	2,078,100	25,914,300
Dimes	921,400	1,053,600	1,939,500	3,938,000	5,967,000	10,047,100	2,446,200	5,215,100	5,758,350	5,794,700	43,080,950
Minor:											
5-cent pieces	757,600	268,800	585,100	3,195,100	1,941,000		1,522,100	1,475,950	2,099,000	2,621,910	14,466,560
1-cent pieces	214,800	237,600	193,600	1,013,400	2,220,700	1,324,980	3,807,400	2,984,880	2,425,380	3,663,850	18,086,590
Total	3,635,007	2,688,156	5,747,800	12,295,300	22,042,600	23,432,180	13,601,300	19,297,230	14,995,530	16,822,467	134,557,571
ALL MINTS											
Silver:											
Half dollars	5,999,717	1,810,018	6,838,640	11,591,047	28,380,565	47,422,677	25,341,900	31,661,100	11,284,800	9,647,348	179,977,813
Quarter dollars	6,466,218	4,216,437	10,241,477	19,451,965	29,448,652	45,154,439	27,812,700	31,554,200	17,324,000	13,142,100	204,812,188
Dimes	7,389,005	5,002,602	9,727,554	18,168,540	27,478,042	40,764,025	24,442,200	34,165,100	26,696,350	29,946,700	223,780,119
Minor:											
5-cent pieces	3,087,200	3,323,470	8,781,615	15,761,414	11,304,220	15,304,231	12,681,500	7,781,355	12,131,300	9,848,510	100,004,814
1-cent pieces	3,668,769	1,185,851	4,405,398	10,014,454	14,394,701	4,829,108	19,186,537	19,593,170	10,566,720	14,481,850	102,326,567
Grand total amount	26,610,909	15,538,378	39,994,684	74,987,420	111,006,180	153,474,480	109,464,837	124,754,925	78,003,170	77,066,508	810,901,501

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined [1]

GOLD COINAGE [2]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
$50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [3]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do.[3]	June 28, 1834	64.5	899.225		
Do.[3]	Jan. 18, 1837	64.5	900		
Do.[3]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [4]	Feb. 21, 1853 – Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [4]	Mar. 3, 1849 – Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] For U. S. coinage by separate calendar years 1793–1943, see Annual Report for 1944, pp. 66–73; for years subsequent to 1943, see each succeeding Report.

[2] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[3] Discontinued by act of Apr. 11, 1930.

[4] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1946	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4+		
Do.[1] [2]	Jan. 18, 1837	412½	900		
Do.[2]	Feb. 28, 1878	412½	900	$855,611,127	[3] $855,611,127.00
Do.[2]	July 14, 1890	412½	900		
Do.[2]	Mar. 3, 1891	412½	900		
Do.[2]	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4+		
Do	Jan. 18, 1837	206¼	900		
Do	Feb. 21, 1853	192	900	859,187,012	429,593,506.00
Do	Feb. 12, 1873	[4] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.
[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	$36,087,285	
	42,139,872	
Act Nov. 1, 1893, to June 12, 1898	108,800,188	
		187,027,345
Act June 13, 1898, war revenue bill		5,078,472
Act Mar. 3, 1887 and 1891, trade-dollar conversion		
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.
[4] Discontinued by act of Mar. 3, 1887. [5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1946	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	$50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco - Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	do	192.9	900	1,700,938	850,469.00
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900	1,610,952,269	402,738,067.25
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	3,785,193,945	378,519,394.50
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do [10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do [10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12¾	750		
Do [10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				7,302,381,311	2,115,764,035.60

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined—Continued*

MINOR COINAGE

Denomination	Authorizing Act	Standard weight	Standard composition[1]	Total coined to Dec. 31, 1946	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		2,946,424,532	$147,321,226.60
Do.	Feb. 12, 1873				
5 cents (silver)	(2)	77.16		869,923,700	43,496,185.00
3 cents (nickel)[3]	Mar. 3, 1865	30		31,378,316	941,349.48
Do.[3]	Feb. 12, 1873				
2 cents (bronze)[4]	Apr. 22, 1864	96		45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264		156,288,744	1,562,887.44
Do.	Jan. 14, 1793	208			
Do.[5]	Jan. 26, 1796	186			
Do.[6]	Jan. 18, 1837	168			
Cent (nickel)[7]	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48		10,534,616,098	105,346,160.98
Do.	Feb. 12, 1873				
Cent (zinc-steel)[8]	(8)	41.5		1,093,838,670	10,938,386.70
Do.	(8)	42.5			
Cent (copper-zinc)[9]	(9)	48		5,102,736,000	51,027,360.00
Half cent (copper)	Apr. 2, 1792	132		7,981,822	39,909.11
Do.	Jan. 14, 1793	104			
Do.[5]	Jan. 25, 1796	84			
Do.[6]	Jan. 18, 1837	84			
Total minor				20,989,560,882	363,593,205.31
Grand total gold, silver, and minor				28,643,487,551	7,005,575,718.41

[1] *Composition—percent:*
5 and 3 cents (nickel)—copper, 75; nickel, 25.
5 cents (silver)—copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—pure copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.
1 cent (copper-zinc)—copper 95; zinc 5.

[2] 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945, from Oct. 1, 1942, until expiration of authority Dec. 31, 1945.
[3] 3-cents (nickel) discontinued by act of Sept. 26, 1890.
[4] 2-cents (bronze) discontinued by act of Feb. 12, 1873.
[5] Proclamation of the President in conformity with act of Mar. 3, 1795.
[6] Copper cent and half cent discontinued by act of Feb. 21, 1857.
[7] Nickel cent discontinued by act of Apr. 22, 1864.
[8] Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.
[9] Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.
*For coinage by separate calendar years 1793–1943, see Annual Report for 1944, pp. 66–73; for years subsequent to 1943, see each succeeding Report.

Estimated stock of coin in the United States on June 30, 1947

Item	Silver coin	Minor coin	Total coin
Stock in the United States on July 1, 1946	$1,372,538,128	$325,977,935	$1,698,516,063
Coinage executed during fiscal year 1947	52,736,148	24,330,360	77,066,508
Net exports of United States coin during fiscal year 1947	405,339		405,339
Coin withdrawn from monetary use	1,933,555	250,596	2,184,151
Coin used in industrial consumption (estimated)	115,000		115,000
General revision	6,701,995	1,168,699	7,870,694
Stock in the United States on June 30, 1947	1,416,118,387	348,889,000	1,765,007,387

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,629,915, which added to Hawaiin dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000 and the number returned in Government transports, 496,859 equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports have been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; unfit melted under act of Dec. 18, 1942, total 53,295,924, those melted otherwise (mutilated, etc.) since 1883 numbered 233,270 and the number of Hawaiian dollars melted to date was 455,329; the number sold for industrial use, 315,000 a total disposition of 355,314,387 leaving in the United States on June 30, 1947, 493,462,387 standard silver dollars and 922,656,000 dollars in subsidiary silver coin.

"General revision" includes adjustment of stock of subsidiary and minor coin for unreported disappearance such as undeclared exports, fire losses, and other general losses.

Estimated stock of domestic coin in the United States on Dec. 31, 1946

Item	Silver coin	Minor coin	Total coin
Stock in the United States on Jan. 1, 1946	$1,350,875,431	$317,386,695	$1,668,262,126
Coinage executed during 1946	60,994,598	26,052,860	87,047,458
Net exports of United States coin during 1946	439,807	+583,274	+143,467
Coin withdrawn from monetary use during 1946	2,400,119	309,758	2,709,877
Coin used in industrial consumption (estimated)	400,000		400,000
Stock in the United States on Dec. 31, 1946	1,408,630,103	343,713,071	1,752,343,174

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,629,915, which added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000 and the number returned in Government transports, 496,859 equals 848,776,774. Since July 1, 1898 the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; unfit melted under act of Dec. 18, 1942, total 53,229,269, those melted otherwise (mutilated, etc.) since 1883 numbered 232,801 and the number of Hawaiian dollars melted to date was 455,329; those sold for industrial use, 300,000; a total disposition of 355,232,263, leaving in the United States on Dec. 31, 1946, 493,544,511 standard silver dollars and 915,085,592 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States Mint institutions on Dec. 31, 1946

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	143,411.093	$5,019,388.02	62,870,866.70	$58,070,521.18
San Francisco Mint	11,433,364.110	400,167,743.82	488,882,335.21	617,406,376.28
Denver Mint	163,233,130.691	5,713,124,573.92	16,272,400.49	15,899,387.65
New York Assay Office (including West Point Depository)	49,269,914.866	1,724,447,023.83	228,567,139.38	283,539,782.19
Seattle Assay Office	135,022.709	4,725,794.49	30,897.14	27,514.53
Fort Knox Bullion Depository	356,669,010.306	12,483,415,360.28		
Total	580,883,853.775	20,330,899,884.36	796,623,638.92	974,943,581.83

Institution	Gold coin	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$12.70	$164,111,731.78	$3,368,633.33	
San Francisco Mint		41,480,744.44	1,883,025.29	$29,200.00
Denver Mint		23,209,322.43	1,001,325.33	40,550.00
New York Assay Office (including West Point Depository)		50,470,934.04		2,288,281.00
Seattle Assay Office				
Fort Knox Bullion Depository				
Total	12.70	279,272,732.69	6,252,983.95	2,358,031.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$477,435.71	$68,185.54	$179,662.29	$231,295,570.55
San Francisco Mint	120,459.91	15,483.50	65,665.24	1,061,168,698.48
Denver Mint	158,586.48	39,805.84	19,470.77	5,753,493,022.42
New York Assay Office (including West Point Depository)				2,060,746,021.06
Seattle Assay Office				4,753,309.02
Fort Knox Bullion Depository				12,483,415,360.28
Total	756,482.10	123,474.88	264,798.30	21,594,871,981.81

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total
Philadelphia Mint	$230,312,669.62	$650,000.00	$295,639.60	$37,261.33	$231,295,570.55
San Francisco Mint	1,060,957,089.54	175,000.00	15,483.50	21,125.44	1,061,168,698.48
Denver Mint	5,753,257,948.65	175,000.00	42,191.19	17,882.58	5,753,493,022.42
New York Assay Office (including West Point Depository)	2,060,746,021.06				2,060,746,021.06
Seattle Assay Office	4,753,309.02				4,753,309.02
Fort Knox Bullion Depository	12,483,415,360.28				12,483,415,360.28
Total	21,593,442,398.17	1,000,000.00	353,314.29	76,269.35	21,594,871,981.81

Summary of total United States exports and imports of gold and silver during the fiscal year 1947 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	*Dollars*	*Dollars*	*Dollars*
Ore and base bullion	$129,820	$38,160,075	$7,146	$26,402,447
Refined bullion	331,078,098	903,142,959	24,583,590	46,186,503
Coin:				
United States		344	1,204,000	815,699
Foreign	24,107,849	26,702	7,438,885	10,697,309
Grand total	355,315,767	941,330,080	33,233,621	84,101,958

[1] Compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

Summary of total United States exports and imports of gold and silver during the calendar year 1946 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	*Dollars*	*Dollars*	*Dollars*
Ore and base bullion	$9,070	$37,379,928	$7,146	$21,855,000
Refined bullion	221,309,154	344,707,863	30,098,634	28,894,402
Coin:				
United States	----	70	1,143,000	890,581
Foreign	149,412	150,873,907	5,205,910	5,937,905
Grand total	221,467,636	532,961,768	36,454,690	57,577,888

[1] Compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936–47 [1]

Fiscal year ended June 30—	Gold bullion	Silver coin and bullion [2]	Population	Per capita		
				Gold	Silver	Total
	Thousands	*Thousands*	*Thousands*			
1936	$10,608,417	$1,587,007	128,413	$82.61	$12.36	$94.97
1937	12,318,271	1,741,175	129.337	95.24	13.46	108.70
1938	12,962,954	1,957,704	130,085	99.65	15.05	114.70
1939	16,110,079	2,157,476	131,173	122.82	16.44	139.26
1940	19,963,091	2,302,501	132,130	151.09	17.43	168.52
1941	22,624,197	2,430,234	133,212	169.84	18.24	188.08
1942	22,736,704	2,582,735	134,474	169.08	19.21	188.29
1943	22,387,522	2,718,711	136,527	163.98	19.91	183.89
1944	21,173,066	2,748,959	138,001	153.43	19.92	173.35
1945	20,212,973	2,840,037	139,408	144.99	20.37	165.36
1946	20,269,934	3,281,637	140,987	143.77	23.28	167.05
1947	21,266,490	3,340,031	144,066	147.62	23.18	170.80

[1] For data from 1873–1935, see Annual Report for 1944, p. 81.
[2] Includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates; does not include bullion held at cost value at close of each fiscal year.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1859	$1.052	1881	$0.87575	1903	$0.41960	1925	$0.53681
1838	1.008	1860	1.045	1882	.87833	1904	.44763	1926	.48284
1839	1.023	1861	1.031	1883	.85754	1905	.47200	1927	.43838
1840	1.023	1862	1.041	1884	.85904	1906	.52353	1928	.45237
1841	1.018	1863	1.040	1885	.82379	1907	.51164	1929	.41229
1842	1.007	1864	1.040	1886	.76931	1908	.41371	1930	.29751
1843	1.003	1865	1.035	1887	.75755	1909	.40231	1931	.22440
1844	1.008	1866	1.036	1888	.72983	1910	.41825	1932	.21814
1845	1.004	1867	1.027	1889	.72325	1911	.41709	1933	.27008
1846	1.005	1868	1.025	1890	.80927	1912	.47543	1934	.37344
1847	1.011	1869	1.024	1891	.76416	1913	.46760	1935	.49950
1848	1.008	1870	1.027	1892	.67401	1914	.42780	1936	.35113
1849	1.013	1871	1.025	1893	.60351	1915	.40135	1937	.34956
1850	1.018	1872	1.022	1894	.49097	1916	.53094	1938	.33673
1851	1.034	1873	1.00368	1895	.50587	1917	.69242	1939	.30470
1852	1.025	1874	.98909	1896	.52257	1918	.76142	1940	.27136
1853	1.042	1875	.96086	1897	.46745	1919	.86992	1941	.27144
1854	1.042	1876	.90039	1898	.45640	1920	.78844	1942	.29889
1855	1.039	1877	.92958	1899	.46525	1921	.48801	1943	.34853
1856	1.039	1878	.89222	1900	.47058	1922	.52543	1944	.34853
1857	1.046	1879	.86928	1901	.46093	1923	.50458	1945	.40404
1858	1.039	1880	.88564	1902	.40835	1924	.51906	1946	.66305

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1911	$0.57500	$0.52125	$0.54002
1875	1.26125	1.21000	1.23883	1912	.65625	.55250	.62006
1876	1.26000	1.03500	1.14950	1913	.65125	.58000	.61241
1877	1.26000	1.16000	1.19408	1914	.60875	.49000	.56331
1878	1.20750	1.08500	1.15429	1915	.58000	.47750	.51062
1879	1.16750	1.06500	1.12088	1916	.79125	.57250	.67151
1880	1.15000	1.11250	1.13931	1917	1.16500	.73125	.84000
1881	1.14500	1.11000	1.12823	1918	1.01937	.88937	.98445
1882	1.15000	1.09000	1.13855	1919	1.38250	1.01375	1.12087
1883	1.11750	1.09500	1.10874	1920	1.37875	.60375	1.01940
1884	1.13250	1.08000	1.11161	1921	.73813	.53188	.63096
1885	1.09500	1.02750	1.06428	1922	.74188	.62875	.67934
1886	1.03500	.92500	.99880	1923	.69000	.62875	.65239
1887	1.03500	.95000	.97899	1924	.72375	.63000	.67111
1888	.97750	.92000	.94300	1925	.73187	.66812	.69406
1889	.97250	.92500	.93634	1926	.68937	.51812	.62428
1890	1.20500	.95750	1.05329	1927	.60312	.54187	.56680
1891	1.07500	.94750	.99033	1928	.63937	.56812	.58488
1892	.92250	.83000	.87552	1929	.57812	.46812	.53306
1893	.85000	.65000	.78219	1930	.47187	.31062	.38466
1894	.70000	.59500	.64043	1931	.37562	.26062	.29013
1895	.69000	.60000	.66268	1932	.31312	.24562	.28204
1896	.70250	.65625	.68195	1933	.45312	.24812	.34997
1897	.66125	.52750	.60774	1934	.56062	.42062	.48283
1898	.62250	.55125	.59064	1935	.81312	.50062	.64582
1899	.64750	.58625	.60507	1936	.50062	.45062	.45399
1900	.65750	.59750	.62065	1937	.47062	.45062	.45195
1901	.64500	.54750	.59703	1938	.45062	.43062	.42537
1902	.56875	.47375	.52815	1939	.43062	.35062	.39395
1903	.62375	.47500	.54298	1940	.35937	.35062	.35085
1904	.62500	.53375	.57843	1941	.35437	.35062	.35095
1905	.66500	.55625	.61008	1942	.45062	.35437	.38645
1906	.72375	.63125	.67379	1943	.45062	.45062	.45062
1907	.71000	.52750	.65978	1944	.45062	.45062	.45062
1908	.58875	.48250	.53496	1945	.71062	.45062	.52240
1909	.54500	.50750	.52163	1946	.90437	.60062	.85728
1910	.57625	.50750	.54245				

Average commercial ratio of the price of silver to gold each calendar year since 1687 [1]

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1837	15.83	1859	15.19	1881	18.25	1903	38.10	1925	29.78
1838	15.85	1860	15.29	1882	18.20	1904	35.70	1926	33.11
1839	15.62	1861	15.50	1883	18.64	1905	33.87	1927	36.47
1840	15.62	1862	15.35	1884	18.61	1906	30.54	1928	35.34
1841	15.70	1863	15.37	1885	19.41	1907	31.24	1929	38.78
1842	15.87	1864	15.37	1886	20.78	1908	38.64	1930	53.74
1843	15.93	1865	15.44	1887	21.10	1909	39.74	1931	71.25
1844	15.85	1866	15.43	1888	22.00	1910	38.22	1932	73.29
1845	15.92	1867	15.57	1889	22.10	1911	38.33	1933	59.06
1846	15.90	1868	15.59	1890	19.75	1912	33.62	1934	72.49
1847	15.80	1869	15.60	1891	20.92	1913	34.19	1935	54.19
1848	15.85	1870	15.57	1892	23.72	1914	37.37	1936	77.09
1849	15.78	1871	15.57	1893	26.49	1915	40.48	1937	77.44
1850	15.70	1872	15.63	1894	32.56	1916	30.78	1938	80.39
1851	15.46	1873	15.93	1895	31.60	1917	24.61	1939	88.84
1852	15.59	1874	16.16	1896	30.59	1918	21.00	1940	99.76
1853	15.33	1875	16.64	1897	34.20	1919	18.44	1941	99.73
1854	15.33	1876	17.75	1898	35.03	1920	20.28	1942	90.57
1855	15.38	1877	17.20	1899	34.36	1921	32.76	1943	77.67
1856	15.38	1878	17.92	1900	33.33	1922	30.43	1944	77.67
1857	15.27	1879	18.39	1901	34.68	1923	31.69	1945	67.00
1858	15.38	1880	18.05	1902	39.15	1924	30.80	1946	40.83

[1] Ratios for 1687–1836 appear in Annual Report for 1944, p. 91.

From 1837 to 1878 the ratios are from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

Price of silver in New York 1946–47 [1]

Month	New York price per ounce 0.999 fine		
	Highest	Lowest	Average
1946	*Dollars*	*Dollars*	*Dollars*
January	0. 70750	0. 70750	0. 70750
February	.70750	.70750	.70750
March	.70750	.70750	.70750
April	.70750	.70750	.70750
May	.70750	.70750	.70750
June	.70750	.70750	.70750
July	.90125	.70750	.82590
August	.90125	.90125	.90125
September	.90125	.90125	.90125
October	.90125	.89000	.90076
November	.90125	.90125	.90125
December	.90125	.83750	.86708
1947			
January	.83750	.70750	.76500
February	.80250	.70750	.72329
March	.86250	.70875	.77310
April	.76000	.73750	.75653
May	.73750	.70750	.72512
June	.70750	.59750	.66810
Average calendar year 1946	.86333	.86094	.85416
Average fiscal year 1947	.84291	.77541	.80905

[1] For annual prices of silver 1874–1944, see 1945 Annual Report, p. 76; and for 1945 see page 71 of the 1946 Annual Report.

Price of silver in London 1946–47 [1]

Month	London price per ounce 0.999 fine [2]			Average monthly sterling exchange New York on London	United States equivalent of London price per ounce 0.999 fine at current rate of exchange
	Highest	Lowest	Average		
1946	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	44	44	44. 00000	4. 03375	0. 73952
February	44	44	44. 00000	4. 03375	.73952
March	44	44	44. 00000	4. 03375	.73952
April	44	44	44. 00000	4. 03375	.73948
May	44	44	44. 00000	4. 03351	.73942
June	44	44	44. 00000	4. 03320	.73931
July	44	44	44. 00000	4. 03371	.73952
August	44	44	44. 00000	4. 03374	.91436
September	55½	44	54. 40476	4. 03357	.93269
October	55½	55½	55. 50000	4. 03324	.93241
November	55½	55½	55. 50000	4. 03203	.93214
December	55½	55½	55. 50000	4. 03086	.93180
	55½	55½	55. 50000	4. 02945	
1947					
January	55½	55½	55. 50000	4. 02929	.93177
February	47½	44	44. 50000	4. 02740	.74675
March	52	44	47. 07143	4. 02734	.78989
April	46	45	45. 82500	4. 02743	.76898
May	44¾	43	44. 20000	4. 02740	.74171
June	43½	37	41. 34524	4. 02716	.69378
Average calendar year 1946	48½	48⅝	48. 70039	4. 03288	.81832
Average fiscal year 1947	50⅞	46¼	49. 90386	4. 02990	.83798

[1] For annual prices 1833–1943, see Annual Report for 1944, p. 88; and for price for years subsequent to 1943 see each succeeding Report.

[2] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.

WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

A number of countries are omitted from the tables because of complete lack of information.

In connection with the table "*Monetary stock of principal countries of the world*"—the following general qualifications should be taken in consideration:

Gold stocks.—It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies, and those hoarded or held outside regularly reported stocks. Additional explanatory notes relating to the various countries accompany the table.

Silver stocks.—The amount of silver in circulation in many countries is not obtainable.

Minor coin.—Minor coin data, added to the table for the first time, are not available for some countries, and are incomplete in some instances where reported.

The table "Coinage of nations" is expanded to include minor coinage and the denominations and composition of all coins.

Monetary stock of principal countries of the world at the end of calendar year 1946 (subject to revision)

[Gold and silver converted to United States money (000 omitted); minor coin and paper currency stated in units of issuing countries (000 omitted). One United States dollar=15 5/21 grains of gold 9/10 fine; that is, an ounce of fine gold=$35]

Country	Name of unit	Average exchange rate for December 1946 (New-York rate when quoted)	Gold stock [See col. (9) for rates of conversion]			Monetary silver stock [See exchange rates, col. (2) for rates of conversion]	Minor coin [See col. (1) for name of unit of issuing country]	Notes in circulation [See col. (1) for name of unit of issuing country]	Rates of conversion of gold stock into United States dollars
			In central banks, government treasuries, and earmarked abroad	Other	Total gold				
	(1)	(2)	(3)	(4)	(6)	(6)	(7)	(8)	(9)
North America:									
United States	Dollar	$1.0000	$20,528,979		$20,528,979	$3,412,870	343,713	27,591,470	1 U. S. dollar=15 5/21 grains of gold 9/10 fine.
Canada	do	1.0000	536,038		536,038	60,333	15,787	1,030,722	Foreign Exchange Control Board holdings at $1.0000.
Mexico	Peso	.2058	180,615		180,615	96,732		1,665,962	At exchange rate.
Central America and West Indies:									
British Honduras	Dollar	1.0000				202	30	810	
British West Indies:									
Barbados	do	.8395				*484	(*)	2,770	*Silver coin including copper coin.
Jamaica	Pound	4.0100				3,269		3,091	
Costa Rica	Colon	.1770	2,015		2,015		4,370	72,371	At 5.615 colones per United States dollar.
Dominican Republic	Dollar	1.0000	2,000		2,000	1,150	330	(U. S. notes)	At $1.0000.
El Salvador	Colon	.4000	12,455	$11,788	24,243	1,220	1,076	49,531	At 87.50 colones per fine ounce. "Other" estimated.
Guatemala	Quetzal	1.0000	28,477	257	28,734	2,502	231	29,280	At $1.0000.
Nicaragua	Cordoba	.2000	4,391		4,391	301		44,400	At 5 cordobas per United States dollar.
South America:									
Bolivia	Boliviano	.0236	21,888	98	21,986	52	21,823	1,682,778	At 42 bolivianos per United States dollar.
Brazil	Cruzeiro	.0541	354,328		354,328			20,493,850	Fine grams at $1.125+ per gram.
British Guiana	Dollar	.8395				2,037	80	7,904	
Chile	Peso	.0516	64,706		64,706			3,564,813	Fine kilograms at $1,125+ per kilogram.
Colombia	do	.5714	145,380		145,380	10,294	5,935	270,716	At $0.5714.
Ecuador	Sucre	.0665	21,455		21,455			361,696	Fine grams at $1.125+ per gram.
Paraguay	Guarani	.3205	1,870		1,870			31,937	At 0.287595 fine gram per guarani. (Notes include coin.)

Peru	Sol	.1538	24,035		24,035	3,537	14,118	598,855	Fine kilograms at $1,125+ per kilogram.
Uruguay	Peso	.6583	199,583		199,583	11,961	2,720	214,332	At 0.585018 fine gram per peso.
Venezuela	Bolivar	.2985	214,668	12,043	226,711	*38,898	(*)	502,114	At 0.290323 fine gram per bolivar. (*Silver coin including nickel coin is estimated.)
Europe:									
Austria	Schilling		14		14			5,772,100	At 10,690 schilling per fine kilogram. (Notes partly estimated.)
Belgium	Franc	.0228	734,590		734,590			76,156,455	At $0.022795 per franc.
Denmark	Krone	.2087	37,534		37,534			1,632,937	At 2,480 kroner per fine kilogram.
Eire	Pound	4.0294	15,919		15,919	10,009	602	40,378	At exchange rate.
Finland	Markka	.0084	54	23	76		389,605	18,232,849	At 50 markkaa per fine gram.
France	Franc		796,064		796,064		*3,238,005	721,864,529	At 134,027.90 francs per fine kilogram. (*Minor coin estimated.)
Greece	Drachma							537,463,121	
Hungary	Forint	.3779	24,195		24,195		45,000	967,625	At 13,210 forints per fine kilogram.
Netherlands	Florin		264,255		264,255	139,714	23,155,718	2,902,839	At exchange rate.
Rumania	Leu	.0913						6,126,371	
Spain	Peseta	.2782	110,830		110,830	47,069	14,430	22,777,257	At 0.290322 fine gram per peseta.
Sweden	Krona		380,899		380,899	48,278	15,241	2,877,445	At 2,480 kronor per fine kilogram.
Bank for International Settlements.			32,000		32,000				Source: Federal Reserve Bulletins.
Asia:							15,603	372,718	
Ceylon	Rupee	.3015					242	38,514	
Iraq	Dinar	4.0294				4,391	429,443	94,497,384	
Japan	Yen							17,710,623	
Korea	Won					7,293	289	41,806	
Palestine and Transjordon	Pound	4.0294							
Africa:								39,803,949	At 131,900 francs per fine kilogram.
Algeria	Franc	.0084	1,805		1,805			346,341	
British East Africa (June 30, 1946).	Shilling	.2015				26,974			
British West Africa	do	.2015				3,641	28,849	216,235	
Ethiopia	Dollar	.4015				5,626	2,613	38,885	
Madagascar	Franc						15,000	3,128,412	(Minor coin estimated.)
Portuguese East Africa	Escudo	.0400	5,016		5,016	939	19,724	519,871	Fine ounces at $35 per ounce.
Portuguese West Africa	Angolar	.0400					2,050	242,075	
Rhodesia (Northern, Southern & Nyasaland).	Pound	4.0294	15		15	9,690	53	5,871	At $8.2397, legal monetary par.
Union of South Africa	do	4.0050	938,819	2,290	941,109	31,064	337	65,860	At 172 shilling per fine ounce.
Oceania:									
Fiji	do	3.6301				930		2,493	
New Zealand	do	3.2236	23,087		23,087	12,862		50,194	At $8.2397, legal monetary par.

Coinage of nations during the calendar year 1946

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
United States	Half dollars	19,794,095	9,897,047.50—dollars	900 silver, 100 copper.
	Quarter dollars	66,712,800	16,678,200.00—do	Do.
	Dimes	344,193,500	34,419,350.00—do	Do.
	5 cents	219,968,200	10,998,410.00—do	75 copper, 25 nickel.
	1 cent	1,505,445,000	15,054,450.00—do	95 copper, 5 zinc.
Total		2,156,113,595	87,047,457.50—do	
Algeria	5 francs	21,789,837	108,949,185.00—francs	Bronze-aluminum.
Austria	2 schilling	10,082,000	20,164,000.00—schilling	98 aluminum, 2 magnesium.
	1 schilling	22,175,000	22,175,000.00—do	Do.
	50 groshen	9,130,000	4,565,000.00—do	Do.
	Maria Theresa Thaler	41,387,000	46,904,000.00—do	
		4,397	(Trade coin)—	833⅓ silver.
Total		41,391,397		
Belgian Congo	2 francs	5,594,880	11,189,760.00—francs	66⅔ copper, 33⅓ zinc.
	1 franc	15,251,718	15,251,718.00—do	Do.
Total		20,846,598	26,441,478.00—do	
Belgium	5 francs	8,452,000	42,260,000.00—francs	Zinc.
	1 franc	36,000,000	36,000,000.00—do	Do.
	25 centimes	15,816,000	3,954,000.00—do	Do.
	10 centimes	10,370,000	1,037,000.00—do	Do.
Total		70,638,000	83,251,000.00—do	
Bolivia	50 centavos	32,260	16,130.00—bolivianos	95 copper, 5 zinc.
Brazil	2 cruzieros	33,650,000	67,300,000.00—cruzeiros	90 copper, 8 aluminum, 2 zinc.
	1 cruzeiro	49,794,000	49,794,000.00—do	Do.
	50 centavos	13,941,000	6,970,500.00—do	Do.
	20 centavos	31,526,000	6,305,200.00—do	Do.
	10 centavos	35,159,000	3,515,900.00—do	Do.
Total		164,070,000	133,885,600.00—do	
British East Africa	1 shilling	18,264,379	18,264,379.00—shillings	250 silver, 750 copper and manganese.

Mexico	20 centavos	25, 695, 000	5, 139, 000. 00—pesos	95 copper, 4 zinc, 1 tin.
	10 centavos	46, 230, 000	4, 623, 000. 00—do	80 copper, 20 nickel.
	5 centavos	49, 054, 000	2, 452, 700. 00—do	95 copper, 4 zinc, 1 tin.
	1 centavo	42, 135, 000	421, 350. 00—do	Do.
Total		163, 114, 000	12, 636, 050. 00—do	
Monaco	20 francs	200	4, 000. 00—francs	Silver.
	10 francs	200	2, 000. 00—do	Do.
	20 francs	300	6, 000. 00—do	Cupro-nickel.
	10 francs	1, 000, 000	10, 000, 000. 00—do	Do.
Total		1, 000, 700	10, 012, 000. 00—do	
Netherlands East Indies	2½ cents	82, 294, 000	2, 057, 350. 00—guilders	95 copper, 5 zinc.
	1 cent	193, 713, 000	1, 937, 130. 00—do	Do.
Total		276, 007, 000	3, 994, 480. 00—do	
Nicaragua	50 centavos	500, 000.	250, 000. 00—cordobas	75 copper, 25 nickel.
	25 centavos	1, 000, 000	250, 000. 00—do	Do.
	10 centavos	2, 000, 000	200, 000. 00—do	Do.
	5 centavos	4, 000, 000	200, 000. 00—do	Do.
Total		7, 500, 000	900, 000. 00—do	
Norway (1945–46)	1 krone	1, 470, 000	1, 470, 000. 00—kroner	Do.
	50 øre	1, 350, 000	675, 000. 00—do	Do.
	25 øre	1, 840, 000	460, 000. 00—do	Do.
	10 øre	5, 450, 000	545, 000. 00—do	Do.
Total		10, 110, 000	3, 150, 000. 00—do	
Peru	1 sol	1, 751, 690	1, 751, 690. 00—soles	70 copper, 30 zinc.
	½ sol	3, 744, 237	1, 872, 118. 00—do	Do.
	20 centavos	3, 410, 186	682, 037. 00—do	Do.
	10 centavos	4, 862, 631	486, 263. 00—do	Do.
	5 centavos	4, 269, 677	213, 484. 00—do	Do.
	2 centavos	2, 121, 403	42, 428. 00—do	95 copper, 50 zinc.
	1 centavo	3, 197, 876	31, 979. 00—do	Do.
Total		23, 357, 700	5, 079, 999. 00—do	
Philippines	50 centavos	6, 288, 000	3, 144, 000. 00—pesos	750 silver, 250 copper.
	20 centavos	7, 400, 000	1, 480, 000. 00—do	Do.
	10 centavos	6, 384, 000	638, 400. 00—do	Do.
	5 centavos	28, 320, 000	1, 416, 000. 00—do	65 copper, 23 zinc, 12 nickel.
Total		48, 392, 000	6, 678, 400. 00—do	

Coinage of nations during the calendar year 1946—Continued

[So far as reported to the Director of the United States Mint]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Rumania	100,000 lei	1,666,800	166,680,000,000.00—lei	700 silver, 300 copper.
	25,000 lei	2,372,600	59,315,000,000.00—do	Do.
	2,000 lei	24,129,000	48,258,000,000.00—do	63 copper, 37 zinc.
	500 lei	4,970,000	2,485,000,000.00—do	Pure aluminum.
	500 lei	1,635,200	817,600,000.00—do	63 copper, 37 zinc.
	200 lei	1,399,000	279,800,000.00—do	Do.
	20 lei	461,000	9,220,000.00—do	99 zinc, 1 lead.
Total		36,633,600	277,844,620,000.00—do	
Saudi Arabia	1 riyal	9,288,000	9,288,000.00—riyals	916⅔ silver, 83⅓ copper.
	½ riyal	1,000,000	500,000.00—do	Do.
	¼ riyal	2,000,000	500,000.00—do	Do.
Total		12,288,000	10,288,000.00—do	
Southern Rhodesia	Half crowns	1,400,000	175,000.00—pounds	500 silver, 500 copper.
	Florin	700,000	70,000.00—do	Do.
	1 shilling	1,700,000	85,000.00—do	Do.
	Sixpence	1,600,000	40,000.00—do	Do.
	Threepence	2,400,000	30,000.00—do	Do.
Total		7,800,000	400,000.00—do	
Spain	1 peseta	51,975,614	51,975,614.00—pesetas	90 copper, 10 aluminum.
	10 centimos	115,964,375	11,596,437.50—do	97½ aluminum, 2½ copper.
	5 centimos	183,162,708	9,158,135.40—do	Do.
Total		351,102,697	72,730,186.90—do	
Sweden	2 kronor	978,000	1,956,000.00—kronor	400 silver, 500 copper, 50 nickel, 50 zinc.
	1 krona	19,247,200	19,247,200.00—do	Do.
	50 öre	1,091,000	545,500.00—do	Do.
	25 öre	2,249,600	562,400.00—do	Do.
	10 öre	3,575,500	357,550.00—do	Do.
	50 öre	1,425,990	712,995.00—do	75 copper, 25 nickel.
	25 öre	2,066,048	516,512.00—do	Do.
	10 öre	4,116,940	411,694.00—do	Do.
	5 öre	2,575,080	128,754.00—do	Iron.
	2 öre	5,854,900	117,080.00—do	Do.
	1 öre	6,611,000	66,110.00—do	Do.
Total		49,790,358	24,621,795.00—do	

Switzerland	20 franken	7,108,813	142,176,260.00	—franken	900 gold, 100 copper. (Do not circulate.)
	2 franken	1,629,340	3,258,680.00	----do	835 silver, 165 copper.
	1 franken	4,939,230	4,939,230.00	----do	Do.
	½ franken	6,538,895	3,269,447.00	----do	Do.
	20 rappen	1,991,620	398,324.00	----do	75 copper, 25 nickel.
	10 rappen	2,000,000	200,000.00	----do	Do.
	5 rappen	3,570,000	178,500.00	----do	Do.
	2 rappen	6,541,680	130,833.00	----do	Zinc.
	1 rappen	17,873,650	178,736.00	----do	Do.
Total		52,193,228	154,730,010.00	----do	
Tunisia	Pieces of gold	33			Gold.
	20 francs	53	1,060.00	francs	Silver.
	10 francs	1,103	11,030.00	----do	Do.
	5 francs	10,000,000	50,000,000.00	----do	91 copper, 9 aluminum.
	2 francs	1,933,960	3,867,920.00	----do	Do.
	1 franc	4,699,051	4,699,051.00	----do	Do.
	50 centimes	4,662,407	2,331,203.50	----do	Do.
	20 centimes	3,512,386	702,477.20	----do	Zinc, minimum 98½ pure.
	10 centimes	8,482,550	848,255.00	----do	Do.
Total		33,291,543	62,460,996.70	----do, (excluding gold).	
Union of South Africa	Half crowns	1,400,000	175,000.00	—pounds	500 silver, 500 copper.
	Florin	700,000	70,000.00	----do	Do.
	1 shilling	1,700,000	85,000.00	----do	Do.
	Sixpence	1,600,000	40,000.00	----do	Do.
	Threepence	2,400,000	30,000.00	----do	Do.
Total		7,800,000	400,000.00	----do	
Uruguay	5 centesimos	2,000,000	100,000.00	—pesos	95½ copper, 3 tin, 1½ zinc.
	2 centesimos	5,000,000	100,000.00	----do	Do.
Total		7,000,000	200,000.00	----do	
Venezuela	½ bolivar	4,000,000	2,000,000.00	—bolivares	835 silver, 165 copper.
	¼ bolivar	8,000,000	2,000,000.00	----do	Do.
	12½ centimos	11,200,000	1,400,000.00	----do	75 copper, 25 nickel.
	5 centimos	12,000,000	600,000.00	----do	Do.
Total		35,200,000	6,000,000.00	----do	

World production of gold 1939–46 (subject to revision)

Country	1939	1940	1941	1942	1943	1944	1945	1946
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
North America:								
United States (refinery production)	4,620,602	4,862,979	4,832,087	3,583,080	1,380,758	1,022,238	915,403	1,462,354
Canada	5,095,176	5,311,145	5,345,480	4,841,306	3,649,671	2,922,911	2,696,727	2,828,404
Mexico	841,642	883,117	799,975	801,325	631,537	508,882	524,017	430,138
Newfoundland and Labrador	12,916	13,027	13,116	10,813	13,098	12,645	11,633	[1] 7,485
Central America and West Indies:								
Costa Rica	29,257	28,388	30,607	29,803	16,332	6,977	4,456	[2] 1,739
Cuba	3,851	1,251	607	195	(3)	(3)	(3)	(3)
Dominican Republic	8,070	8,710	20,410	8,840	1,090	900	1,300	[1] 645
El Salvador	16,320	50,425	32,856	31,070	28,496	22,813	[2] 9,121	21,783
Guatemala	5,058	4,458	2,528	[r 2] 1,208	[r 2] 466	[2] 129	[2] 60	[2] 32
Haiti	(3)	(3)	(3)	401	310	139	(3)	(3)
Honduras	37,900	31,886	33,092	25,779	22,844	23,026	19,158	[1] 13,925
Nicaragua	100,538	163,176	215,804	247,232	221,211	221,955	206,360	[1] 210,026
South America:								
Argentina	(3)	12,860	18,776	20,994	(3)	(3)	(3)	(3)
Bolivia [4]	16,597	19,040	15,847	20,228	8,327	6,265	12,860	16,103
Brazil	148,357	149,817	147,311	157,080	160,322	166,381	162,401	140,482
British Guiana	34,052	31,705	32,502	27,567	18,547	17,979	21,792	24,741
Chile	329,452	342,833	263,839	187,336	173,749	203,749	179,549	[4] 230,500
Colombia	570,017	631,927	656,019	596,618	665,509	553,530	506,639	437,176
Ecuador	51,536	71,217	83,375	86,241	104,049	84,399	66,974	78,031
Peru	267,355	281,259	285,189	257,655	196,868	175,180	162,963	158,378
Surinam	14,028	15,087	11,909	7,479	5,489	5,585	5,425	4,648
Uruguay	[4] 1,000	1,010	1,364	1,022	[4] 1,000	[4] 1,000	[4] 1,000	(3)
Venezuela	122,244	122,398	108,714	96,712	68,902	64,608	64,069	36,904
Europe:								
Austria		18	290	868	2,315			
Finland	4,823			2,235	7,138	6,251	5,782	6,012
Hungary	5,150	13,150	61,350	61,350	61,350	28,215	193	(3)
Italy [4]	6,400	6,400	6,400	9,640	12,860	12,860	12,860	(3)
Rumania	144,678	133,361	95,745	83,817	82,017	71,342	91,308	(3)
Spain						1,961	2,025	3,729
Sweden	195,894	208,980	191,297	176,829	135,033	124,327	69,092	91,630
Asia:								
Cyprus	19,626	13,111	21,686	7,595	4,165	1,292		
Formosa	130,228	107,711	118,910	92,768	50,241	24,963	592	(3)
India (British)	316,504	289,357	285,945	256,399	252,353	187,191	168,407	(3)
Korea	697,670	996,672	913,080	868,069	411,529	118,957	96,452	(3)
Philippines [5]	990,569	1,140,126	1,144,332	158,726	13,764		13,490	(3)
Saudi Arabia	12,943	29,992	28,123	36,812	49,353	8,683	37,972	(3)

Africa:								
Bechuanaland	17,218	18,015	14,509	15,445	12,966	11,575	11,299	9,739
Belgian Congo and Ruanda-Urundi	545,000	564,000	567,000	514,400	451,150	363,600	347,000	331,307
British East Africa:								
Kenya	77,444	77,243	72,147	56,771	45,118	42,259	38,517	29,892
Tanganyika	130,366	142,058	144,312	107,115	69,527	55,148	49,303	48,428
Uganda	15,115	13,100	9,505	9,408	3,820	2,503	2,352	2,402
Cameroons, French	14,555	15,760	20,560	20,765	19,625	18,378	14,668	(3)
Egypt	3,877	7,344	2,868	1,768	890	1,063	3,014	(3)
Ethiopia [4]						63,720	50,000	46,000
Liberia	[6] 6,536	11,761	20,370	22,469	30,823	30,772	[6] 9,016	(3)
Madagascar [7]	11,218	11,580	14,210	8,887	9,183	9,385	6,426	3,900
Portuguese East Africa	10,325	10,796	9,042	6,533	6,481	7,577	7,953	5,766
Rhodesia, Northern	4,643	[r] 5,782	3,401	1,134	703	309	266	[6] 6,838
Rhodesia, Southern	795,613	826,485	790,442	760,030	656,684	592,729	568,241	544,596
South West Africa	1,500	(1)	531	212	169	97	91	(3)
Swaziland	983	1,080	568	1,129	2,734	2,299	3,583	(3)
Union of South Africa	12,821,507	14,046,502	14,407,649	14,126,852	12,804,379	12,279,629	12,224,629	11,927,165
Oceania:								
Australia	1,645,697	1,643,999	1,496,698	1,153,787	751,279	656,807	[r] 657,210	(3)
Fiji	107,789	111,332	118,681	90,973	[r] 61,505	[r] 40,407	94,964	82,401
New Zealand	178,955	185,665	174,656	165,986	149,150	142,287	128,364	119,271

[r] Revised.
[1] Exports to the United States.
[2] United States mint receipts.
[3] Data not available.
[4] Approximate.
[5] Refinery production in the United States.
[6] Exports.
[7] Not fine.
[8] Includes accumulated refinery slimes.

World production of silver 1939–46 (subject to revision)

Country	1939	1940	1941	1942	1943	1944	1945	1946
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States (refinery production)	63,871,972	68,286,535	71,075,332	55,859,658	40,874,000	35,651,049	29,046,047	21,103,269
Canada	22,775,374	23,833,752	21,754,408	20,695,101	17,230,939	13,627,109	12,942,906	[1] 12,676,928
Mexico	75,870,577	82,640,077	78,363,964	84,864,426	86,371,556	73,502,804	61,997,779	43,262,410
Newfoundland and Labrador	474,228	438,950	490,671	528,528	616,441	558,787	664,781	599,048
Central America:								
Costa Rica [2]	11,277	10,309	9,104	10,422	4,970	3,131	1,040	884
El Salvador [r]	[3] 116,742	[3] 168,541	[3] 245,522	[3] 191,184	[3] 462,073	[3] 304,813	[3] 218,888	[3] 313,237
Honduras	4,168,378	3,735,315	3,472,044	2,930,349	2,956,737	3,248,856	3,042,604	[4] 2,981,247
Nicaragua	234,719	245,047	283,958	276,846	252,318	321,530	240,197	[4] 262,924
South America:								
Bolivia [5]	7,241,376	5,626,372	7,362,520	8,139,378	7,299,561	6,797,213	6,683,560	6,106,157
Brazil	27,605	24,694	21,174	25,733	30,049	28,723	28,385	21,968
Chile [5]	1,174,049	1,571,496	1,233,495	1,000,000	1,095,542	1,000,000	1,000,000	532,700
Colombia	242,628	260,310	271,115	246,276	209,957	197,321	118,587	152,474
Ecuador	104,519	172,292	274,335	260,771	362,013	441,345	255,965	243,250
Peru	17,644,649	19,366,096	15,119,047	16,035,022	14,659,744	15,832,215	12,886,661	12,334,150

See footnotes at end of table.

World production of silver 1939–46 (subject to revision)—Continued

Country	1939	1940	1941	1942	1943	1944	1945	1946
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Europe:			220	3,119	11,028			
Austria				22,567	59,223	46,896	29,471	137,420
Finland	61,086					614,300	3,200	(6)
Hungary	112,530	312,530	[5] 1,237,800	[5] 1,237,800	[5] 1,237,800	643,010	643,010	(6)
Italy [3]	482,260	482,260	482,260	643,010	643,010	643,010	131,818	
Norway	295,787	282,927	257,206	253,991	231,485	170,399	189,689	197,707
Rumania	712,718	500,233	140,692	89,186	104,619	71,310	207,565	(6)
Spain	30,511	253,380	173,083	177,151	210,459	228,495	746,090	302,924
Sweden	658,704	762,198	756,443	963,847	856,914	1,036,669	26,968	824,667
United Kingdom	70,818	81,496	57,942	45,902	32,916	33,742		(6)
Asia:								
Cyprus	134,583	59,509	103,232	34,558	13,338	7,611		
Formosa	338,229	299,148	288,486	235,987	212,140	130,004	3,156	(6)
Korea	3,719,213	3,661,511	3,413,549	3,200,000	2,900,000	2,847,222	(6)	(6)
Philippines [7]	1,247,541	1,299,199	1,260,097	231,197	26,071		17,208	(6)
Saudi Arabia	14,544	35,115	33,801	48,344	56,286	7,290	28,255	(6)
Africa:								
Bechuanaland	814	1,175	949	1,267	1,221	1,319	1,236	1,701
Belgian Congo and Ruanda-Urundi	2,314,750	3,536,400	3,472,000	3,922,200	3,118,500	2,625,000	4,138,000	5,043,165
British East Africa:								
Kenya	12,394	13,626	15,643	15,602	16,354	11,498	16,659	5,494
Tanganyika	27,999	36,735	40,143	25,242	18,140	17,119	21,749	21,179
Uganda	1,376		1,005	1,127	468	306		
Portuguese East Africa								805
Rhodesia, Northern	80,136	312	45,699	104	41		2,258	[8] 634,392
Rhodesia, Southern	173,556	186,080	170,364	163,776	119,322	103,776	95,974	95,168
Swaziland						78	163	(6)
Union of South Africa	1,182,516	1,292,284	1,482,903	1,477,557	1,334,042	1,213,051	1,243,435	1,207,373
Oceania:								
Australia	15,021,270	14,837,430	14,861,275	13,559,880	9,857,995	8,340,887	[5] 7,368,999	(6)
Fiji	16,115	23,029	30,383	28,911	[r] 19,048	[r] 9,355	29,398	26,351
New Zealand	390,342	415,330	378,331	311,360	280,786	328,281	244,544	224,341

[r] Revised.
[1] Preliminary.
[2] United States Mint receipts.
[3] Exports.
[4] Exports to the United States.
[5] Approximate.
[6] Data not available.
[7] Refinery production in the United States.
[8] Accumulated refinery slimes.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1951

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS FOR THE CALENDAR YEAR 1950

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THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30
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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1951

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., August 28, 1951.

SIR: In compliance with the provisions of section 345 of the Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1951, being the Seventy-ninth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1950.

OPERATIONS OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

The principal functions of the Bureau of the Mint consist of the manufacture of domestic and foreign coins; the acquisition of gold and silver, payments for which are made on the basis of mint assays; the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and issued; the refining of gold and silver; the administration of regulations pertaining to gold and silver, including the issuance of licenses for the acquisition, ownership, possession, use, and exportation of gold for industrial, professional, and artistic purposes; and the production of medals and other decorations.

The Office of the Director of the Mint in Washington administers all activities of the Bureau of the Mint. During the fiscal year 1951 seven field institutions were in operation: Coinage mints in Philadelphia, San Francisco, and Denver; assay offices in New York City and Seattle; the gold bullion depository in Fort Knox, Ky.; and the silver bullion depository in West Point, N. Y., which operates as an adjunct of the New York Assay Office. Electrolytic refineries are maintained at the San Francisco, Denver and New York City institutions. The Medal Department is located at the Philadelphia Mint. At the close of the fiscal year 1951 there were 966 employees in the departmental and field institutions compared with 943 at the beginning of the year.

Domestic coinage.—Production of United States coins during the fiscal year 1951 totaled 1,157,820,778 pieces with a value of $53,494,591, and a gross weight of 4,374 tons. Subsidiary silver coins consumed 30,954,961 fine ounces (1,061 tons) of silver. Minor coins consumed 2,990 tons of copper, 56 tons of nickel, and 148 tons

of zinc and tin. Production of each mint is shown in the following table.

United States coinage during the fiscal year 1951

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER (900 FINE)					
Half dollars:					
Regular	$3,466,108.00	$1,637,000.00	$3,469,800.00	$8,572,908.00	17,145,816
Commemorative: Booker T. Washington	30,006.50	6,002.00	6,002.00	42,010.50	84,021
Quarter dollars	7,305,237.00	2,996,001.00	7,702,100.00	18,003,338.00	72,013,352
Dimes	7,951,855.70	3,012,000.00	5,210,300.00	16,174,155.70	161,741,557
Total silver	18,753,207.20	7,651,003.00	16,388,202.00	42,792,412.20	250,984,746
MINOR					
Five-cent pieces (cupro-nickel)	504,571.60	388,800.00	1,148,901.50	2,042,273.10	40,845,462
One-cent pieces (bronze)	2,924,405.70	1,260,450.00	4,475,050.00	8,659,905.70	865,990,570
Total minor	3,428,977.30	1,649,250.00	5,623,951.50	10,702,178.80	906,836,032
Total domestic coinage	22,182,184.50	9,300,253.00	22,012,153.50	53,494,591.00	1,157,820,778

Foreign coinage.—Coins produced for four other governments during the fiscal year 1951 totaled 22,050,000 pieces with a metal content of 89 tons. Details are shown in the following table:

Coinage by the United States mints for other countries during the fiscal year 1951

Country and denomination	Composition	Gross weight per coin	Coinage by mint at—		
			Philadelphia	San Francisco	Total [1]
Dominican Republic:		*Grams*	*Pieces*	*Pieces*	*Pieces*
50 centavos	900 silver, 100 copper	12.5	200,000		200,000
10 centavos	do	2.5	500,000		500,000
5 centavos	75 copper, 25 nickel	5	2,000,000		2,000,000
1 centavo	95 copper, 5 zinc and tin	3	3,000,000		3,000,000
Total			5,700,000		5,700,000
El Salvador:					
10 centavos	75 copper, 25 nickel	7		1,000,000	1,000,000
5 centavos	do	5		2,000,000	2,000,000
1 centavo	95 copper, 5 zinc	2.5		10,000,000	10,000,000
Total				13,000,000	13,000,000
Honduras:					
50 centavos	900 silver, 100 copper	6.25	500,000		500,000
20 centavos	do	2.5	1,500,000		1,500,000
10 centavos	75 copper, 25 nickel	7	1,000,000		1,000,000
Total			3,000,000		3,000,000
Syria:					
1 pound	900 gold, 100 copper	6.7585⅓	250,000		250,000
½ pound	do	3.3792⅔	100,000		100,000
Total			350,000		350,000
Grand total			9,050,000	13,000,000	22,050,000

[1] No coinage for other countries at the Denver Mint during the fiscal year.

Issue of domestic coins.—United States coins issued by the mints during the fiscal year totaled 1,531,094,198 pieces with a value of $76,339,255.27. Denominations were as follows:

Denomination	Number of pieces issued	Face value
Silver dollars	8,416,000	$8,416,000.00
Half dollars	29,095,785	14,547,892.50
Quarter dollars	77,240,517	19,310,129.25
Dimes	178,298,652	17,829,865.20
5-cent pieces	96,373,397	4,818,669.85
1-cent pieces	1,141,669,847	11,416,698.47
Total	1,531,094,198	76,339,255.27

Stock of coins.—The estimated stock of coins in the United States as of June 30, 1951 totaled $1,922,840,544, of which $492,248,551 were silver dollars, $1,041,945,901 were subsidiary coins, and $388,646,092 were minor coins.

Medals.—The number of service medals and other distinguishing devices delivered to the Department of Defense and other Government departments and agencies totaled 31,424 during the fiscal year 1951. In addition, there were 2,766 medals sold to the public.

Engraving department.—The number of coinage dies issued by the engraving department during the fiscal year totaled 6,960, of which 6,653 were domestic and 307 were foreign dies.

Bullion deposit transactions.—Bullion deposit transactions at the mints and assay offices totaled 10,148, including 23 intermint transfers during the fiscal year 1951. These transactions required a total of 15,656 assay determinations, including 1,123 determinations for intermint transfers.

Acquisitions of gold.—Deposits and purchases of gold during the fiscal year totaled $101,268,408.80 classified as follows:

[On quantity basis, see Bases Used for Mint Service Statistics]	*Value*
Purchases at $20.67+ per fine ounce	$1,624.67
Increment to $35 per fine ounce	1,124.69
Purchases at $35 per fine ounce	85,147,071.62
Domestic coin transferred (melted)	195,001.81
Intermint transfers	15,923,586.01
Total value at $35 per ounce	101,268,408.80

Acquisitions of silver.—During the fiscal year deposits and purchases of silver totaled 141,771,633 fine ounces, classified as follows:

[On quantity basis, see Bases Used for Mint Service Statistics]	*Number of fine ounces*
Newly mined domestic silver	38,070,247
Silver contained in gold deposits, etc	134,541
Silver received in exchange for Government-stamped bars	529,677
Recoinage bullion from uncurrent subsidiary coin	1,576,145
Recoinage bullion from uncurrent silver dollars	249,120
Intermint transfers of silver	209,293
Deposits of silver in trust by foreign governments	380,167
Redeposits [1]	100,622,443
Total	141,771,633

[1] Consists of Treasury stock previously held by certain agencies of the Federal Government.

Refinery production of gold and silver.—During the fiscal year the refineries produced 1,243,417 fine ounces of gold and 1,232,431 fine ounces of silver by the electrolytic process. In addition, 3,302,176 fine ounces of gold and 47,771 fine ounces of silver were subject to fire process only.

Issue bars manufactured.—The mints and assay offices manufactured a total of 34,160 issue bars containing 3,845,431 fine ounces of gold and a total of 1,756 issue bars containing 559,949 fine ounces of silver during the fiscal year.

Stock of unrefined bullion.—At the close of the fiscal year the stock of unrefined bullion at the mints and assay offices, in terms of the assayed fine metal content, amounted to 968 tons of gold and 570 tons of silver.

Monetization of silver bullion.—Silver certificates in the amount of $34,391,919 were issued by the Treasury during the fiscal year against 26,600,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Seigniorage, representing the difference between the cost and the monetary value of silver, amounted to $10,317,575.57.

Sales of gold for industrial use.—Sales of gold bars to licensed purchasers for industrial, professional, and artistic use totaled $86,345,449.53 during the fiscal year. Sales, by month, are shown in the following table:

[On value basis, see Bases Used for Mint Service Statistics]

Month	Value of gold bars issued	Month	Value of gold bars issued
1950:		1951:	
July	$4,837,253.37	January	$9,396,413.10
August	10,783,229.88	February	9,821,318.76
September	9,015,586.69	March	5,934,617.15
October	10,800,470.17	April	3,296,799.86
November	8,714,089.23	May	3,415,443.95
December	6,756,342.39	June	3,573,884.98
		Total	86,345,449.53

Sales of silver for industrial use.—Sales of silver at $0.91 per fine ounce under the act of July 31, 1946, amounted to 1,628,065 fine ounces during the year.

Stock of monetary bullion.—The United States stock of gold bullion held by the mint institutions totaled 621,594,567 fine ounces valued at $21,755,809,831 on June 30, 1951. On the same date the mint institutions held 1,260,490,640 fine ounces of silver bullion and, in addition, 79,151,820 fine ounces of silver bullion in special custody account for the Treasurer of the United States. This class of silver was formerly held by the Office of Reconstruction Finance Corporation, and is being melted and cast into regular mint bars.

Receipts and disbursements of gold bullion.—Receipts and disbursements of gold bullion during the fiscal year 1951, and balances on

hand June 30, 1951, as compared with June 30, 1950, are shown in the following table:

Institution	Balance on hand June 30, 1950	Receipts during fiscal year 1951 (details below) [1]	Total	Disbursements during fiscal year 1951 (details below) [1]	Balance on hand June 30, 1951
Philadelphia	$3,972,524.89	$5,021,343.46	$8,993,868.35	$4,951,917.69	$4,041,950.66
San Francisco	508,122,951.80	31,193,467.85	539,316,419.65	1,609,410.20	537,707,009.45
Denver	5,774,108,464.88	23,126,588.07	5,797,235,052.95	2,695,626.13	5,794,539,426.82
New York	5,460,274,999.63	30,859,252.56	5,491,134,252.19	2,555,673,938.85	2,935,460,313.34
Seattle	738,700.53	10,713,756.86	11,452,457.39	10,806,687.26	645,770.13
Fort Knox	12,483,415,360.28		12,483,415,360.28		12,483,415,360.28
Total	24,230,633,002.01	100,914,408.80	24,331,547,410.81	2,575,737,580.13	21,755,809,830.68

[1] Includes transfers.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including melted coin)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total receipts
Philadelphia	$1,866,923.28	$2,015.72	$3,152,096.99	$307.47	$5,021,343.46
San Francisco	20,363,518.08	19,537.60	10,810,187.26	224.91	31,193,467.85
Denver	23,120,381.71	4,316.67	1,750.00	139.69	23,126,588.07
New York	28,854,180.47	46,898.12	1,957,946.24	227.73	30,859,252.56
Seattle	10,712,288.95	1,243.02		224.89	10,713,756.86
Fort Knox					
Total	84,917,292.49	74,011.13	15,921,980.49	1,124.69	100,914,408.80

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depositories	Sold in sweeps, manufactures, etc., and operating losses	Total disbursements
Philadelphia	$935,316.23	$1,957,946.24	$2,058,655.22	$4,951,917.69
San Francisco	1,578,630.72		30,779.48	1,609,410.20
Denver	2,684,685.56		10,940.57	2,695,626.13
New York	2,552,482,700.69	3,157,346.99	33,891.17	2,555,673,938.85
Seattle		10,806,687.26		10,806,687.26
Fort Knox				
Total	2,557,681,333.20	15,921,980.49	2,134,266.44	2,575,737,580.13

Melting and refining and coining departments.—The operations of the melting and refining and of the coining departments of the three mints and the New York Assay Office are shown in the table following. The data are based upon the figures obtained at the settlements of the accounts for the fiscal year 1951. Legal limits of wastage on the whole amount delivered by the superintendent to the operative offices, as prescribed in section 3542 of the Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

Operations of the melting and refining and of the coining departments, fiscal year 1951

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	357, 897	357, 886	168, 532	358		11	0. 0653
Coining	160, 006	160, 006	160, 006	160			
San Francisco Mint:							
Melting and refining	5, 273, 625	5, 273, 360	2, 274, 209	5, 273		265	. 1165
Coining	1	3			2		
Denver Mint:							
Melting and refining	16, 835, 542	16, 835, 649	16, 835, 649	16, 836	107		
Coining							
New York Assay Office:							
Melting and refining	15, 603, 351	15, 604, 674	5, 659, 003	15, 603	1, 323		
Total melting and refining	38, 070, 415	38, 071, 569	24, 937, 393	38, 070	1, 430	276	. 0111
Total coining	160, 007	160, 009	160, 006	160	2		
Grand total	38, 230, 422	38, 231, 578	25, 097, 399	38, 230	1, 432	276	. 0111

SILVER BULLION

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	109, 402, 004	109, 415, 827	26, 590, 820	164, 103	13, 823		
Coining	25, 573, 495	25, 561, 470	25, 322, 066	25, 573		12, 025	0. 4749
San Francisco Mint:							
Melting and refining	51, 012, 610	51, 013, 254	11, 189, 490	76, 518	644		
Coining	10, 024, 613	10, 023, 738	10, 024, 613	10, 025		875	. 0873
Denver Mint:							
Melting and refining	189, 572, 873	189, 582, 777	189, 582, 777	284, 359	9, 904		
Coining	19, 381, 111	19, 378, 245	18, 048, 757	19, 381		2, 866	. 1588
New York Assay Office:							
Melting and refining	8, 776, 471	8, 776, 491	1, 348, 504	13, 165	20		
Total melting and refining	358, 763, 958	358, 788, 349	228, 711, 591	538, 145	24, 391		
Total coining	54, 979, 219	54, 963, 453	53, 395, 436	54, 979		15, 766	. 0295
Grand total	413, 743, 177	413, 751, 802	282, 107, 027	593, 124	24, 391	15, 766	. 0295

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	4, 711, 952	4, 651, 770	4, 711, 952			60, 182	12. 7722
Coining	7, 597, 999	7, 632, 897	3, 647, 505		34, 898		
San Francisco Mint:							
Melting and refining	5, 093, 515	5, 305, 123	3, 517, 658		211, 608		
Coining	2, 911, 831	2, 906, 506	2, 911, 831			5, 325	1. 8287
Denver Mint:							
Melting and refining	281, 569	280, 612	281, 569			957	3. 3988
Coining	4, 065, 571	4, 064, 738	3, 849, 460			833	. 2164
Total melting and refining	10, 087, 036	10, 237, 505	8, 511, 179		211, 608	61, 139	7. 1834
Total coining	14, 575, 401	14, 604, 141	10, 408, 796		34, 898	6, 158	. 5916
Grand total	24, 662, 437	24, 841, 646	18, 919, 975		246, 506	67, 297	3. 5569

Operations of the melting and refining and of the coining departments, fiscal year 1951—Continued

BRONZE COINAGE METAL

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	46,684,128	46,608,182	40,542,427			75,946	1.8732
Coining	46,434,440	46,275,241	45,885,655			159,199	3.4695
San Francisco Mint:							
Melting and refining	26,152,157	25,903,795	21,472,528			248,362	11.5665
Coining	22,440,479	22,431,213	22,440,479			9,266	.4129
Denver Mint:							
Melting and refining	70,548,221	70,544,660	70,548,221			3,561	.0505
Coining	73,063,286	72,937,190	68,804,489			126,096	1.8327
Total melting and refining	143,384,506	143,056,637	132,563,176			327,869	2.4733
Total coining	141,938,205	141,643,644	137,130,623			294,561	2.1480
Grand total	285,322,711	284,700,281	269,693,799			622,430	2.3079

Sweeps cellar operations.—The two following tables on sweeps cellar operations are for the fiscal years 1950 and 1951. The table for the fiscal year 1950 is a revision of that table appearing on page 7 of the 1950 Annual Report.

Sweeps cellar operations (includes crushed discarded melting pots, etc.), fiscal year 1950 (revised)

Institution	Source	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint	Melting and refining	47	4,680	7,140.868	31,792.36	8.713	10,430.89
	Coining	52	5,159		12,486.61	2.311	6,870.94
	Deposits	5	449			32.370	313.61
Total		104	10,288	7,140.868	44,278.97	43.394	17,615.44
San Francisco Mint	Melting and refining	164	12,511			30.711	2,567.93
	Refinery	382	44,879			907.549	2,228.54
	Coining	5	435			1.305	377.16
	Deposits	71	5,979	6.089	8.71	295.598	334.47
Total		622	63,804	6.089	8.71	1,235.163	5,508.10
Denver Mint	Refinery	847	92,073			587.583	4,900.83
	Coining						
	Deposits	62	6,120				328.79
Total		909	98,193			587.583	5,229.62
New York Assay Office	Refinery						
	Deposits	467	31,417			718.212	2,396.86
Total		467	31,417			718.212	2,396.86
Grand total		2,102	203,702	7,146.957	44,287.68	2,584.352	30,750.02

Sweeps cellar operations (includes crushed discarded melting pots, etc.), fiscal year 1951

Institution	Source	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint	Melting and refining	61	6,100		3,684.99	34.349	5,937.88
	Coining	65	6,487	3.064	1,345.49	1.423	7,483.17
	Deposits	4	359			45.587	153.96
Total		130	12,946	3.064	5,030.48	81.359	13,575.01
San Francisco Mint	Melting and refining	199	16,169			31.038	1,383.82
	Refinery	404	46,624			1,195.837	2,503.43
	Coining	6	570			1.518	417.92
	Deposits	18	1,554			12.646	79.42
Total		627	64,917			1,241.039	4,384.59
Denver Mint	Refinery	162	12,123			76.365	1,921.69
	Coining						
	Deposits	144	14,160			127.771	574.23
Total		306	26,283			204.136	2,495.92
New York Assay Office.	Refinery	1,003	70,440,034			1,167.411	7,821.18
	Deposits						
Total		1,003	70,440,034			1,167.411	7,821.18
Grand total		2,066	70,544,180	3.064	5,030.48	2,693.945	28,276.70

Bullion gains and losses and wastage of coinage metal and loss on sale of sweeps.—Data for these items for the fiscal year 1951 are shown in the two following tables.

Bullion gains and losses, fiscal year 1951

Item	Mint at—			Assay office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from melting and refining and coining operations	$10,583.72	$513.46	$8,705.60	$46,335.76		$66,138.54
Recovered incident to receipt of bullion deposits	1,212.42	2,096.54	653.29	585.64	$1,249.42	5,797.31
Gains on light weight and mutilated coin received for recoinage	39.56	7.89	24.15	.12		71.72
Gains on bullion shipments		1,616.44				1,616.44
Total gains	11,835.70	4,234.33	9,383.04	46,921.52	1,249.42	73,624.01
Wasted in refining and coining operations	9,603.11	9,867.19	1,436.07			20,906.37
Net gains	2,232.59	−5,632.86	7,946.97	46,921.52	1,249.42	52,717.64

Wastage of coinage metal and loss on sale of sweeps, fiscal year 1951

Item	Mint at—			New York Assay Office	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department					
Coining department	$9,207.43	$617.21	$1,436.07		$11,260.71
Nickel wastage:					
Melting and refining department	12.36		16.76		29.12
Coining department		98.84	14.58		113.42
Bronze wastage:					
Melting and refining department	1,178.40	588.84	59.73		1,826.97
Coining department	2,470.16	153.32	2,144.77		4,768.25
Loss on sale of sweeps			457.36		457.36
Total wastage and loss	12,868.35	1,458.21	4,129.27		18,455.83
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses	9,207.43	454.41	1,436.07		11,097.91
Silver wastage from silver profit fund		162.80			162.80
Nickel and bronze wastage from minor coinage profits	3,660.92	841.00	2,235.84		6,737.76
Nickel and bronze wastage offset by charges to foreign metal accounts					
Other wastages, and loss on sweeps from appropriations			457.36		457.36
Total reimbursements	12,868.35	1,458.21	4,129.27		18,455.83

Management Improvement Program.—The Bureau of the Mint for some years has been carrying on an active continuing program of appraisal and review of methods and practices followed in the several mint offices to assure that progress is maintained in the way of revising methods of operation and adopting new mechanisms as the practicability therefor becomes evident. This Management Improvement Program has been carried on by means of comprehensive cost accounting and performance appraisal, periodic production and progress reports, specific assignments designed to develop improvements, conferences of operating officials, appointment of special committees, and periodic inspections and surveys by capable persons of operations in all offices.

General employee interest, and enthusiasm for devising and effecting new and improved operational procedures, are continually stimulated through the use of special committees, cost reporting procedures, motion pictures of mint functions and of private industrial operations similar to those of the mint, showing of safety films, encouragement of the Cash Awards Program, and similar methods. A spirit of competition between mints, fostered through comparative cost statements and use of motion pictures, has produced a thorough cost consciousness on the part of officials, supervisors and workers with beneficial production economies.

Individual Management Improvement Committees have recently been formed in each of the large mint plants for the purpose of making a continuing survey and study of any operational problems that may exist with a view of determining means by which they may be solved. These Committees are wide-awake, earnest groups capable of devising and adopting more efficient operating methods wherever practicable. Monthly meetings are conducted with the intention of maintaining a lively current interest in this program. Members are requested to

attend meetings prepared to present and discuss operational problems in their plant, and also to appraise management reports from other mint institutions for the purpose of adopting established improvement measures from the other offices wherever practicable.

A conference of superintendents of the three mints and the New York Assay Office was held in the Director of the Mint's office during the month of March 1951. Operating problems common to all offices were discussed for the purpose of improving operations wherever possible. The conference covered all phases of operations in the several mint offices, including the Management Improvement Program, planning for any emergency, microfilming of records, use of motion pictures for employee training program, operational costs at each of the offices—by functions, adoption of more efficient methods where practicable, elimination of any unnecessary operations on a calculated risk basis, and numerous related subjects. At the conclusion of the conference, the superintendents of the western mints visited the Philadelphia Mint and the New York Assay Office and reviewed operations at those plants.

The area of greatest accomplishment potential in the Mint Service is in the coinage field. Mechanical and operational procedures employed in the three mints have been practically revolutionized during recent years. New types of equipment have not only been purchased, but also designed and constructed, and even invented, for increasing coinage output and reducing cost. These innovations are not limited to any individual plant, but due chiefly to space limitations and funding requirements, separate and unique mechanisms have been adopted at each production location.

The new type of melting and rolling equipment installed in the Denver Mint a few years ago, permitting substitution of a 400 pound bronze ingot for the former 6 pound standard size, has proved to be most successful as evidenced by substantial cost decreases for that denomination. During the past year, strip and coil annealing machinery required for processing nickel and silver with the new equipment, has been installed at Denver and experimental operations on processing of these alloys have been practically completed. Although the new type of equipment was designed primarily for bronze operations, it now appears highly probable that all future processing of silver and nickel alloys at that plant will be performed with the large melting and rolling equipment. Installation of a new type of coin blank annealing equipment was also completed at the Denver Mint during the past year. This equipment represents a definite improvement over a similar type installed recently at another mint plant, which resulted in a substantial cost decrease for that particular operation.

The new type of water cooled mold, invented by technicians at the Philadelphia Mint, was originally planned for operations on silver denominations. This mechanism has now been successfully redesigned and converted to operations on bronze and nickel alloys. Together with the adaptation of this invention to these alloys, a wider more efficient ingot has now been adopted permitting alleviation of physical strain on rolling room personnel and resulting in increased production from rolling and blanking operations.

At the San Francisco Mint, it was former practice to use small individual ingots for each coinage denomination. Due to difference in

plant layout, building structure and equipment location limitations, it was not feasible to adopt Philadelphia's new water-cooled mold device. However, a new type of water-cooled mold was designed and constructed, completely different from the old style but fashioned somewhat after the Philadelphia type. The new type universal mold is used for all ingots of varying alloys and denominations. Coincident with that development, rolling operations have been modified and improved resulting in greater output and lower operating costs for both the melting and coining divisions.

Economy measures and improvement actions have not been limited to the coinage field, but have also been extended to other mint activities. In addition to the examples of specific improvements in coinage operations given above, a great number of other efficiency measures have been adopted. A Management Improvement Committee, composed of representatives from five mint offices, was appointed in March 1949 to survey the large mint field offices and to recommend improved methods and procedures for all operations wherever practicable. Following an intensive and exhaustive survey of the several offices, the Management Committee made approximately 150 individual suggestions for improvements in all types of mint operations. A majority of these recommendations, many of which pertain to physical procedures involving equipment usage, have since been adopted, resulting in important operating economies.

Because of numerous involved complexities, it is difficult to measure exactly the monetary savings resulting from the many production economies effected. With regard to the coinage function, however, where unit costs are employed, a comparison of yearly unit costs can be employed to determine the effectiveness of established improvements. Average salaries in the Mint Service have increased approximately 73 percent during the past several years, (since the fiscal year 1946). The cost of producing coin could also have been expected to increase 73 percent, or more in view of steadily rising costs for supplies and materials, etc., unless the adopted Management Improvement measures had proven to be effective. Coinage production costs for the fiscal year 1951 actually show decreases as compared with 1946 costs. These factors are shown in the following table:

Denomination	Cost of coinage per 1,000 pieces [1]		
	A 1946 fiscal year actual coinage costs	B Costs at present if they had risen proportionately with rise in salaries (73 percent)	C 1951 actual costs representing an average decrease of 6 percent from 1946 costs
1 cent	$1.59	$2.75	$1.21
5 cents	2.81	4.86	3.22
10 cents	2.12	3.67	2.10
25 cents	5.10	8.82	4.51
50 cents	8.25	14.27	7.59
Cost to produce 1,000 coins of each denomination	19.87	34.37	18.63

[1] Savings of approximately $2,078,000 are indicated by computing coinage costs at "B" rates and comparing with costs shown under "C" for actual coinage in fiscal 1951.

The Improvement Program of the Bureau of the Mint has also been extended to non-operational areas. A thoroughgoing survey and study was recently completed of the mint's general accounting procedures in conjunction with the Government-wide Joint Accounting Improvement Program. Improved procedures tending to strengthen the accounting and reporting structure were effected wherever possible. At the conclusion of this survey, the mint's General Accounting Manual was revised and rewritten. Accounting studies are continuing in other mint accounting fields, namely, Bullion and Monetary Accounting and Cost Accounting, and those accounting procedures will be thoroughly reexamined with consideration being given to revision and improvement of the Accounting Manuals for those two distinct types of accounting.

Annual Assay Commission of 1951.—Section 3547 of the Revised Statutes of the United States provides for an annual test of the domestic coinage executed during each calendar year by a commission of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 14 and 15, 1951, reported the following results of their examination of the 1950 coinage:

Annual assay coins reserved at various mints during the calendar year 1950

Denomination	Philadelphia		Denver		San Francisco	
	Pieces	Value	Pieces	Value	Pieces	Value
Half dollars	830	$415.00	826	$413.00	59	$29.50
Quarter dollars	2,562	640.50	2,134	533.50	1,031	257.75
Dimes	5,051	505.10	4,682	468.20	2,044	204.40
Total	8,443	1,560.60	7,642	1,414.70	3,134	491.65

REPORT OF THE COMMITTEE ON COUNTING

The committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins, in accordance with Title 31, Section 352, United States Code, were delivered to us by the Superintendent of the Mint at Philadelphia.

Verification of the coins reserved was made by checking same against the original record of coin deliveries and reservations for assay in respect to the mint at Philadelphia, and against transcripts furnished the committee showing reservations for assay from the mints at Denver and San Francisco.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected, the coins contained therein were counted, and the number of coins contained in each envelope is noted in tables for each mint.

REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 52 coins, consisting of 30 coins from the Philadelphia Mint, 12 coins from the Denver Mint, and 10 coins from the San Francisco Mint. These coins were taken from 40 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a

certificate from the Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitiveness, accuracy and reliability of which was tested and found adequate before the beginning of the work on February 14, and again on the morning of February 15.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of the denominations set forth below, as found from individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
1950	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollars	4.00	0.75	0.95	0.82	0.00	1.21	0.23
Quarter dollars	3.00	1.05	.98	.70	.20	.37	.35
Dimes	1.50	.24	1.05	.80	.80	.12	.15

REPORT OF THE COMMITTEE ON ASSAYING

In compliance with Title 31, Section 363, United States Code, the committee on assaying is pleased to report that the assays have been completed on samples taken from different lots of coin, representing all denominations of silver coined during the calendar year 1950, by the United States mints at Philadelphia, Denver and San Francisco.

No gold was coined at any of the mints during the year.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is six one-thousandths for silver coins.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	Fineness	
	Highest	*Lowest*
Philadelphia	901. 1	898. 2
Denver	900. 6	898. 6
San Francisco	900. 2	898. 6

Result of mass melting

	Fineness
Philadelphia	899. 5
Denver	899. 3
San Francisco	899. 5

The assay balances were tested and found to be in adjustment. The nitric acid used for assaying was found to be free of chlorine and the weights used for weighing the samples for assay were checked against a set that had been standardized by the National Bureau of Standards and delivered to the Commission by their representative.

Production and consumption of gold and silver in the United States.—During the calendar year 1950 the total production of gold and silver refined from ores mined in the several States and Alaska was as follows: Gold—2,288,708 fine ounces valued at $80,104,780; and silver—42,308,739 fine ounces.

Gold issued for use in the industrial arts in the United States during the calendar year 1950 aggregated $134,587,773, with a return from industrial use of secondary materials, including old jewelry, plate, scrap, etc., amounting to $36,742,020, giving a net consumption of gold amounting to $97,845,753 during the year.

Silver issued for use in industry and the arts in the United States during the calendar year 1950 aggregated 155,257,340 fine ounces, with a return from industrial use of secondary materials including old silverware, scrap, etc., amounting to 45,257,340 fine ounces, giving a net consumption of silver amounting to 110,000,000 fine ounces during the year.

Detailed tables on production and consumption appear in the next section of this Report.

Personnel of the Bureau of the Mint.—The number of employees assigned to various functions of the Bureau of the Mint on June 30, 1951, compared with June 30, 1950, is shown in the following table.

Bureau of the Mint	Established under act of—	Number of employees									Total	
		General	Coining	Melting and refining	Deposits	Guard force	Mechanical	Engraving	Assaying	Custodial force	June 30, 1951	June 30, 1950
Office of the Director	Feb. 12, 1873	57	----	----	----	----	----	----	----	----	57	52
Philadelphia Mint	Apr. 2, 1792	43	101	49	14	36	37	16	6	12	314	294
San Francisco Mint	July 3, 1852	20	38	40	8	25	23	----	8	6	168	178
Denver Mint	Apr. 21, 1862	28	63	51	6	27	30	----	6	8	219	208
New York Assay Office	Mar. 3, 1853	30	----	43	18	22	11	----	16	6	146	150
West Point Depository	June 22, 1936	----	----	----	----	16	1	----	----	----	17	15
Seattle Assay Office	May 21, 1898	3	----	----	3	2	----	----	2	----	10	12
Fort Knox Depository	Aug. 13, 1935	3	----	----	----	28	----	----	----	4	35	34
Total, June 30, 1951	----	184	202	183	49	156	102	16	38	36	966	----
Total, June 30, 1950	----	194	180	159	56	163	102	11	41	37	----	943

The foregoing report, covering the operation of the mints, assay offices, and the bullion depositories of the United States for the fiscal year ended June 30, 1951, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

HON. JOHN W. SNYDER,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1950

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1950

INTRODUCTION

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States mints and assay offices and at privately owned refineries. The mints and assay offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

The estimated industrial consumption of gold and silver is based upon issues by mints and assay offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials consumed.

Gold production.—A total of 2,288,708 fine ounces of gold valued at $80,104,780 was produced from ores mined in 16 states and the Territory of Alaska during the calendar year 1950. This represented an increase over the calendar year 1949 of 19 percent for the United States as a whole, with 11 states and Alaska accounting for the increase. South Dakota was again the State of leading production, followed by California, Utah, Alaska, Nevada, Colorado, and Arizona. A state by state comparison of output for the calendar years 1949 and 1950 is shown in the following tabulation:

Production of gold mined in the several States and Territory of Alaska (based upon arrivals at United States mints and assay offices and at private refineries)

State in which mined	Calendar year 1949		Calendar year 1950		Increase or decrease (−) in 1950	
	Fine ounces	*Value* [1]	*Fine ounces*	*Value* [1]	*Fine ounces*	*Percent* [2]
Alaska	226,666	$7,933,310	275,529	$9,643,515	48,863	21.6
Arizona	109,476	3,831,660	110,733	3,875,655	1,257	1.1
California	405,256	14,183,960	409,776	14,342,160	4,520	1.1
Colorado	101,685	3,558,975	124,053	4,341,855	22,368	22.0
Georgia	6	210				
Idaho	67,411	2,359,385	69,336	2,426,760	1,925	2.9
Montana	47,390	1,658,650	56,786	1,987,510	9,396	19.8
Nevada	124,697	4,364,395	169,576	5,935,160	44,879	36.0
New Mexico	8,004	280,140	6,574	230,090	−1,430	−17.9
North Carolina	13	455				
Oregon	14,862	520,170	10,361	362,635	−4,501	−30.3
Pennsylvania	1,721	60,235	2,051	71,785	330	19.2
South Dakota	454,534	15,908,690	571,834	20,014,190	117,300	25.8
Tennessee	176	6,160	106	3,710	−70	
Texas	65	2,275	55	1,925	−10	
Utah	300,022	10,500,770	392,289	13,730,115	92,267	30.8
Vermont	120	4,200	140	4,900	20	
Washington	59,598	2,085,930	89,413	3,129,455	29,815	50.0
Wyoming	247	8,645	96	3,360	−151	
Total	1,921,949	67,268,215	2,288,708	80,104,780	366,759	19.1

[1] Gold valued at $35 per fine troy ounce.
[2] Percentage change not calculated for States with lower output.

The grand total production of gold in the United States and its possessions since 1792 amounts to 284,376,445 fine ounces with a value of $6,673,706,670. For a summary of production for the calendar years 1792–1943, see page 36 of the *Annual Report of the Director of the Mint for the Fiscal Year Ended June 30, 1944*, and for later years each succeeding annual report.

Silver production.—A total of 42,308,739 fine ounces of silver was produced from ores mined in 21 states and the Territory of Alaska during the calendar year 1950. Idaho was again the state of leading production, followed by Montana, Utah, Arizona, Colorado, Nevada, and California. These 7 states accounted for 97 percent of the total production. Total production for the United States increased 21 percent over the previous year. A state by state comparison of the 1949 and 1950 production is shown in the following tabulation:

Production of silver mined in the several States and Territory of Alaska (based upon arrivals at United States mints and assay offices and at private refineries)

State in which mined	Calendar year 1949		Calendar year 1950		Increase or decrease (—) in 1950	
	Fine ounces	*Value* [1]	*Fine ounces*	*Value* [1]	*Fine ounces*	*Percent* [2]
Alaska	42,451	$38,420	50,471	$45,679	8,020	18.9
Arizona	4,977,719	4,505,087	5,089,067	4,605,863	111,348	2.2
California	792,922	717,634	1,000,315	905,336	207,393	26.2
Colorado	2,852,449	2,581,610	3,342,669	3,025,284	490,220	17.2
Georgia	1,707	1,545				
Idaho	9,921,891	8,979,812	15,993,035	14,474,504	6,071,144	61.2
Illinois	2,176	1,969	6,882	6,229	4,706	
Michigan	2,000	1,810	420	380	—1,580	
Missouri	58,255	52,724	233,166	211,027	174,911	300.2
Montana	6,706,780	6,069,975	7,177,665	6,496,149	470,885	7.0
Nevada	1,878,498	1,700,136	1,634,222	1,479,053	—244,276	—13.0
New Mexico	516,300	467,278	365,007	330,350	—151,293	—29.2
New York	5,376	4,866	33,288	30,127	27,912	
North Carolina	1	1				
Oregon	14,154	12,810	11,944	10,810	—2,210	—15.6
Pennsylvania	11,331	10,255	10,527	9,527	—804	
South Dakota	105,479	95,464	142,863	129,298	37,384	35.4
Tennessee	43,291	39,181	26,139	23,657	—17,152	—39.6
Texas	5,126	4,639	3,553	3,216	—1,573	
Utah	6,574,299	5,950,073	6,798,701	6,153,168	224,402	3.4
Vermont	27,441	24,835	27,861	25,216	420	1.5
Virginia	53	48	177	160	124	
Washington	404,823	366,385	357,918	323,934	—46,905	—11.6
Wyoming	32	29	2,849	2,578	2,817	
Total	34,944,554	31,626,586	42,308,739	38,291,545	7,364,185	21.1

[1] Valued at $0.905+ per fine ounce, the purchase price of the Treasury for newly mined domestic silver, in accordance with the act of July 31, 1946.
[2] Percentage change not calculated for States with lower output.

The grand total production of silver in the United States and its possessions since 1792 amounts to 4,067,186,773 fine ounces. For a summary of production for the calendar years 1792–1943, see page 36 of the *Annual Report of the Director of the Mint for the Fiscal Year Ended June 30, 1944*, and for later years, each succeeding annual report.

Gold and silver consumption.—During the calendar year 1950 the United States mints and assay offices, private refiners, and dealers in the United States issued for industrial, professional, and artistic use, gold in the amount of $97,845,753, and silver in the amount

of 110,000,000 fine ounces. Details are shown in the following statement:

Item	Gold	Silver
	Value [1]	*Fine ounces*
Government-stamped bars issued by mints and assay offices	$80,383,098	[2] 529,166
Bullion in various forms issued by private refiners and dealers	54,204,675	154,650,830
United States coin (estimated)		77,344
Total amount of material issued	134,587,773	155,257,340
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	36,742,020	45,257,340
Net amount of material issued	97,845,753	110,000,000

[1] Gold valued at $35 per fine ounce.
[2] There were no sales of silver under authority of the act of July 31, 1946, during the calendar year 1950.

The value of fine gold bars issued monthly in exchange for cash for industrial, professional, and artistic use, by the United States mints and assay offices, during the calendar year 1950, was as follows:

[On value basis, see Bases Used for Mint Service Statistics]

1950	Value of gold bars issued	1950	Value of gold bars issued
January	$7,106,230.21	July	$4,837,253.37
February	5,978,765.96	August	10,783,229.88
March	4,414,414.39	September	9,015,586.69
April	3,635,490.33	October	10,800,470.17
May	2,818,062.61	November	8,714,089.23
June	5,523,162.72	December	6,756,342.39
		Total	80,383,097.95

REVIEW OF GOLD AND SILVER MINING INDUSTRY

A review of the gold and silver mining industry in the various States and Alaska for the calendar year 1950, for which acknowledgment is made to the Bureau of Mines, United States Department of the Interior, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

Gold output in Alaska in 1950—following a 2-year decline—increased to the highest point since 1942. The recorded production of 289,272 fine ounces (in terms of recoverable metal) valued at $10,124,520 was 26 percent above the total for 1949, according to Alfred L. Ransome, Juneau Office, Bureau of Mines, Region I, United States Department of the Interior. Silver production of 52,638 fine ounces valued at $47,640 was 46 percent above the output in 1949. Comparative production (and value) in 1949 was: Gold, 229,416 ($8,029,560); and silver, 36,056 ($32,633).

The surprising gain in the recorded production of gold was accomplished despite the fact that a smaller number of men was employed at 11 lode and 216 placer operations in 1950 compared with 18 and 223, respectively, in 1949. An unusually dry season in the Territory resulted in a cessation of activity at a number of operations and curtailment at others in several districts in the Yukon River Basin and Seward Peninsula regions. Adverse economic conditions continued to harass the industry, and the gain in gold output was the result of increased production from a few of the larger operations, particularly those using bucket-line dredges, and to an over-all greater efficiency in labor and equipment at many of the operations using mechanical methods of placer mining. The sale of unprocessed or "natural" gold on the open market at prices in excess of the U. S. Treasury price of $35 per fine ounce was considerably less in volume than in 1949. The recorded production for 1950 includes 5,461 fine ounces of gold contained in natural gold sold on the open market. Specific and accurate data regarding natural gold sales are not readily obtained. From available information it can be assumed that natural gold originating from Alaskan mines and sold in 1950 was substantially less than the estimated 22,000 ounces sold in 1949, which total is probably higher than the actual figure.

The greatest proportion of gold came from a relatively few mines; the leading 15 gold-producing mines (14 placer and 1 lode) in 1950 yielded 76 percent of the total recorded gold output. The five principal producers, which accounted for 62 percent of the total Alaska output of gold, were in order of output: United States Smelting, Refining & Mining Co., Fairbanks Unit, Fairbanks district (bucket-line dredges); United States Smelting, Refining & Mining Co., Nome Unit, Nome district (bucket-line dredges); New York-Alaska Gold Dredging Corp., Tuluksak-Aniak district (bucket-line dredges); Brinker-Johnson Co., Fairbanks district (bucket-line dredge); and Alaska Pacific Consolidated Mining Co., Independence mine, Willow Creek district (gold ore).

Of the silver produced in Alaska in 1950, 76 percent was a byproduct of gold mining, and 24 percent came from lead ore. The most important producer of silver in 1950 was the United States Smelting, Refining & Mining Co. which recovered silver as a byproduct of bucket-line dredging operations in the Fairbanks district, Yukon River Basin region, and the Nome district, Seward Peninsula region.

ARIZONA

Gold production in Arizona in 1950 was 118,313 fine ounces valued at $4,140,955, a 9-percent gain over the output of 108,993 fine ounces in 1949 valued at $3,814,755, according to Paul Luff of the United States Department of the Interior, Bureau of Mines. Most of the gold, as well as silver, produced in the State is a byproduct

of copper ore and zinc-lead ore, and in 1950 these two classes of ore yielded 103,311 ounces of gold (87 percent of the State total) compared with 99,164 ounces in 1949. Copper ore yielded 79,567 ounces of gold (78,735 ounces in 1949); zinc-lead ore, 23,744 ounces (20,429 ounces in 1949); zinc-copper ore, 6,334 ounces (4,336 ounces in 1949); lead ore, 4,685 ounces (1,710 ounces in 1949); siliceous ores, 3,756 ounces (3,081 ounces in 1949); and zinc ore, 85 ounces.

The quantity of gold recovered from lode mines increased from 108,428 ounces in 1949 to 118,171 ounces in 1950, but that from placers declined from 565 ounces to 142 ounces. Concentrates smelted yielded 95,650 ounces of gold; crude ore smelted, 22,336 ounces; and ore amalgamated, 185 ounces.

About 80 percent of the State gold in 1950 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts increased from 96,498 ounces in 1949 to 104,144 ounces in 1950. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the Iron King mine, Yavapai County; the Magma mine, Pinal County; the Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the Morenci branch of the Phelps Dodge Corp., Greenlee County; and the United Verde branch of the Phelps Dodge Corp., Yavapai County. These six properties, all copper mines except the Iron King and part of the Copper Queen, produced 88 percent of the State total gold.

The total gold production in Arizona, in terms of recoverable metal, from 1860 through 1950 has been 11,300,812 ounces valued at $283,023,575.

The output of recoverable silver in Arizona in 1950 was 5,325,441 fine ounces valued at $4,819,793, an increase of 7 percent in quantity and value compared with the 1949 output of 4,970,736 fine ounces valued at $4,498,767. An increase in production of silver from copper ore in 1950 prevented a decline in the State silver output. In 1950 copper ore and zinc-lead ore yielded 4,459,176 ounces of silver (84 percent of the State total) compared with 4,332,989 ounces in 1949. Copper ore yielded 2,853,599 ounces of silver, an increase of 441,240 ounces (18 percent) over 1949, and zinc-lead ore 1,605,577 ounces, a decrease of 315,053 ounces (16 percent). Siliceous ores yielded 441,839 ounces of silver (328,295 ounces in 1949); zinc-copper ore, 354,302 ounces (198,089 ounces in 1949); lead ore, 51,122 ounces (76,822 ounces in 1949); and zinc-lead-copper ore, zinc ore, and lead-copper ore, 19,002 ounces. Concentrates smelted yielded 4,036,319 ounces of silver; crude ore smelted, 1,289,047 ounces; and ore amalgamated, 75 ounces.

About 75 percent of the State total silver in 1950 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts increased from 3,736,594 ounces in 1949 to 3,994,546 ounces in 1950. The Phelps Dodge Corp., with a slightly higher output than in 1949, continued to be the chief silver producer in Arizona; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 52 percent of the State silver output in 1950. Other large silver producers were the Iron King, Magma, Ash Peak, San Xavier (Eagle-Picher Mining & Smelting Co.), Flux, St. Anthony, and Ray (Kennecott Copper Corp.) properties.

The total silver production in Arizona, in terms of recoverable metal, from 1860 through 1950 has been 312,390,415 ounces valued at $235,096,679.

CALIFORNIA

California gold yield in 1950, following the diminishing trend begun in 1948, dropped one percent below the 1949 output owing to decreases at both lode and placer mines, according to R. B. Maurer of the United States Department of the Interior, Bureau of Mines, whereas silver, reflecting the expanded base-metal output in 1950, rose 37 percent over 1949.

The maximum monthly production of gold for 1950, 40,723 ounces, was recorded in March. The low monthly output of 29,547 ounces in November resulted largely from reduced yield at placer mines under flood conditions.

The production of recoverable gold from California ores, gravels, and re-treated tailings in 1950 was 412,118 fine ounces (including a relatively small quantity in "natural" gold and amalgam sold at premium prices) valued at $14,424,130 compared to 421,473 fine ounces valued at $14,603,085 in 1949. In 1950, 243 lode mines produced 163,815 ounces of gold valued at $5,733,525 and 186 placer mines produced 248,303 ounces of gold valued at $8,690,605. Placer mines supplied 60

percent and lode mines 40 percent of the total gold in 1950, the ratio remaining unchanged compared to 1949.

Of the gold derived from lode operations, 95 percent was recovered from gold ore, 3 percent from lead ore, and the remainder from copper ore, zinc ore, zinc-lead ore, gold-silver ore, silver ore, and lead-copper ore. Metallurgical data show that 66 percent of the lode gold in 1950 (59 percent in 1949) was recovered by amalgamation of ore and old tailings, 28 percent (33 percent in 1949) by cyanidation of ore, concentrates, and old tailings, 3 percent (5 percent in 1949) by smelting of concentrates, and 3 percent (3 percent in 1949) by smelting ore and old tailings.

The yardage of material washed at placer mines decreased 1 percent, and the output of placer gold dropped almost 1 percent in 1950. Lode gold production decreased nearly 2 percent whereas tonnage of material treated increased 11 percent.

In the following data on placer mining, 1949 figures are given in parentheses. Floating dredges of the bucket-line type washed 82,514,000 (83,571,900) cubic yards of gravel and recovered 223,164 (226,838) ounces of gold valued at $7,810,740 ($7,939,330) or 90 (91) percent of the placer gold produced in the State in 1950. Dragline dredges—those having a floating washing plant to which gravel is delivered by a dragline excavator—washed 3,433,300 (2,906,600) cubic yards of gravel which yielded 15,499 (14,616) ounces of gold valued at $542,465 ($511,560). Nonfloating washing plants, to which gravel was delivered by mechanical means, washed 123,000 (256,500) cubic yards of gravel and recovered 3,293 (3,452) ounces of gold valued at $115,255 ($120,820). Hydraulic mines produced 1,468 (1,587) ounces of gold valued at $51,380 ($55,545) from 383,400 (447,900) cubic yards of gravel. Drift mining accounted for 443 (95) ounces of gold valued at $15,505 ($3,325) from 9,500 (1,500) cubic yards of gravel and suction dredging produced 1,407 (1,364) ounces of gold valued at $49,245 ($47,740) from 263,300 (267,000) cubic yards of gravel. Small-scale, hand operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used to produce 3,025 (2,576) ounces of gold valued at $106,015 ($90,860).

Owing largely to lode mining, Nevada County ranked first among the California gold-producing counties in 1950. Sacramento County was second, due to the productivity of bucket-line dredges. Yuba County in third place principally from bucket-line dredging was followed by Amador County, largely from lode mining, and Butte County, which derived almost all the 1950 gold production from bucket-line dredging.

The principal gold producers in California in 1950, listed by operators in order of output were: The Natomas Co., Sacramento County (dredge), Yuba Consolidated Gold Fields (Yuba Unit), Yuba County (dredge), and Idaho Maryland Mines Corp., Nevada County (gold ore).

Production of silver from California ores, gravels, and retreated tailings in 1950 was 1,071,917 fine ounces valued at $970,139 compared with 783,880 fine ounces valued at $709,451 in 1949. Of the lode silver, 44 percent was derived from lead ore, 42 percent from zinc-lead ore, 5 percent from zinc ore, 5 percent from gold ore, nearly 3 percent from copper ore and more than 1 percent from gold-silver ore, silver ore, and lead-copper ore, together. A small quantity of silver was recovered as a byproduct of dredging and other placer methods carried on principally for gold. Smelting of concentrates supplied 59 percent of the lode silver recovered in the State, smelting of ore and old tailings 36 percent, cyanidation of ore, concentrates and old tailings 3 percent, and amalgamation of ore and old tailings 2 percent.

The principal silver producers in California in 1950, listed by operators in order of output were: Anaconda Copper Mining Co. (Darwin group), Inyo County (zinc-lead ore and lead ore), Anaconda Copper Mining Co. (Shoshone group), Inyo County (lead ore), and Coronado Copper & Zinc Co., Shasta County (zinc ore).

COLORADO

Mines in Colorado produced 130,390 fine ounces of gold valued at $4,563,650 in 1950 compared with 102,618 ounces valued at $3,591,630 in 1949, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. Silver production in 1950 totaled 3,492,278 fine ounces worth $3,160,688 compared with 2,894,886 ounces worth $2,620,018 in 1949. Gold production increased sharply in the Upper San Miguel, Leadville, and Animas lode districts and the Alma-Fairplay placer district; these four districts together contributed 78 percent

of the State total gold in 1950 and 71 percent in 1949. The larger silver-producing districts, in order of rank, were Upper San Miguel, Red Cliff (Battle Mountain), Animas, Creede, and Leadville, which together produced 74 percent of the State total silver in 1950 and 63 percent in 1949.

The leading gold-producing properties, in order of rank, were: Smuggler Union-Montana group (Telluride Mines) at Telluride, Treasury Tunnel-Black Bear (Idarado) in San Miguel County, Resurrection at Leadville, South Platte Dredging Co. dredge near Fairplay, and Shenandoah-Dives group near Silverton. The leading silver producers were the Eagle mine in Eagle County, Treasury Tunnel-Black Bear (Idarado) group in San Miguel County, Shenandoah-Dives group near Silverton, Emperius Mining Co. group at Creede, and Smuggler Union-Montana group at Telluride.

Except for two placer operations, continuous mining centered in the districts producing chiefly complex gold-silver-copper-lead-zinc ore or zinc-lead ore carrying gold and silver. Under the ore-classification system used by the Bureau of Mines, part of the complex ore falls into the dry gold and gold-silver classes, although the revenue obtained from gold and silver must be supplemented by that derived from the accompanying base metals to make the mining of the ore profitable. On the other hand, much of the ore that falls into the base-metal classes is commercial because it contains gold and silver in addition to base metals. In 1950 ores classed as dry gold, gold-silver, and silver ores totaled 560,292 tons and together yielded 43 percent of the State total gold and 45 percent of the silver; those classed as zinc, lead, copper, and mixed base-metal ores totaled 812,452 tons and yielded 42 percent of the gold and nearly 55 percent of the silver. Placer gravel yielded 15 percent of the gold and 0.11 percent of the silver.

Mining of straight gold and silver ores was confined to scattered small-scale operations. Output from the famous Cripple Creek gold district was the smallest since mining began there in 1891, as there was no market for the mill-grade ore. The new Carlton custom mill of the Golden Cycle Corp., built in the Cripple Creek district to replace the old Golden Cycle mill at Colorado Springs as a market for the ore, was nearly completed in 1950.

Ore treated by mills in Colorado in 1950 totaled 1,330,705 tons, from which were recovered 29,577 ounces of gold and 13,648 ounces of silver in bullion shipped direct to the mint and 71,836 ounces of gold and 2,713,963 ounces of silver in concentrates shipped to smelters. Ore shipped direct to smelters totaled 42,039 tons containing 9,564 ounces of recoverable gold and 760,928 ounces of silver. The total value of the gold, silver, copper, lead, and zinc recovered from the 1,372,744 tons of ore sold or treated was $28,640,429, of which $7,041,499 represented the combined value of the gold and silver and $21,598,930 that of the copper, lead, and zinc. Placer mines produced 19,413 ounces of gold valued at $679,455 and 3,739 ounces of silver valued at $3,384.

The total production of recovered gold and silver in Colorado from 1858 through 1950 has been 39,614,032 fine ounces of gold valued at $880,368,084 and 742,382,506 fine ounces of silver valued at $578,390,624.

IDAHO

The gold output in Idaho in 1950 was 79,652 fine ounces valued at $2,787,820, which represented a 2 percent increase over the 77,829 ounces valued at $2,724,015 produced in 1949, according to Almon F. Robertson of the United States Department of the Interior, Bureau of Mines.

This gain came largely from placer mines whose gold production increased from 15,078 ounces in 1949 to 17,561 ounces in 1950, while lode mines declined from 62,751 ounces in 1949 to 62,091 ounces in 1950.

The Yellow Pine lode mine in Valley County, worked by the Bradley Mining Co., continued to be by far the largest producer of gold in Idaho, producing 61 percent of the State total. It was followed, in order by; the Boise-Rochester lode mine at Atlanta of the Talache Mines, Inc.; the bucket-line dredge at Idaho City worked by the Idaho-Canadian Dredging Co.; the Wild Rose group, a bucket-line dredge at Elk City worked by the Warren Dredging Corp.; and the Red Horse Creek bucket-line dredging operation, at Elk City, worked by H. & H. Mines, Inc. These five properties produced nearly 83 percent of the State total gold in 1950.

Of the total gold produced in Idaho in 1950, 70 percent came from gold ore, 17 percent from bucket-line dredging, 4 percent from dragline dredging, and most of the remainder from zinc-lead ore. Four bucket-line dredges and 11

dragline dredges treated about 2,500,000 cubic yards of material in 1950, and recovered 17,072 fine ounces of gold.

The total production of gold, in Idaho, in terms of recoverable metal, from 1863 through 1950 has been 8,121,666 ounces valued at $187,397,713.

The output of recoverable silver in Idaho in 1950 was 16,095,019 ounces valued at $14,566,805, which was 6,045,762 ounces or 60 percent more than the 10,049,257 ounces valued at $9,095,085 produced in 1949. This State continued to be the largest producer of silver in the United States—a place it has held since 1933.

The Sunshine mine of the Sunshine Mining Co. near Kellogg remained the leading silver producer in Idaho in 1950 by a considerable margin. The other leading silver producers in order were; the Bunker Hill and Sullivan mine; the Polaris mine of the Polaris Mining Co.; the Coeur d'Alene-Jumbo or Silver Summit mine of the Silver Summit Mining Co.; the St. Germaine and Purim group of the Silver Dollar Mining Co.; the Page group of the Federal Mining and Smelting Co.; the Independence mine of the Triumph Mining Co.; and the Silver Syndicate mine of the Silver Syndicate, Inc. The Coeur d'Alene region produced 15,056,131 fine ounces of silver in 1950 or nearly 94 percent of the State total. The remainder came largely from the Warm Springs, Bayhorse and Yellow Pine districts.

Of the State total silver, silver ore yielded 60 percent, zinc-lead ore and old tailings 34 percent, lead ore 5 percent, and gold ore most of the remainder. The recovery of silver from silver ore increased 5,470,467 ounces, that from zinc-lead ore 1,207,840 ounces, that from gold ore 66,265 ounces, but that from lead ore decreased 744,150 ounces.

Twelve mines—the Sunshine, Bunker Hill and Sullivan, Polaris, Silver Summit, Silver Dollar, Page, Triumph, Silver Syndicate, Sherman, Star, Dayrock, and Morning, produced over 88 percent of the silver output of the State in 1950. Six properties (Sunshine, Polaris, Silver Dollar, Silver Syndicate, Sunshine Consolidated, and Metropolitan) near Kellogg, operated by the Sunshine Mining Co., produced 8,293,869 ounces of silver in 1950, or nearly 52 percent of the State total.

The total production of silver in Idaho, in terms of recoverable metal, from 1863 through 1950 has been 568,424,342 ounces valued at $402,418,623.

MISSOURI

Silver is the only precious metal reported in Missouri mine production; no gold production ever being recorded from 1907 through 1949, the years covered by the annual canvass of mines, according to F. F. Netzeband of the United States Department of the Interior, Bureau of Mines.

Silver is recovered as a byproduct in the smelting of lead ores from St. Francois County and of a complex lead-copper ore from Madison County. The silver content of both the lead and the lead-copper ores is so small, 1 to 2 ounces per ton of concentrates, as to be disregarded in the assay and the sale of these concentrates. Since only part of the lead is desilverized, smelter reports are the only source for recording silver production.

The silver recovery from Missouri in 1950 amounted to 236,273 fine ounces, valued at $213,839, compared with 123,413 fine ounces, valued at $111,695 in 1949. The St. Joseph Lead Co., the largest lead producing company in the United States, remained the principal producer of silver in Missouri.

MONTANA

Montana lodes in 1950 yielded 48,330 fine ounces of gold and placers 3,434 fine ounces—a total of 51,764 ounces valued at $1,811,740 according to Almon F. Robertson of the Bureau of Mines, United States Department of the Interior. Compared with 1949 the gold output declined 2 percent, due mainly to a decrease of 65 percent in production from placer operations in Granite and Lewis and Clark Counties. The decrease in placer production more than offset a 13-percent increase in output of gold recovered from zinc-lead ore. Among the State's larger gold producing properties, only the Butte Hill mines and dumps of the Anaconda Copper Mining Co., in Silver Bow County, and the American Pit mine of Victoria Mines, Inc., in Madison County, reported increases.

Of Montana's total gold in 1950, nearly 47 percent was derived from gold and silver ores (49 percent in 1949), nearly 47 percent from base metal ores (32 percent in 1949), and over 6 percent from placers (19 percent in 1949). Ores milled yielded 61 percent of the total gold, and ores shipped to smelters about 25 percent.

Leading gold producers in Montana in 1950, each with an output of 1,300 ounces or more, were the properties of the Anaconda Copper Mining Co. (copper ore and waste materials and zinc-lead ore and dumps) at Butte; the Estelle mine of the McLaren Gold Mines Co. (gold ore) in Park County; the Drumlummon mine of the Montana Rainbow Mining Co. (gold ore); and the Last Chance Gulch placer of the Porter Bros. Corp., both in Lewis and Clark County; the Ruby group of the Ruby Gulch Mining Co. (gold ore) in Phillips County; the Cornucopia mine (gold-silver ore) in Madison County; and the American Pit (Victoria) mine of the Victoria Mines, Inc. (gold ore) in Madison County. From these seven properties came over 80 percent of the State total gold in 1950.

The total production of gold in Montana, in terms of recoverable metal from 1862 through 1950, has been 17,319,824 ounces valued at $390,647,052.

The output of silver in Montana in 1950 was 6,590,747 fine ounces valued at $5,964,959. This output represents an increase of 4 percent in quantity and value over the 1949 yield. This increase was attributable to the increased output of silver recovered from zinc-lead ore mined at the Butte Hill properties of Anaconda Copper Mining Co.; it more than offset the decrease in the amount of silver recovered from copper ore mined in the same area.

Zinc-lead ore supplied 68 percent of the State silver in 1950, copper ore 26 percent, gold and silver ores 4 percent, and lead ore and zinc ore and old slag together 2 percent. Ores milled yielded 94 percent of the total silver, and smelting ores almost 6 percent; minor sources were placers and old zinc slag fumed.

The Anaconda Copper Mining Co. supplied over 88 percent of the State silver in 1950, followed by the Emma mine at Butte, Cornucopia mine in Madison County, and the Mike Horse mine in Lewis and Clark County. These 4 properties supplied 94 percent of the total silver.

The total production of silver in Montana in terms of recoverable metal from 1862 through 1950 has been 775,324,501 ounces valued at $570,765,138.

NEVADA

Nevada gold output in 1950 owing to expanded large-scale placer mining and greater yield from both gold ore and copper ore increased 37 percent over 1949, according to R. B. Maurer, of the United States Department of the Interior, Bureau of Mines. Production of silver, which was principally a constituent of fluxing ores and ores mined primarily for other metals, dropped 15 percent in 1950 compared with 1949. Base-metal ores accounted for 63 percent of the silver recovered in 1949.

The output of gold from Nevada ores, old tailings, and gravels in 1950 was 178,447 fine ounces valued at $6,245,645 compared with 130,399 fine ounces valued at $4,563,965 in 1949. Production of silver in 1950 was 1,537,217 fine ounces valued at $1,391,259, compared with 1,800,209 fine ounces valued at $1,629,280 in 1949.

Gold was recovered from the following sources: Gold ore, 45 percent; copper ore, 28 percent; placer gravel, 20 percent; gold-silver ore, 3 percent; zinc-lead ore, 3 percent; and all other ores, 1 percent. Metallurgical data show that 49 percent of the lode gold was recovered by cyaniding ore and old tailings, 45 percent by smelting concentrates, 3 percent by the direct smelting of ore and old tailings, and 3 percent by amalgamation of ore and old tailings.

The principal Nevada gold mines in 1950, listed by operating companies and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Getchell Mine, Inc., Humboldt County (gold ore); Natomas Co., Lander County (bucket-line dredge); London Extension Mining Co., Lander County (gold ore); Round Mountain Gold Dredging Co., Nye County (placer); Consolidated Coppermines Corp., White Pine County (copper ore); Goldfield Deep Mines Co. of Nevada, Esmeralda County (gold ore); Chessher & Co., Mineral County (gold ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore); and Dayton Consolidated Mines Co., Storey County (gold ore).

Nevada silver was recovered from the following sources in 1950: Zinc-lead ore, 39 percent; gold-silver ore, 21 percent; copper ore, 10 percent; silver ore, 9 percent; lead ore, 8 percent; gold ore, 6 percent; zinc-lead-copper ore, 4 percent; zinc ore, 1 percent; lead-copper ore, 1 percent; and placer gravel, 1 percent. The smelting of concentrates accounted for nearly 56 percent of the lode silver produced in Nevada in 1950, 23 percent was recovered by cyaniding ore and old tailings and 21 percent came from the direct smelting of ore and old tailings. A negligible quantity of silver was recovered by amalgamation of ore and old tailings

The principal silver mines in Nevada in 1950, listed by operating companies and in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Summit King Mines, Ltd., Churchill County (gold-silver ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Central Comstock Mines Corp., Storey County (gold-silver tailings); Bristol Silver Mines Co., Lincoln County (zinc-lead-copper ore); Ely Valley Mines, Inc., Lincoln County (zinc and zinc-lead ores); Pansy Lee Mining Co., Humboldt County (gold-silver ore); McFarland & Hullinger, Elko County (lead ore); Consolidated Coppermines Corp., White Pine County (copper ore).

NEW MEXICO

The high cost of labor and materials compared with the fixed price of gold since World War II has almost eliminated straight gold and gold-silver mining as a material factor in the metal-mining industry of New Mexico. In 1950 only 458 fine ounces of gold and 13,119 fine ounces of silver, valued together at $27,903, were produced from gold and gold-silver ores and placer gravel. In the prewar year 1940 these two classes of ore and the placer gravel washed yielded 22,068 ounces of gold and 791,442 ounces of silver with a combined value of $1,335,183. In 1950 gold recovered as a byproduct from base-metal ores (mostly copper ore) amounted to 2,942 ounces; the State total output of gold was 3,414 fine ounces valued at $119,490 compared with 3,249 ounces valued at $113,715 in 1949.

In the Mogollon district (Catron County), 118 tons of gold-silver ore were produced in 1950 from the Lehigh Metals Co. Fanney Consolidated mine, operated from January 1 to March 6. Other small producers of gold or gold-silver ore were the Big John property in the Mogollon district, Malone Darhasana in the Burro Mountains district, Gold Spot in the Central district, Geo. Schaffer in the Pinos Altos district, Carlisle and Alabama in the Steeple Rock district, H. Grant and Anita in the Lordsburg district, Pershing in the Nogal district, North Homestake in the White Oaks district, Shamrock in the San Pedro (Golden) district, Minnehaha in the Chloride district, and Anderson Extension, El Oro, and Snake in the Hillsboro district. Two small placers in the Pinos Altos district produced 6 ounces of gold.

The New Mexico output of silver in 1950 comprised 134,669 ounces recovered from zinc ore, 127,455 ounces from copper ore, 37,887 ounces from zinc-lead ore, 31,941 ounces from gold, gold-silver, and silver ores, and 6,629 ounces from lead and lead-copper ores—a total of 338,581 ounces compared with 380,855 ounces in 1949. The value of the silver was $306,433 in 1950 and $344,693 in 1949. The principal factor in the large decrease in production of silver in 1950 was a heavy decline in output of copper ore carrying considerable gold and silver from the Atwood mine in Hidalgo County. The leading producers of silver in 1950 were the Bonney-Miser's Chest copper mine in Hidalgo County and the Ground Hog zinc-lead mine and the Hanover (Empire Zinc) zinc mine in Grant County.

Ores of gold, silver, copper, lead, and zinc mined in New Mexico in 1950 totaled 7,899,054 tons, comprising 7,510,499 tons of copper ore, 364,370 tons of zinc and zinc-lead ores, 18,045 tons of lead ore, 3,924 tons of silver ore, 2,160 tons of gold and gold-silver ores, and 56 tons of lead-copper ore. The total value of the copper, lead, and zinc recovered from the ores was $37,011,992 and that of the combined gold and silver $425,923.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1950 has been 2,196,058 fine ounces of gold valued at $50,196,223 and 69,527,674 fine ounces of silver valued at $54,549,775.

OREGON

Oregon gold production in 1950, reflecting curtailed dredging, fell 32 percent below the 1949 output according to R. B. Maurer, of the United States Department of the Interior, Bureau of Mines. Silver production, by virtue of lode mining, increased 11 percent over the minor yield of 1949.

The production of gold from Oregon ores and gravels was 11,058 fine ounces (including the fine gold content of "natural" gold sold on the open market) valued at $387,030 in 1950 compared with 16,226 fine ounces valued at $567,910 in 1949. Placer mines contributed 82 percent of the gold and 87 percent of the placer gold was recovered by bucket-line dredges, 5 percent by hydraulicking, 5 percent by dragline dredging, and 3 percent by other methods. Lode mines produced 18

percent of the total gold and 95 percent of the lode gold was derived from dry gold ore, 4 percent from zinc ore and 1 percent from gold-silver ore. Metallurgical data show that ultimate recovery of 65 percent of the total lode gold was from smelting of concentrates, nearly 26 percent from the smelting of ore and old tailings, 9 percent was as bullion from amalgamation of ore and less than 1 percent from cyanidation of old tailings. The leading Oregon gold producers in 1950, in the order named, were the Powder River Dredging Co., successor to Baker Dredging Co., Sumpter district, Baker County, and Porter & Co., Granite district, Grant County (bucket-line dredges), and the Champion Lease operating the Champion mine, Bohemia district, Lane County (gold ore).

Oregon ores and gravels in 1950 yielded 13,565 ounces of silver valued at $12,277 compared with 12,195 ounces valued at $11,037 in 1949, an increase of 12 percent in both quantity and value. Oregon silver in 1950 came principally from Grant, Lane, Jefferson, and Baker Counties. Of the State's total silver, lode mines furnished 86 percent and placer mines, 14 percent. Dry gold ore was the principal source of lode silver and smelting of concentrates the principal method of recovery.

SOUTH DAKOTA

Production of gold and silver in South Dakota in 1950 was reported from only two mines, the Homestake at Lead and the Bald Mountain at Trojan, both in Lawrence County, according to Samuel A. Gustavson, of the United States Department of the Interior, Bureau of Mines. However, output increased 22 percent for gold and 30 percent for silver over that of 1949. No placer production was reported.

In terms of recovered metals, production of gold in 1950 was 567,996 fine ounces valued at $19,879,860 and silver was 142,065 fine ounces valued at $128,576. In 1949 production was 464,650 ounces of gold valued at $16,262,750 and 109,383 ounces of silver valued at $98,997. The total production of gold and silver in South Dakota from 1876 through 1950 has been 22,863,991 ounces of gold valued at $581,836,894 and 10,145,834 fine ounces of silver valued at $7,314,407.

The Homestake Mining Co. operated its mine and beneficiation plants in the Whitewood district, Lawrence County, throughout 1950. The mine is operated through three shafts, the deepest being 4,245 feet, with an inside winze to the 5,000-foot level. According to the company's annual report, a total of 1,265,118 tons of ore with an average value of $14.10 per ton was mined and beneficiated. The mill has a capacity of 4,000 tons per 24 hours, using both amalgamation and cyanidation methods of recovery. Dividends paid during 1950 were $5,525,520. From 1876 to 1950, inclusive, this mine yielded bullion and concentrates that brought a net return of $513,377,199 and paid $171,192,224 in dividends.

The Bald Mountain Mining Co., the only other producer of gold and silver in the State in 1950, operated its property which includes the Empire, Portland, Dakota, Clinton, Two Johns, Ajax-Alaska, Trojan, Foley, American Express, and "Mogul Mines Co." claims. The company milled 126,044 tons of ore in its cyanidation mill for a daily average of 345 tons in 1950.

STATES EAST OF THE MISSISSIPPI RIVER

Production from the Region in 1950 was 2,090 fine ounces of gold valued at $73,150 and 113,355 fine ounces of silver valued at $102,592, according to Samuel A. Gustavson, of the United States Department of the Interior, Bureau of Mines. In 1949 the output was 1,967 ounces of gold valued at $68,845 and 101,612 ounces of silver valued at $91,964, indicating increases in 1950 over 1949 in output and value of 6 percent for gold and 12 percent for silver.

In the States east of the Mississippi River, most of the gold is recovered as a byproduct of mining copper and is recovered from slimes in the electrolytic refining of this copper. In Maryland one gold mine was operated intermittently in 1949 and 1950, producing 20 fine ounces of gold, all of which has been credited as 1950 production. The output of this mine constitutes all the production of gold from gold ores in the region during 1950. No gold from placer operations was reported. Economic conditions (chiefly, increasing labor and material costs, with no change in the value of gold) continued to be unfavorable to lode or placer gold mining. Byproduct sources of gold in 1950, as has been the case for several years, were from magnetite-pyrite-chalcopyrite ore from the Cornwall mine, Lebanon County, Pennsylvania; copper ore from the Elizabeth mine, Orange County, Vermont; and copper-iron-zinc ore from the Tennessee Copper Co. mine, Polk County, Tennessee.

1913, 1915 to 1916, 1932 to 1938, and 1947. The silver was recovered as a by-product from copper, gold, and lead ores and placer gravel.

Distribution of gold and silver production of the United States, in fine ounces, for 1950, by sources of production (table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating bucket-line dredges	All other			
Alaska	12,161	205,641	71,470	39,938	12,700	
Arizona	118,171		142	441,839	2,030,003	2,853,599
California	163,815	223,164	25,139	85,438	959,648	26,831
Colorado	110,977	[3] 18,084	1,329	1,578,809	1,900,388	13,081
Idaho	62,091	13,549	4,012	9,914,894	6,160,087	20,038
Missouri					236,273	
Montana	48,330	2,946	488	286,231	4,574,905	1,729,611
Nevada	142,069	[4] 36,074	304	578,688	810,930	147,599
New Mexico	3,408		6	31,941	179,185	127,455
Oregon	2,036	7,827	1,195	12,780	785	
South Dakota	567,996			142,065		
Texas	49				2,454	
Utah	457,547		4	721,350	3,049,509	3,312,949
Washington	92,078		39	182,764	180,507	385
Wyoming						
States east of the Mississippi	[5] 2,090				34,629	[5] 78,726
Total	1,782,818	507,285	104,128	14,016,737	20,132,003	8,310,274

[1] Includes small quantity of silver from placer mines (77,868 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by dragline dredges included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Production by nonfloating washing plants included with that by bucket-line dredge; Bureau of Mines not at liberty to publish separately.
[5] Includes magnetite-pyrite-chalcopyrite ore.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

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Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use and general disappearance; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, those withdrawn for recoinage, and general disappearance. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

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(*See also* World Monetary Statistics.)

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1951

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,684	3,256	1,060	2,997	998	9,995
Transfers	128					128
Intermint transfers	1	19	1	2		23
Trust deposits	2					2
Total	1,815	3,275	1,061	2,999	998	10,148
Deposit assay determinations:						
Purchases	2,978	4,134	1,680	3,197	1,283	13,272
Transfers	1,261					1,261
Intermint transfers	42	928		153		1,123
Trust deposits						
Total	4,281	5,062	1,680	3,350	1,283	15,656

Number of gold and silver deposit transactions and assay determinations during the calendar year 1950

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,725	3,806	1,115	3,051	1,104	10,801
Transfers	137			1		138
Intermint transfers		19		1		20
Trust deposits						
Total	1,862	3,825	1,115	3,053	1,104	10,959
Beposit assay determinations:						
Purchases	3,562	4,816	1,726	3,314	1,417	14,835
Transfers	878			3		881
Intermint transfers		708		97		805
Trust deposits						
Total	4,440	5,524	1,726	3,414	1,417	16,521

Deposits and purchases of gold during the fiscal year 1961

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—mine source:						
Alaska	269,903.185		6,068.366	25.201		263,809.618
Arizona	522.966	1.163	519.086	2.717		
California	365,339.844		365,314.728			25.116
Colorado	51,416.065			51,410.695		5.370
Idaho	23,180.947		6,266.592	1,020.400		15,893.955
Montana	3,777.533		1.881	2,955.047		820.605
Nevada	74,251.574		42,279.609	17,290.657		14,681.308
New Mexico	243.016		206.888	36.128		
Oregon	8,000.379		617.308			7,383.071
South Dakota	19,497.992			19,497.992		
Texas						
Utah	206.787		194.058	12.729		
Washington	348.332					348.332
Unallocated	11.712	10.468		1.244		
Total newly mined unrefined	816,700.332	11.631	421,468.516	92,252.810		302,967.375
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)	3,031.760				2,682.359	349.401
Refined bars (0.995 fine and over)	650,819.697		19,975.119	533,912.973	96,931.605	
Total newly mined refined	653,851.457		19,975.119	533,912.973	99,613.964	349.401
Total newly mined domestic	1,470,551.789	11.631	441,443.635	626,165.783	99,613.964	303,316.776
Other domestic:						
Secondary	175,190.553	48,648.480	14,050.934	41,127.860	68,662.464	2,700.815
Domestic coin:						
Purchased	113.126	9.681	4.162	.197	99.086	
Transferred from Treasury and Federal Reserve banks	5,571.480	4,605.396	852.219	113.865		
Total other domestic	180,875.159	53,263.557	14,907.315	41,241.922	68,761.550	2,700.815
Total domestic	1,651,426.948	53,275.188	456,350.950	667,407.705	168,375.514	306,017.591
Imports:						
Bullion unrefined	592,538.811		128,747.708		463,791.103	
Bullion refined	183,877.824				183,877.824	
Secondary	511.837	55.259	7.163		449.415	
Foreign coin	85.003	19.003	1.122	7.193	3.451	54.234
Total imports	777,013.475	74.262	128,755.993	7.193	648,121.793	54.234

Recoveries:						
Grains Receiving Division	156.261	33.446	71.673	18.238	16.580	16.324
Operative recoveries	1,912.473	24.146	440.672	105.095	1,323.369	19.191
Total recoveries	2,068.734	57.592	512.345	123.333	1,339.949	35.515
Total primary receipts	2,430,509.157	53,407.042	585,619.288	667,538.231	817,837.256	306,107.340
REDEPOSITS						
By Treasury and Federal Reserve banks	7,914.253				7,914.253	
Total acquisitions	2,438,423.410	53,407.042	585,619.288	667,538.231	825,751.509	306,107.340
INTERMINT TRANSFERS						
Unrefined bars	364,749.686		308,808.365		55,941.321	
Ingots	90,059.914	90,059.914				
Proof bullion	150.000		100.000	50.000		
Total intermint transfers	454,959.600	90,059.914	308,908.365	50.000	55,941.321	
Grand total fine ounces	2,893,383.010	143,466.956	894,527.653	667,588.231	881,692.830	306,107.340
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	1,624.67	449.47	320.65	201.54	328.55	324.46
Increment to $35 per ounce	1,124.69	307.47	224.91	139.69	227.73	224.89
Purchases at $35 per ounce	85,147,071.62	1,707,300.68	20,466,301.83	23,359,511.56	28,900,750.04	10,713,207.51
Domestic coin transferred (melted)	195,001.81	161,188.85	29,827.68	3,985.28		
Total value of acquisitions at $35 per ounce	85,344,822.79	1,869,246.47	20,496,675.07	23,363,838.07	28,901,306.32	10,713,756.86

Deposits and purchases of silver during the fiscal year 1951

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—mine source:						
Alaska	23,993.46		1,136.48	4.01		22,852.97
Arizona	160.78	0.13	158.19	2.46		
California	68,971.94		68,968.38			3.56
Colorado	17,152.85			17,152.56		.29
Idaho	886,970.21		881,469.09	735.50		4,765.62
Montana	3,269.01		.12	3,051.54		217.35
Nevada	271,434.25		259,439.92	10,027.46		1,966.87
New Mexico	50.15		36.23	13.92		
Oregon	1,923.67		80.96			1,842.71
South Dakota	36,367.82			36,367.82		
Utah	40.11		36.56	3.55		
Washington	267.10					267.10
Unallocated	1.06	.74		.32		
Total newly mined unrefined	1,310,602.41	.87	1,211,325.93	67,359.14		31,916.47
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	295,198.13	71,215.31		106,214.06	117,747.86	20.90
Refined bars (0.996 fine and over)	36,474,892.20	11,501,087.80	24,973,804.40			
Total newly mined refined	36,770,090.33	11,572,303.11	24,973,804.40	106,214.06	117,747.86	20.90
Total newly mined	38,080,692.74	11,572,303.98	26,185,130.33	173,573.20	117,747.86	31,937.37
Other domestic:						
Secondary	272,892.75	27,431.88	133,190.21	12,526.93	85,929.67	13,814.06
Domestic coin:						
Purchased	7,196.13	4,241.65	487.40	2,117.54	349.54	
Transferred from Treasury and Federal Reserve banks	1,576,144.69	1,144,939.92	212,305.51	218,899.26		
Uncurrent silver dollars melted	249,119.84	132,540.55	54,737.84	61,841.45		
Total other domestic	2,105,353.41	1,309,154.00	400,720.96	295,385.18	86,279.21	13,814.06
Total domestic	40,186,046.15	12,881,457.98	26,585,851.29	468,958.38	204,027.07	45,751.43
Imports:						
Bullion unrefined	218,613.15		43,448.86		175,164.29	
Bullion refined	31,504.29				31,504.29	
Secondary	213.20	8.70			204.50	
Foreign coin	92,272.78				92,272.78	
Total imports	342,603.42	8.70	43,448.86		299,145.86	

Recoveries:						
Grains Receiving Division	134.72	51.09	55.85	18.11	6.27	3.40
Operative recoveries	30,946.04	14,782.81	175.31	15,963.16	20.63	4.13
Total recoveries	31,080.76	14,833.90	231.16	15,981.27	26.90	7.53
Total primary receipts	40,559,730.33	12,896,300.58	26,629,531.31	484,939.65	503,199.83	45,758.96
REDEPOSITS						
By Office of Defense Plants of RFC, etc	100,622,442.67	11,304,544.00		52,673,485.08	36,644,413.59	
Total acquisitions	141,182,173.00	24,200,844.58	26,629,531.31	53,158,424.73	37,147,613.42	45,758.96
INTERMINT TRANSFERS						
Unrefined bars	208,337.82		45,831.71		162,506.11	
Proof bullion	100.00		50.00		50.00	
Assay coin	855.50	855.50				
Total intermint transfers	209,293.32	855.50	45,881.71		162,556.11	
DEPOSITED IN TRUST						
Imported bullion	199,131.65	199,131.65				
Bullion from domestic refineries	181,035.23	181,035.23				
Total deposited in trust	380,166.88	380,166.88				
Grand total fine ounces	141,771,633.20	24,581,866.96	26,675,413.02	53,158,424.73	37,310,169.53	45,758.96
Cost of primary receipts	$38,584,440.18	$12,386,067.48	$25,204,390.98	$560,237.88	$394,413.26	$39,330.58

Deposits and purchases of gold during the calendar year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—mine source:						
Alaska	273,399.329		8,684.020	25.201		264,690.108
Arizona	329.081		315.513	10.674		2.894
California	383,426.971		383,387.982	3.897		35.092
Colorado	49,010.967			49,008.866		2.101
Idaho	21,425.575		3,310.400	1,605.602		16,509.573
Montana	8,269.183			6,020.629		2,248.554
Nevada	109,700.252		75,493.719	9,643.058		24,563.475
New Mexico	39.124		2.829	36.295		
Oregon	8,691.730		1,160.009	1.065		7,530.656
South Dakota	18,990.163			18,990.163		
Texas	1.293			1.293		
Utah	206.787		194.058	12.729		
Washington	353.371					353.371
Unallocated	17.135	4.735		12.400		
Total newly mined, unrefined	873,860.961	4.735	472,548.530	85,371.872		315,935.824
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)	5,379.211				2,703.143	2,676.068
Refined bars (0.995 fine and over)	675,422.313		14,523.355	552,819.585	108,079.373	
Total newly mined, refined	680,801.524		14,523.355	552,819.585	110,782.516	2,676.068
Total newly mined, domestic	1,554,662.485	4.735	487,071.885	638,191.457	110,782.516	318,611.892
Other domestic:						
Secondary	179,725.537	48,191.938	14,136.617	48,125.653	66,591.291	2,680.038
Domestic coin:						
Purchased	201.932	5.727	2.592	3.114	190.121	.378
Transferred from Treasury and Federal Reserve banks	7,359.326	5,081.849	1,701.394	576.083		
Total other domestic	187,286.795	53,279.514	15,840.603	48,704.850	66,781.412	2,680.416
Total domestic	1,741,949.280	53,284.249	502,912.488	686,896.307	177,563.928	321,292.308
Imports:						
Bullion unrefined	533,257.086		98,309.315		434,947.771	
Bullion refined	818,360.740		51,090.523		767,270.217	
Secondary	839.944	67.947			771.997	
Foreign coin	259.689	41.990	143.661	6.025	13.721	54.292
Total imports	1,352,717.459	109.937	149,543.499	6.025	1,203,003.706	54.292

Recoveries:						
Grains Receiving Division	147.570	33.760	56.248	14.174	20.710	22.678
Operative recoveries	1,088.890	24.146	440.672	105.095	506.624	12.353
Total recoveries	1,236.460	57.906	496.920	119.269	527.334	35.031
Total primary receipts	3,095,903.199	53,452.092	652,952.907	687,021.601	1,381,094.968	321,381.631
REDEPOSITS						
By Treasury and Federal Reserve banks	7,914.253				7,914.253	
Total acquisitions	3,103,817.452	53,452.092	652,952.907	687,021.601	1,389,009.221	321,381.631
INTERMINT TRANSFERS						
Unrefined bars	390,101.946		338,645.826		51,456.120	
Ingots	100.000		100.000			
Proof bullion						
Total intermint transfers	390,201.946		338,745.826		51,456.120	
Grand total fine ounces	3,494,019.398	53,452.092	991,698.733	687,021.601	1,440,465.341	321,381.631
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	1,238.98	264.87	276.43	221.19	136.39	340.10
Increment to $35 per ounce	858.90	183.75	191.52	153.32	94.54	235.77
Purchases at $35 per ounce	108,373,926.53	1,692,506.56	22,793,335.01	24,025,218.63	48,615,094.83	11,247,781.50
Domestic coin transferred (melted)	257,576.38	177,864.69	59,548.79	20,162.90		
Total value of acquisitions at $35 per ounce	108,633,610.79	1,870,819.87	22,853,351.75	24,045,756.04	48,615,325.76	11,248,357.37

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Deposits and purchases of silver during the calendar year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	37,286.46		1,555.18	4.01		35,727.27
Arizona	77.30		72.44	4.44		.42
California	65,920.89		65,914.56	1.11		5.22
Colorado	17,603.88			17,603.77		.11
Idaho	302,986.11		297,539.51	1,140.01		4,306.59
Montana	8,327.57			7,347.60		979.97
Nevada	362,755.80		353,721.69	5,617.39		3,416.72
New Mexico	17.57		.80	16.77		
Oregon	1,865.98		184.34	.37		1,681.27
South Dakota	30,567.19			30,567.19		
Utah	36.56		36.56			
Washington	271.69			3.55		268.14
Unallocated	3.77	0.14		3.63		
Total newly mined unrefined	827,720.77	.14	719,025.08	62,309.84		46,385.71
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	229,577.93			111,824.80	117,749.18	3.95
Refined bars (0.996 fine and over)	40,263,355.58	18,474,898.74	21,788,456.84			
Total newly mined refined	40,492,933.51	18,474,898.74	21,788,456.84	111,824.80	117,749.18	3.95
Total newly mined	41,320,654.28	18,474,898.88	22,507,481.92	174,134.64	117,749.18	46,389.66
Other domestic:						
Secondary	333,368.84	44,912.23	196,841.03	12,567.26	78,072.56	975.76
Domestic coin:						
Purchased	5,212.73	2,841.15	596.46	1,400.58	374.54	
Transferred from Treasury and Federal Reserve banks	1,620,597.42	1,215,265.92	248,071.52	157,259.98		
Uncurrent silver dollars melted	222,347.48	90,404.11	92,986.15	38,957.22		
Total other domestic	2,181,526.47	1,353,423.41	538,495.16	210,185.04	78,447.10	975.76
Total domestic	43,502,180.75	19,828,322.29	23,045,977.08	384,319.68	196,196.28	47,365.42
Imports:						
Bullion unrefined	203,490.91		27,974.77		175,516.14	
Bullion refined	61,405.03				61,405.03	
Secondary	370.30	10.96			359.34	
Foreign coin	92,508.03				92,508.03	
Total imports	357,774.27	10.96	27,974.77		329,788.54	

Recoveries:						
Grains Receiving Division	131.00	46.61	47.71	14.31	10.39	11.98
Operative recoveries	30,937.58	14,782.81	175.31	15,963.16	2.26	14.04
Total recoveries	31,068.58	14,829.42	223.02	15,977.47	12.65	26.02
Total primary receipts	43,891,023.60	19,843,162.67	23,074,174.87	400,297.15	525,997.47	47,391.44
REDEPOSITS						
By Office of Defense Plants of RFC, etc	52,120,168.43	5,754,212.10		28,647,119.50	17,718,836.83	
Total acquisitions	96,011,192.03	25,597,374.77	23,074,174.87	29,047,416.65	18,244,834.30	47,391.44
INTERMINT TRANSFERS						
Unrefined bars	129,316.78		51,874.87		77,441.91	
Proof bullion	150.00		50.00		100.00	
Assay coin	235.75	235.75				
Total intermint transfers	129,702.53	235.75	51,924.87		77,541.91	
Grand total fine ounces	96,140,894.56	25,597,610.52	23,126,099.74	29,047,416.65	18,322,376.21	47,391.44
Cost of primary receipts	$40,443,829.56	$18,562,681.54	$20,996,224.66	$443,024.24	$401,465.76	$49,433.36

Deposits of foreign gold bullion and coin during the fiscal year 1951

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Unrefined bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Dollars*
North America:						
Canada	221,542.339	46,560.453		53.954	268,156.746	9,385,486.11
Mexico				6.025	6.025	210.87
Central America:						
Dominican Republic	335.693				335.693	11,749.26
Honduras	225.914		55.259		281.173	9,841.05
Panama	75.089				75.089	2,628.12
South America:						
Brazil	4.562				4.562	159.67
British Guiana	7,647.584				7,647.584	267,665.44
Chile		15,633.890			15,633.890	547,186.15
Colombia	199,996.341				199,996.341	6,999,871.93
Europe:						
Belgium		28,731.763			28,731.763	1,005,611.71
England	787.149			1.277	788.426	27,594.91
France				.171	.171	5.98
Germany			449.415	2.097	451.512	15,802.92
Latvia	14,052.491	7,242.422			21,294.913	745,321.96
Lithuania	12,868.861				12,868.861	450,410.13
Netherlands		3.193			3.193	111.76
Africa:						
Liberia	6,255.080				6,255.080	218,927.80
Union of South Africa		80,404.428			80,404.428	2,814,154.98
Asia and Oceania:						
China	39.600				39.600	1,386.00
Fiji Islands	104,305.822				104,305.822	3,650,703.77
Japan		5,301.675			5,301.675	185,558.62
Philippine Islands	24,402.286				24,402.286	854,080.01
Unallocated				7.163	21.479	28.642	1,002.47
Total	592,538.811	183,877.824	511.837	85.003	777,013.475	27,195,471.62

Deposits of foreign silver bullion and coin during the fiscal year 1951

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Total [1]	Country from which exported	Total [1]
	Fine ounces		*Fine ounces*
North America: Canada	127.82	Africa: Liberia	112.48
Central America:		Asia and Oceania:	
Dominican Republic	75.54	China	173,989.76
Honduras	75.94	Fiji Islands	27,599.36
Panama	5.26	Philippine Islands	15,848.94
South America:		Unallocated	92,272.78
British Guiana	785.80		
Peru	21,049.72	Total	342,603.42
Europe:			
England	10,454.57		
Germany	204.50		
Lithuania	.95		

[1] Includes 218,613.15 ounces unrefined bullion; 31,504.29 ounces refined bullion; 213.20 ounces secondary; and 92,272.78 ounces coin.

Deposits of foreign gold bullion and coin during the calendar year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Unrefined bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Dollars*
North America:						
Canada	221,542.339	47,338.730		63.048	268,944.117	9,413,044.10
Mexico				6.025	6.025	210.87
Central America and West Indies:						
Costa Rica			10.307		10.307	360.75
Dominican Republic	410.866				410.866	14,380.31
Honduras	873.547		55.259		928.806	32,508.21
Panama	75.089				75.089	2,628.11
South America:						
Brazil	4.562				4.562	159.67
British Guiana	9,130.605				9,130.605	319,571.18
Chile		11,074.520			11,074.520	387,608.20
Europe:						
Belgium			450.577		450.577	15,770.19
England	789.832			.338	790.170	27,655.95
France	11.418				11.418	399.63
Germany			321.420	2.097	323.517	11,323.10
Holland		3.193			3.193	111.75
Lithuania	2,235.186				2,235.186	78,231.51
Malta				22.026	22.026	770.91
Poland		7,483.508			7,483.508	261,922.78
Spain	178,643.984	181,656.493			360,300.477	12,610,516.69
Africa:						
Liberia	13,307.420				13,307.420	465,759.70
Union of South Africa		517,882.257			517,882.257	18,125,879.00
Asia and Oceania:						
China	7,937.622	52,435.905			60,373.527	2,113,073.44
Fiji	98,294.616				98,294.616	3,440,311.56
Japan		486.134			486.134	17,014.69
Manchuria			2.381		2.381	83.34
Unallocated				166.155	166.155	5,815.43
Total	533,257.086	818,360.740	839.944	259.689	1,352,717.459	47,345,111.07

Deposits of foreign silver bullion and coin during the calendar year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Total [1]	Country from which exported	Total [1]
North America: Canada	127.82	Europe—Continued	
Central America:		England	25,647.51
Costa Rica	2.26	Germany	358.83
Dominican Republic	93.44	Africa: Liberia	288.21
Honduras	219.01	Asia and Oceania:	
Panama	5.26	China	173,989.47
South America:		Fiji Islands	27,974.50
British Guiana	800.05	Japan	14,707.94
Peru	21,049.72	Unallocated	92,508.03
Europe:		Total	357,774.27
Belgium	.51		
France	1.71		

[1] Includes 203,490.91 fine ounces unrefined, 61,405.03 fine ounces refined, 370.30 fine ounces secondary and 92,508.03 fine ounces coin.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1951

[On quantity basis, see Bases Used for Mint Service Statistics]

Denomination	Treasury and Federal Reserve banks	Purchased	Total
Gold:			
Double eagles	$72,320.00	$1,920.00	$74,240.00
Eagles	27,380.00	280.00	27,660.00
Half eagles	14,105.00	90.00	14,195.00
Quarter eagles	1,805.00	55.00	1,860.00
$3 pieces	9.00	9.00	18.00
$1 pieces	16.00	22.00	38.00
Total gold	115,635.00	2,376.00	118,011.00
Silver:			
Trade dollars		9.00	9.00
Standard dollars	333,292.00	1,147.00	334,439.00
Half dollars	713,559.00	3,242.50	716,801.50
Quarter dollars	1,003,006.50	3,364.75	1,006,371.25
20-cent pieces	.20	.20	.40
Dimes	620,499.20	3,717.50	624,216.70
Half dimes	18.15	.55	18.70
3-cent pieces	6.66	.69	7.35
Total silver	2,670,381.71	11,482.19	2,681,863.90
Nickel:			
5-cent pieces	206,048.65	358.90	206,407.55
3-cent pieces	2.61	.06	2.67
1-cent pieces	6.22		6.22
Total nickel	206,057.48	358.96	206,416.44
Copper:			
1-cent pieces	12.99		12.99
½-cent pieces	.06		.06
Total copper	13.05		13.05
Bronze and copper-zinc:			
2-cent pieces	1.70		1.70
1-cent pieces	141,285.50	1,047.12	142,332.62
Total bronze and copper-zinc	141,287.20	1,047.12	142,334.32
Copper-silver-manganese 5-cent pieces	38,966.30	190.70	39,157.00
Zinc-coated steel 1-cent pieces	219,994.61	139.83	220,134.44
Total minor	606,318.64	1,736.61	608,055.25
Grand total	3,392,335.35	15,594.80	3,407,930.15

SUMMARY

		Weights
Metal obtained from melting the above:		
Gold	fine ounces	5,684.606
Silver:		
Uncurrent silver dollars	do	249,119.84
All other silver coin	do	1,584,196.32
Cupro-nickel	gross ounces	641,797.98
Bronze, copper and copper-zinc	do	1,400,641.48
Copper-silver-manganese alloy (not recoined)	do	123,158.72
Zinc-coated steel (not recoined)	do	1,838,583.01
		Value
Monetary value of metal obtained:		
Gold (at $35 per fine ounce)		$198,961.22
Silver (at $1.38+ per fine ounce):		
Uncurrent silver dollars		344,385.47
All other silver coin		2,190,007.01
Cupro-nickel		199,626.09
Bronze, copper, and copper-zinc		140,064.14
Gain by recoinage: Uncurrent silver dollars (net)		10,732.46
Total		3,083,776.39
Loss by recoinage:		
Silver (except uncurrent silver dollars)		157,286.57
Cupro-nickel		6,784.48
Bronze, copper and copper-zinc		2,190.63
Total		166,261.68

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Denomination	Treasury and Federal Reserve banks	Purchased	Total
Gold:			
Double eagles	$116,600.00	$2,060.00	$118,660.00
Eagles	18,610.00	255.00	18,865.00
Half eagles	15,260.00	70.00	15,330.00
Quarter eagles	2,042.50	50.00	2,092.50
$3 pieces	15.00	3.00	18.00
$1 pieces	39.00	8.00	47.00
Total gold	152,566.50	2,446.00	155,012.50
Silver:			
Trade dollars		8.00	8.00
Standard dollars	295,463.00	1,372.00	296,835.00
Half dollars	821,638.00	1,802.00	823,440.00
Quarter dollars	960,071.50	2,035.50	962,107.00
20-cent pieces	.60	.20	.80
Dimes	622,265.50	2,224.30	624,489.80
Half dimes	20.65	.55	21.20
3-cent pieces	25.14	.69	25.83
Total silver	2,699,484.39	7,443.24	2,706,927.63
Nickel:			
5-cent pieces	174,495.90	365.65	174,861.55
3-cent pieces	14.76	.12	14.88
1-cent pieces	8.01	.01	8.02
Total nickel	174,518.67	365.78	174,884.45
Copper:			
1-cent pieces	10.07		10.07
½-cent pieces	1.11		1.11
Total copper	11.18		11.18
Bronze and copper-zinc:			
2-cent pieces	7.46	.56	8.02
1-cent pieces	129,336.36	585.38	129,921.74
Total bronze and copper-zinc	129,343.82	585.94	129,929.76
Copper-silver-manganese 5-cent pieces	39,597.85	228.55	39,826.40
Zinc-coated steel 1-cent pieces	337,758.05	23.30	337,781.35
Total minor	681,229.57	1,203.57	682,433.14
Grand total	3,533,280.46	11,092.81	3,544,373.27

SUMMARY		*Weights*
Metal obtained from melting the above:	fine ounces	7,561.258
Gold		
Silver:	do	222,347.48
Uncurrent silver dollars	do	1,626,045.72
All other silver coin	gross ounces	778,683.16
Cupro-nickel	do	1,425,488.42
Bronze, copper, and copper-zinc	do	124,364.99
Copper-silver-manganese (not recoined)	do	2,955,800.62
Zinc-coated steel (not recoined)		
		Value
Monetary value of metal obtained:		$264,644.55
Gold (at $35 per fine ounce)		307,375.23
Silver (at $1.38+ per fine ounce):		2,247,625.41
Uncurrent silver dollars		242,064.94
All other silver coin		142,548.77
Cupro-nickel		13,006.20
Bronze, copper, and copper-zinc		
Gain by recoinage: Uncurrent silver dollars (net)		3,217,265.10
Total		
Loss by recoinage:		164,697.61
Silver (except uncurrent silver dollars)		5,764.19
Cupro-nickel		2,011.90
Bronze, copper, and copper-zinc		
Total		172,473.70

Standard silver dollars (uncurrent) melted for recoinage into subsidiary coin [1]

Fiscal year	Face amount	Fiscal year	Face amount
1943	$8,080,739	1949	$241,740
1944	44,658,194	1950	273,501
1945	393,881	1951	333,292
1946	96,455		
1947	66,655	Total	54,506,246
1948	361,789		

[1] The act of Dec. 18, 1942, authorized all worn and uncurrent standard silver dollars held, or thereafter received in the Treasury, to be formed into bars and used for coinage.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year	Face amount	Fiscal year	Face amount
1883–1929 [1]	$221,149	1942	$562
1930	1,329	1943	244
1931	1,193	1944	682
1932	442	1945	436
1933	513	1946	617
1934	504	1947	1,934
1935	649	1948	451
1936	638	1949	926
1937	339	1950	1,122
1938	607	1951	1,147
1939	629		
1940	366	Total	236,886
1941	407		

[1] For separate fiscal year data prior to 1930, see p. 72 of the 1931 Report.

Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890

Fiscal year	Face amount [1]	Face amount of new coin producible	Loss (net)	Fiscal year	Face amount [1]	Face amount of new coin producible	Loss (net)
1891–1929 [2]	$128,045,738	$121,738,081	$6,307,657	1942	$2,767,828	$2,532,102	$235,726
1930	4,347,695	3,944,682	403,013	1943	10,619,576	10,588,190	31,386
1931	5,487,496	4,997,679	489,817	1944	46,363,450	47,393,898	+1,030,448
1932	7,482,437	6,825,156	657,281	1945	2,363,287	2,210,134	153,153
1933	8,467,446	7,715,023	752,423	1946	1,875,802	1,741,762	134,040
1934	7,563,736	6,948,272	615,464	1947	1,889,558	1,760,734	128,824
1935	8,828,214	8,074,032	754,182	1948	3,133,656	2,945,278	188,378
1936	7,200,195	6,587,520	612,675	1949	2,354,309	2,212,031	142,278
1937	6,026,887	5,526,508	500,379	1950	3,046,067	2,862,286	183,781
1938	5,514,687	5,038,320	476,367	1951	2,681,864	2,534,329	147,535
1939	4,861,773	4,434,279	427,494				
1940	4,530,970	4,140,548	390,422	Total	279,575,610	266,525,513	13,050,097
1941	4,122,939	3,774,669	348,270				

[1] Includes 11,111,168 standard silver dollars melted for subsidiary coin under act of Apr. 23, 1918; and 54,506,246 uncurrent standard silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942.

[2] For separate fiscal year data prior to 1930, see p. 72 of the 1931 Report.

Sales of Treasury silver under act of July 31, 1946, during fiscal years 1947–51 [1]

Fiscal year—	Number of fine ounces sold
1947	8,198
1948	1,728
1949	1,071
1950	
1951	1,628,065
Total	1,639,062

[1] Sales made at 91 cents per fine ounce. For sales of Treasury silver prior to the fiscal year 1947, see pp. 73–79 of the 1946 Report.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936–51 [1]

Fiscal year	Gold bullion	Silver coin and bullion [2]	Population	Per capita		
				Gold	Silver	Total
	Thousands	*Thousands*	*Thousands*			
1936	$10,608,417	$1,587,007	128,413	$82.61	$12.36	$94.97
1937	12,318,271	1,741,175	129,337	95.24	13.46	108.70
1938	12,962,954	1,957,704	130,085	99.65	15.05	114.70
1939	16,110,079	2,157,476	131,173	122.82	16.44	139.26
1940	19,963,091	2,302,501	132,130	151.09	17.43	168.52
1941	22,624,197	2,430,234	133,212	169.84	18.24	188.08
1942	22,736,704	2,582,735	134,474	169.08	19.21	188.29
1943	22,387,522	2,718,711	136,527	163.98	19.91	183.89
1944	21,173,066	2,748,959	138,001	153.43	19.92	173.35
1945	20,212,973	2,840,037	139,408	144.99	20.37	165.36
1946	20,269,934	3,281,637	140,987	143.77	23.28	167.05
1947	21,266,490	3,340,031	144,066	147.62	23.18	170.80
1948	23,532,460	3,400,472	146,587	160.53	23.20	183.73
1949	24,466,324	3,470,872	149,087	164.11	23.28	187.39
1950	24,230,720	3,496,991	151,734	159.69	23.05	182.74
1951	21,755,888	3,591,421	154,365	140.94	23.26	164.20

[1] For data from 1873–1935, see Annual Report for 1944, p. 81.
[2] Includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates; does not include bullion held at cost value by the Treasury at close of each fiscal year.

Summary of newly mined domestic silver purchased by the Treasury, fiscal years 1934–51

Fiscal year	Purchased under Executive Proclamation of Dec. 21, 1933, and subsequent proclamations [1]		Purchased under the act of July 6, 1939 [2]		Purchased under the act of July 6, 1939, as amended by the act of July 31, 1946 [3]		Total newly mined domestic	
	Fine ounces	*Value*	*Fine ounces*	*Value*	*Fine ounces*	*Value*	*Fine ounces*	*Value*
1934	8,558,161	$5,532,520					8,558,161	$5,532,520
1935	30,863,349	20,214,113					30,863,349	20,214,113
1936	49,479,904	38,181,917					49,479,904	38,181,917
1937	62,932,341	48,776,104					62,932,341	48,776,104
1938	68,117,418	50,877,249					68,117,418	50,877,249
1939	63,615,086	41,608,830					63,615,086	41,608,830
1940	17,630,035	11,396,258	44,567,059	$31,691,636			62,197,094	43,087,894
1941	2,136	1,381	71,408,243	50,778,402			71,410,379	50,779,783
1942			68,401,222	48,640,109			68,401,222	48,640,109
1943			19,602,070	13,929,032			19,602,070	13,929,032
1944			661,475	470,375			661,475	470,375
1945			71,791	51,051			71,791	51,051
1946			1,289,087	916,670			1,289,087	916,670
1947			262,544	186,695	18,087,510	$16,370,108	18,350,054	16,556,803
1948			40,058	28,486	33,443,750	30,268,282	33,483,808	30,296,768
1949			233	165	36,328,853	32,879,431	36,329,086	32,879,596
1950			665	473	38,228,140	34,602,337	38,228,805	34,602,810
1951			5	3	38,074,031	34,455,532	38,074,036	34,455,535
Total	301,198,430	216,588,372	206,304,452	146,693,097	164,162,284	148,575,690	671,665,166	511,857,159

[1] Purchased at the following prices: At 64.64+ cents per fine ounce Dec. 21, 1933–Apr. 9, 1935; at 71.11+ cents per fine ounce Apr. 10, 1935–Apr. 23, 1935; at 77.57+ cents per fine ounce Apr. 24, 1935–Dec. 31, 1937; at 64.64+ cents per fine ounce Jan. 1, 1938–June 30, 1939; at 71.11+ cents per fine ounce after July 1, 1939.

[2] Purchased at 71.11+ cents per fine ounce.

[3] Purchased at 90.505+ cents per fine ounce.

Detailed receipts of the Bureau of the Mint for the fiscal year ended June 30, 1951

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Office of Director, Washington	Total
General receipts:							
Seigniorage on subsidiary silver coinage	$10,000,000.00	$4,250,000.00	$9,915,262.27				$24,165,262.27
Seigniorage on minor coinage	2,600,000.00	1,400,000.00	4,372,521.33			$81,582.72	8,454,104.05
Seigniorage on silver bullion, difference between cost value and monetary value	4,615,757.62	5,701,818.23					10,317,575.85
Charges on bullion deposits	14,112.08	70,362.89	16,793.42	$27,712.10	$20,547.22		149,527.71
Bar charges on bullion sales	622.43	374.17	2,344.39	35,729.81			39,070.80
Proceeds of surplus bullion recovered	12,673.22	17,424.07	15,065.11	46,921.52	3,679.49		95,763.41
Profit on sale of silver bullion	3,423.28	3,739.61		7,919.03			15,081.92
Handling charges on gold purchases	3,878.26	48,798.66	58,387.94	39,004.59	26,779.87		176,849.32
Handling charges on gold sales	1,968.77	1,724.96	6,694.32	205,476.35			215,864.40
Charges on sales and handling, not otherwise classified	498.60		1.80	39.09			539.49
Commissions on telephone pay stations in Federal buildings outside of Washington, D. C.	84.75		46.15				130.90
Fees, vending machines			53.35				53.35
Fines, penalties, and forefeitures, not otherwise classified		37,042.69		3,214.73			40,257.42
Sale of stores	1.00						1.00
Testing fees	694.00			1,604.00	339.50		2,637.50
Fees and other charges for administrative, professional, and scientific services, not otherwise classified	42.00						42.00
Fees and other charges for miscellaneous services, not otherwise classified	151.89					829.29	981.18
Sale of scrap and salvaged surplus materials	3,508.93	963.57	317.85	969.60		52.60	5,812.55
Sale of equipment				70.00		206.13	276.13
Recoveries for government property lost or damaged, not otherwise classified		10.90					10.90
Recoveries, jury service			36.00				36.00
Repayments, lapsed appropriations	36.75			300.00			336.75
Refund on empty containers				129.00			129.00
Refund of terminal leave compensation	44.16						44.16
Total general account receipts	17,257,497.74	11,532,259.75	14,387,523.93	369,089.82	51,346.08	82,670.74	43,680,388.06
Special account receipts: Increment resulting from reduction in the weight of the gold dollar	371.59	224.91	139.69	1,696.89	224.89		2,657.97
Total receipts	17,257,869.33	11,532,484.66	14,387,663.62	370,786.71	51,570.97	82,670.74	43,683,046.03

Cash assets and liabilities of the United States Mint Institutions on June 30, 1951

ASSETS

Institution	Gold bullion		Silver bullion [1]	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	115,484.737	$4,041,950.66	133,744,786.73	$134,708,476.82
San Francisco Mint	15,363,057.415	537,707,009.45	575,964,719.92	738,162,222.48
Denver Mint	165,558,269.330	5,794,539,426.82	174,600,876.16	224,058,765.50
New York Assay Office (including West Point Depository)	83,870,294.337	2,935,460,313.34	376,176,193.19	474,197,769.96
Seattle Assay Office	18,450.586	645,770.13	4,064.28	3,280.97
Fort Knox Depository	356,669,010.306	12,483,415,360.28		
Total	621,594,566.711	21,755,809,830.68	1,260,490,640.28	1,571,130,515.73

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$149,612,695.65	$14,677.95	
San Francisco Mint	27,571,322.20	478,995.66	$10,150.00
Denver Mint	10,489,908.75	810,114.94	9,350.00
New York Assay Office (including West Point Depository)	47,700,500.00	232.20	238,000.00
Seattle Assay Office			
Fort Knox Depository			
Total	235,374,426.60	1,304,020.75	257,500.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$364,166.34	$639.58	$278,906.53	$289,021,513.53
San Francisco Mint	128,392.16	107.91	83,427.95	1,304,141,627.81
Denver Mint	234,957.30	7,906.04	102,101.71	6,030,252,531.06
New York Assay Office (including West Point Depository)				3,457,596,815.50
Seattle Assay Office				649,051.10
Fort Knox Depository				12,483,415,360.28
Total	727,515.80	8,653.53	464,436.19	23,565,076,899.28

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total liabilities
Philadelphia Mint	$288,377,221.18	$525,000.00	$639.58	$118,652.77	$289,021,513.53
San Francisco Mint	1,303,929,699.79	175,000.00	107.91	36,820.11	1,304,141,627.81
Denver Mint	6,029,791,304.66	300,000.00	73,560.08	87,666.32	6,030,252,531.06
New York Assay Office (including West Point Depository)	3,457,596,815.50				3,457,596,815.50
Seattle Assay Office	649,051.10				649,051.10
Fort Knox Depository	12,483,415,360.28				12,483,415,360.28
Total	23,563,759,452.51	1,000,000.00	74,307.57	243,139.20	23,565,076,899.28

[1] Does not include 79,151,820 fine ounces of silver bullion held in special custody account.

Cash assets and liabilities of the United States Mint Institutions on December 31, 1950

ASSETS

Institution	Gold bullion		Silver bullion [1]	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	125,514,349	$4,392,989.05	126,794,227.55	$120,145,682.54
San Francisco Mint	14,885,689.551	520,999,134.24	564,506,450.25	726,110,209.48
Denver Mint	165,284,513.772	5,784,957,982.00	133,357,566.15	167,774,265.50
New York Assay Office (including West Point Depository)	111,570,450.038	3,904,965,761.25	347,934,963.59	435,557,597.89
Seattle Assay Office	206,723.005	7,235,305.28	30,719.09	25,571.91
Fort Knox Depository	356,669,010.306	12,483,415,360.28		
Total	648,741,901.021	22,705,966,532.10	1,172,623,926.63	1,449,613,327.32

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$150,630,421.25	$94,027.68	
San Francisco Mint	29,595,993.95	142,544.06	$7,800.00
Denver Mint	12,535,709.25	158,595.79	8,700.00
New York Assay Office (including West Point Depository)	47,910,765.95		702,474.00
Seattle Assay Office			
Fort Knox Depository			
Total	240,672,890.40	395,167.53	718,974.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$273,700.51	$3,379.82	$310,972.49	$275,851,173.34
San Francisco Mint	187,718.54		52,707.14	1,277,096,107.41
Denver Mint	154,898.95	889.68	168,324.10	5,965,759,365.27
New York Assay Office (including West Point Depository)				4,389,136,599.09
Seattle Assay Office				7,260,877.19
Fort Knox Depository				12,483,415,360.28
Total	616,318.00	4,269.50	532,003.73	24,398,519,482.58

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total liabilities
Philadelphia Mint	$275,169,068.84	$525,000.00	$31,690.83	$125,413.67	$275,851,173.34
San Francisco Mint	1,276,757,614.80	175,000.00	73,050.17	90,442.44	1,277,096,107.41
Denver Mint	5,965,128,293.00	300,000.00	174,595.65	156,476.62	5,965,759,365.27
New York Assay Office (including West Point Depository)	4,389,136,599.09				4,389,136,599.09
Seattle Assay Office	7,260,877.19				7,260,877.19
Fort Knox Depository	12,483,415,360.28				12,483,415,360.28
Total	24,396,867,813.20	1,000,000.00	279,336.65	372,332.73	24,398,519,482.58

[1] Does not include 161,911,812 fine ounces of silver bullion in special custody account.

United States coinage during the calendar year 1950

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER (900 FINE)					
Half dollars:					
Regular	$3,896,754.50		$4,015,800.00	$7,912,554.50	15,825,109
Commemorative: Booker T. Washington	6,002.00	$256,045.50	6,002.00	268,049.50	536,099
Quarter dollars	6,242,878.00	2,571,001.00	5,268,900.00	14,082,779.00	56,331,116
Dimes	5,018,150.00	2,044,000.00	4,680,300.00	11,742,450.00	117,424,500
Total silver	15,163,784.50	4,871,046.50	13,971,002.00	34,005,833.00	190,116,824
MINOR					
Five-cent pieces (cupro-nickel)	492,369.30		131,501.50	623,870.80	12,477,416
One-cent pieces (bronze)	2,726,863.86	1,185,050.00	3,349,500.00	7,261,413.86	726,141,386
Total minor	3,219,233.16	1,185,050.00	3,481,001.50	7,885,284.66	738,618,802
Total domestic coinage	18,383,017.66	6,056,096.50	17,452,003.50	41,891,117.66	928,735,626

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1933 (May 19)	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225	57,683,485	576,834,850.00
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225	78,911,869	394,559,345.00
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔		
Do [2]	June 28, 1834	64.5	899.225	20,216,590	50,541,475.00
Do [2]	Jan. 18, 1837	64.5	900		
Do [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1950	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4+		
Do. [2]	Jan. 18, 1837	412½	900		
Do. [2]	Feb. 28, 1878	412½	900		
Do. [2]	July 14, 1890	412½	900	855,611,127	[3] $855,611,127.00
Do. [2]	Mar. 3, 1891	412½	900		
Do. [2]	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4+		
Do	Jan. 18, 1837	206¾	900		
Do	Feb. 21, 1853	192	900	903,520,735	451,760,367.50
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.0[0]

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	$36,087,285	
Act Nov. 1, 1893, to June 12, 1898	42,139,872	
Act June 13, 1898, war revenue bill	108,800,188	
		187,027,345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5,078,472
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1950	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	$50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco - Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine, Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	do	192.9	900	2,633,115	1,316,557.50
Quarter dollar	Apr. 2, 1792	104	892.4+		
Do	Jan. 18, 1837	103⅛	900	1,798,012,985	449,503,246.25
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4+		
Do	Jan. 18, 1837	41¼	900	4,339,608,445	433,960,844.50
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4+		
Do.[10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12¾	750		
Do.[10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				8,089,122,427	2,240,603,614.60

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1950	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		3,368,691,948	$168,434,597.40
Do	Feb. 12, 1873	77.16		869,923,700	43,496,185.00
5 cents (silver)	([2])				
3 cents (nickel) [3]	Mar. 3, 1865	30		31,378,316	941,349.48
Do [3]	Feb. 12, 1873			45,601,000	912,020.00
2 cents (bronze) [4]	Apr. 22, 1864	96			
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208		156,288,744	1,562,887.44
Do	[5] Jan. 26, 1796	186			
Do [6]	Jan. 18, 1837	168			
Cent (nickel) [7]	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48		12,752,202,484	127,522,024.84
Do	Feb. 12, 1873				
Cent (zinc-steel)	([8])	41.5		1,093,838,670	10,938,386.70
Do	([8])	42.5		5,102,736,000	51,027,360.00
Cent (copper-zinc)	([9])	48			
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104		7,981,822	39,909.11
Do	[5] Jan. 25, 1796	84			
Do [6]	Jan. 18, 1837	84			
Total minor				23,629,414,684	406,882,439.97
Grand total gold, silver, and minor				32,070,082,469	7,173,704,532.07

[1] *Composition—percent:*
5 and 3 cents (nickel)—copper, 75; nickel, 25.
5 cents (silver)—copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—pure copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.
1 cent (copper-zinc)—copper 95; zinc 5.

[2] 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945, from Oct. 1, 1942, until expiration of authority Dec. 31, 1945.

[3] 3-cents (nickel) discontinued by act of Sept. 26, 1890.

[4] 2-cents (bronze) discontinued by act of Feb. 12, 1873.

[5] Proclamation of the President in conformity with act of Mar. 3, 1795.

[6] Copper cent and half cent discontinued by act of Feb. 21, 1857.

[7] Nickel cent discontinued by act of Apr. 22, 1864.

[8] Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.

[9] Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.

Note.—Additional coinage information, by mints and calendar years, is available in pamphlet form entitled "Domestic Coin Manufactured By Mints of the United States". This pamphlet is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C., at a cost of 15 cents.

United States coinage during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	Total
PHILADELPHIA											
Silver:											
Half dollars	31,753,130	67,023,354	32,918,000	40,878,000	8,550,000	13,466,603	3,120,022	4,110,818	6,506,927	6,992,229	215,319,083
Quarter dollars	75,107,008	140,585,354	79,688,000	95,180,000	53,700,000	40,052,000	26,948,000	36,536,000	11,562,194	29,220,948	588,579,504
Dimes	159,180,424	254,009,254	156,430,000	244,130,000	166,910,000	225,450,000	87,700,000	80,720,000	5,302,573	79,518,557	1,459,350,808
Minor:											
5-cent pieces	158,484,400	216,594,600	161,678,000	108,748,100	140,067,000	122,272,000	98,764,000	82,116,000	50,331,554	10,091,432	1,149,147,086
1-cent pieces	1,070,230,100	279,242,800	1,119,423,670	1,577,669,000	678,664,000	849,500,000	244,135,000	255,735,000	173,240,416	292,440,570	6,540,280,556
Total	1,494,755,062	957,455,362	1,550,137,670	2,066,605,100	1,047,891,000	1,250,740,603	460,667,022	459,217,818	246,943,664	418,263,736	9,952,677,037
SAN FRANCISCO											
Silver:											
Half dollars	12,152,000	13,376,000	12,158,000	10,702,000	8,196,000	500,279	120,022	12,004	4,256,091	3,286,004	64,758,400
Quarter dollars	20,744,000	20,634,000	19,476,000	16,036,001	8,392,000	4,204,000	5,532,000	15,960,000	1,728,000	11,984,004	124,740,005
Dimes	55,930,000	53,160,000	63,530,000	45,370,000	42,470,000	16,070,000	23,680,000	35,520,000	13,510,000	30,120,000	379,360,000
Minor:											
5-cent pieces	28,780,000	89,490,000	61,510,000	17,360,000	60,579,000	22,260,000	4,620,000	21,016,000	----------	7,776,000	313,391,000
1-cent pieces	147,170,000	71,170,000	418,490,000	83,160,000	135,470,000	232,300,000	118,900,000	55,585,000	58,860,000	126,045,000	1,447,150,000
Total	264,776,000	247,880,000	575,164,000	172,628,001	255,107,000	275,334,279	152,852,022	128,093,004	78,354,091	179,211,008	2,329,399,405
DENVER											
Silver:											
Half dollars	12,856,000	14,446,000	5,607,800	11,742,200	5,823,600	5,327,813	4,148,622	2,660,004	5,355,204	6,951,604	74,918,847
Quarter dollars	21,943,600	19,348,400	12,086,800	15,000,800	7,204,000	8,312,400	17,742,400	17,906,400	2,648,800	30,808,400	153,002,000
Dimes	59,670,000	100,471,000	24,462,000	52,151,000	57,583,500	57,947,000	33,394,000	63,685,000	9,770,000	52,103,000	511,236,500
Minor:											
5-cent pieces	38,820,000	----------	30,442,000	29,519,000	41,980,000	52,438,200	20,868,000	53,215,000	20,645,000	22,978,030	310,905,230
1-cent pieces	222,070,000	132,498,000	380,740,000	298,488,000	242,538,000	366,385,000	113,250,000	186,480,000	133,555,000	447,505,000	2,523,509,000
Total	355,359,600	266,763,400	453,338,600	406,901,000	355,129,100	490,410,413	189,403,022	323,946,404	171,974,004	560,346,034	3,573,571,577
ALL MINTS											
Silver:											
Half dollars	56,761,130	94,845,354	50,683,800	63,322,200	22,569,600	19,294,695	7,388,666	6,782,826	16,118,222	17,229,837	354,996,330
Quarter dollars	117,794,608	180,617,754	111,250,800	126,216,801	69,296,000	52,568,400	50,222,400	70,402,400	15,938,994	72,013,352	866,321,509
Dimes	274,780,424	407,640,254	244,422,000	341,651,000	266,963,500	299,467,000	144,774,000	179,925,000	28,582,573	161,741,557	2,349,947,308
Minor:											
5-cent pieces	226,084,400	306,084,600	253,630,000	155,627,100	242,626,000	196,970,200	124,252,000	156,347,000	70,976,554	40,845,462	1,773,443,316
1-cent pieces	1,439,470,100	482,910,800	1,918,653,670	1,959,317,000	1,056,672,000	1,448,185,000	476,285,000	497,800,000	365,655,416	865,990,570	10,510,939,556
Grand total pieces	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	1,658,127,100	2,016,485,295	802,922,066	911,257,226	497,271,759	1,157,820,778	15,855,648,019

United States coinage during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)

Mint and denomination	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	Total
PHILADELPHIA											
Silver:											
Half dollars	$15,876,565	$33,511,677	$16,459,000	$20,439,000	$4,275,000	$6,733,302	$1,560,011	$2,055,409	$3,253,464	$3,496,114	$107,659,542
Quarter dollars	18,776,752	35,146,339	19,922,000	23,795,000	13,425,000	10,013,000	6,737,000	9,134,000	2,890,548	7,305,237	147,144,876
Dimes	15,918,042	25,400,925	15,643,000	24,413,000	16,691,000	22,545,000	8,770,000	8,072,000	530,257	7,951,856	145,935,081
Minor:											
5-cent pieces	7,924,220	10,829,730	8,083,900	5,437,405	7,003,350	6,113,600	4,938,200	4,105,800	2,516,578	504,572	57,457,355
1-cent pieces	10,702,301	2,792,428	11,194,237	15,776,690	6,786,640	8,495,000	2,441,350	2,557,350	1,732,404	2,924,406	65,402,804
Total	69,197,880	107,681,099	71,302,137	89,861,095	48,180,990	53,899,902	24,446,561	25,924,559	10,923,251	22,182,185	523,599,658
SAN FRANCISCO											
Silver:											
Half dollars	6,076,000	6,688,000	6,079,000	5,351,000	4,098,000	250,139	60,011	6,002	2,128,046	1,643,002	32,379,201
Quarter dollars	5,186,000	5,171,000	4,869,000	4,009,000	2,098,000	1,051,000	1,383,000	3,990,000	432,000	2,996,001	31,185,001
Dimes	5,593,000	5,316,000	6,353,000	4,537,000	4,247,000	1,607,000	2,368,000	3,552,000	1,351,000	3,012,000	37,936,000
Minor:											
5-cent pieces	1,439,000	4,474,500	3,075,500	868,000	3,028,950	1,113,000	231,000	1,050,800		388,800	15,669,550
1-cent pieces	1,471,700	711,700	4,184,900	831,600	1,354,700	2,323,000	1,189,000	555,850	588,600	1,260,450	14,471,500
Total	19,765,700	22,361,200	24,561,400	15,596,600	14,826,650	6,344,139	5,231,011	9,154,652	4,499,646	9,300,253	131,641,252
DENVER											
Silver:											
Half dollars	6,428,000	7,223,000	2,803,900	5,871,100	2,911,800	2,663,907	2,074,311	1,330,002	2,677,602	3,475,802	37,459,425
Quarter dollars	5,485,900	4,837,100	3,021,700	3,750,200	1,801,000	2,078,100	4,435,600	4,476,600	662,200	7,702,100	38,250,500
Dimes	5,967,000	10,047,100	2,446,200	5,215,100	5,758,350	5,794,700	3,339,400	6,368,500	977,000	5,210,300	51,123,650
Minor:											
5-cent pieces	1,941,000		1,522,100	1,475,950	2,099,000	2,621,910	1,043,400	2,660,750	1,032,250	1,148,902	15,545,262
1-cent pieces	2,220,700	1,324,980	3,807,400	2,984,880	2,425,380	3,663,850	1,132,500	1,864,800	1,335,550	4,475,050	25,235,090
Total	22,042,600	23,432,180	13,601,300	19,297,230	14,995,530	16,822,467	12,025,211	16,700,652	6,684,602	22,012,154	167,613,927
ALL MINTS											
Silver:											
Half dollars	28,380,565	47,422,677	25,341,900	31,661,100	11,284,800	9,647,348	3,694,333	3,391,413	8,059,111	8,614,918	177,498,166
Quarter dollars	29,448,652	45,154,439	27,812,700	31,554,200	17,324,000	13,142,100	12,555,600	17,600,600	3,984,749	18,003,338	216,580,378
Dimes	27,478,042	40,764,025	24,442,200	34,165,100	26,696,350	29,946,700	14,477,400	17,992,500	2,858,257	16,174,156	234,994,731
Minor:											
5-cent pieces	11,304,220	15,304,231	12,681,500	7,781,355	12,131,300	9,848,510	6,212,600	7,817,350	3,548,828	2,042,273	88,672,166
1-cent pieces	14,394,701	4,829,108	19,186,537	19,593,170	10,566,720	14,481,850	4,762,850	4,978,000	3,656,554	8,659,906	105,109,405
Grand total amount	111,006,180	153,474,480	109,464,837	124,754,925	78,003,170	77,066,508	41,702,783	51,779,863	22,107,499	53,494,591	822,854,846

Price of silver in New York, 1950–51

Year and month	New York official price per ounce 0.999 fine		
	Highest	Lowest	Average
1950			
January	$0.73250	$0.73250	$0.73250
February	.73250	.73250	.73250
March	.73250	.71750	.73098
April	.71750	.71750	.71750
May	.72750	.71750	.72614
June	.72750	.72750	.72750
July	.72750	.72750	.72750
August	.72750	.72750	.72750
September	.72750	.72750	.72750
October	.80000	.72750	.75000
November	.80000	.80000	.80000
December	.80000	.80000	.80000
Average, calendar year 1950			.74169
1951			
January	.90160	.80000	.88709
February	.90160	.90160	.90160
March	.90160	.90160	.90160
April	.90160	.90160	.90160
May	.90160	.90160	.90160
June	.90160	.87750	.88439
Average, fiscal year 1951			.82592

Price of silver in London, 1950–51 [1]

Year and month	London spot price per ounce 0.999 fine [2]			Average monthly pound sterling exchange, New York on London [3]	United States equivalent of average monthly London price per ounce 0.999 fine
	Highest	Lowest	Average		
1950	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	64	64	64.0000	2.8007	0.7469
February	64	64	64.0000	2.8007	.7469
March	64	63	63.9565	2.8007	.7463
April	63	63	63.0000	2.8007	.7352
May	63½	63	63.4091	2.8007	.7400
June	63½	63½	63.5000	2.8007	.7410
July	63½	63½	63.5000	2.8007	.7410
August	63½	63½	63.5000	2.8007	.7410
September	63½	63½	63.5000	2.8007	.7410
October	70	63½	65.1818	2.8007	.7606
November	70	70	70.0000	2.8007	.8169
December	70	70	70.0000	2.7999	.8166
Average			64.7756	2.8007	.7559
1951 [4]					
January	78½	70	76.5682	2.7997	.8932
February	78½	78½	78.5000	2.8007	.9161
March	78½	78½	78.5000	2.8007	.9161
April	78½	78½	78.5000	2.8007	.9161
May	78½	78½	78.5000	2.8006	.9160
June	78½	76½	77.0714	2.8007	.8994

[1] For annual prices 1833–1943, see Annual Report for 1944, p. 88; and for subsequent years, see each succeeding report.
[2] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.
[3] Averages of certified noon buying rates in New York for cable transfers.
[4] Average during U. S. Government fiscal year 1951, 71.9434 pence, United States equivalent $0.8395.

Highest, lowest, and average price of silver per fine ounce in New York since 1874 [1]

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1913	$0.65125	$0.58000	$0.61241
1875	1.26125	1.21000	1.23883	1914	.60875	.49000	.56331
1876	1.26000	1.03500	1.14950	1915	.58000	.47750	.51062
1877	1.26000	1.16000	1.19408	1916	.79125	.57250	.67151
1878	1.20750	1.08500	1.15429	1917	1.16500	.73125	.84000
1879	1.16750	1.06500	1.12088	1918	1.01937	.88937	.98445
1880	1.15000	1.11250	1.13931	1919	1.38250	1.01375	1.12087
1881	1.14500	1.11000	1.12823	1920	1.37875	.60375	1.01940
1882	1.15000	1.09000	1.13855	1921	.73813	.53188	.63096
1883	1.11750	1.09500	1.10874	1922	.74188	.62875	.67934
1884	1.13250	1.08000	1.11161	1923	.69000	.62875	.65239
1885	1.09500	1.02750	1.06428	1924	.72375	.63000	.67111
1886	1.03500	.92500	.99880	1925	.73187	.66812	.69406
1887	1.03500	.95000	.97899	1926	.68937	.51812	.62428
1888	.97750	.92000	.94300	1927	.60312	.54187	.56680
1889	.97250	.92500	.93634	1928	.63937	.56812	.58488
1890	1.20500	.95750	1.05329	1929	.57812	.46812	.53306
1891	1.07500	.94750	.99033	1930	.47187	.31062	.38466
1892	.95250	.83000	.87552	1931	.37562	.26062	.29013
1893	.85000	.65000	.78219	1932	.31312	.24562	.28204
1894	.70000	.59500	.64043	1933	.45312	.24812	.34997
1895	.69000	.60000	.66268	1934	.56062	.42062	.48283
1896	.70250	.65625	.68195	1935	.81312	.50062	.64582
1897	.66125	.52750	.60774	1936	.50062	.45062	.45399
1898	.62250	.55125	.59064	1937	.47062	.45062	.45195
1899	.64750	.58625	.60507	1938	.45062	.43062	.43537
1900	.65750	.59750	.62065	1939	.43062	.35062	.39395
1901	.64500	.54750	.59703	1940	.35937	.35062	.35085
1902	.56875	.47375	.52815	1941	.35437	.35062	.35095
1903	.62375	.47500	.54208	1942	.45062	.35437	.38645
1904	.62500	.53375	.57843	1943	.45062	.45062	.45062
1905	.66500	.55625	.61008	1944	.45062	.45062	.45062
1906	.72375	.63125	.67379	1945	.70750	.44750	.51928
1907	.71000	.52750	.65978	1946	.90125	.70750	.80151
1908	.58875	.48250	.53496	1947	.86250	.59750	.71820
1909	.54500	.50750	.52163	1948	.77500	.70000	.74361
1910	.57625	.50750	.54245	1949	.73250	.70000	.71930
1911	.57500	.52125	.54002	1950	.90160	.71750	.74169
1912	.65625	.55250	.62006				

[1] Quotations are asked prices 1874–1917; mean of bid and asked prices 1918–1944; "official" prices 1945 and thereafter.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837 [1]

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1860	$1.045	1883	$0.85754	1906	$0.52353	1929	$0.41229
1838	1.008	1861	1.031	1884	.85904	1907	.51164	1930	.29751
1839	1.023	1862	1.041	1885	.82379	1908	.41371	1931	.22440
1840	1.023	1863	1.040	1886	.76931	1909	.40231	1932	.21814
1841	1.018	1864	1.040	1887	.75755	1910	.41825	1933	.27068
1842	1.007	1865	1.035	1888	.72683	1911	.41709	1934	.37344
1843	1.003	1866	1.036	1889	.72325	1912	.47543	1935	.49950
1844	1.008	1867	1.027	1890	.80927	1913	.46760	1936	.35113
1845	1.004	1868	1.025	1891	.76416	1914	.42780	1937	.34956
1846	1.005	1869	1.024	1892	.67401	1915	.40135	1938	.33673
1847	1.011	1870	1.027	1893	.60351	1916	.53094	1939	.30470
1848	1.008	1871	1.025	1894	.49097	1917	.69242	1940	.27136
1849	1.013	1872	1.022	1895	.50587	1918	.76142	1941	.27144
1850	1.018	1873	1.00368	1896	.52257	1919	.86602	1942	.29889
1851	1.034	1874	.98909	1897	.46745	1920	.78844	1943	.34853
1852	1.025	1875	.99086	1898	.45640	1921	.48801	1944	.34853
1853	1.042	1876	.90039	1899	.46525	1922	.52543	1945	.40163
1854	1.042	1877	.92958	1900	.47958	1923	.50458	1946	.61992
1855	1.039	1878	.89222	1901	.46093	1924	.51906	1947	.55548
1856	1.039	1879	.86928	1902	.40835	1925	.53681	1948	.57514
1857	1.046	1880	.88564	1903	.41960	1926	.48284	1949	.55689
1858	1.039	1881	.87575	1904	.44763	1927	.43838	1950	.57423
1859	1.052	1882	.87833	1905	.47200	1928	.45237		

[1] Based upon asked prices through 1917; mean of bid and asked prices 1918–44; New York "official" prices 1945 and thereafter.

Average commercial ratio of silver to gold each calendar year since 1837 [1]

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1837	15.83	1860	15.29	1883	18.64	1906	30.54	1929	38.78
1838	15.85	1861	15.50	1884	18.61	1907	31.24	1930	53.74
1839	15.62	1862	15.35	1885	19.41	1908	38.64	1931	71.25
1840	15.62	1863	15.37	1886	20.78	1909	39.74	1932	73.29
1841	15.70	1864	15.37	1887	21.10	1910	38.22	1933	59.06
1842	15.87	1865	15.44	1888	22.00	1911	38.33	1934	72.49
1843	15.93	1866	15.43	1889	22.10	1912	33.62	1935	54.19
1844	15.85	1867	15.57	1890	19.75	1913	34.19	1936	77.09
1845	15.92	1868	15.59	1891	20.92	1914	37.37	1937	77.44
1846	15.90	1869	15.60	1892	23.72	1915	40.48	1938	80.39
1847	15.80	1870	15.57	1893	26.49	1916	30.78	1939	88.84
1848	15.85	1871	15.57	1894	32.56	1917	24.61	1940	99.76
1849	15.78	1872	15.63	1895	31.60	1918	21.00	1941	99.73
1850	15.70	1873	15.93	1896	30.59	1919	18.44	1942	90.57
1851	15.46	1874	16.16	1897	34.20	1920	20.28	1943	77.67
1852	15.59	1875	16.64	1898	35.03	1921	32.76	1944	77.67
1853	15.33	1876	17.75	1899	34.36	1922	30.43	1945	67.40
1854	15.33	1877	17.20	1900	33.33	1923	31.69	1946	43.67
1855	15.38	1878	17.92	1901	34.68	1924	30.80	1947	48.73
1856	15.38	1879	18.39	1902	39.15	1925	29.78	1948	47.07
1857	15.27	1880	18.05	1903	38.10	1926	33.11	1949	48.61
1858	15.38	1881	18.25	1904	35.70	1927	36.47	1950	47.14
1859	15.19	1882	18.20	1905	33.87	1928	35.34		

[1] For ratios from 1687–1836, see p. 91 of the 1944 Annual Report. Ratios shown above from 1837–1878 inclusive are from Pixley and Abell's tables. Ratios since 1878 are based upon the price of gold at $20.67+ per fine ounce until 1934 and at $35 per fine ounce thereafter; and upon the prices of silver as shown in the preceding table titled "Highest, lowest, and average price of silver per fine ounce in New York since 1874."

Summary of total United States exports and imports of gold and silver during the fiscal year 1951 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion		$29,288,851		$22,949,231
Refined bullion	$1,025,554,455	13,092,626	$7,527,759	66,829,510
United States coin	2,710,692	2,010	440,370	7,181,432
Foreign coin	25,457,167	8,095	3,319,856	46,990,754
Total	1,053,722,314	42,391,582	11,287,985	143,950,927

[1] Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

Summary of total United States exports and imports of gold and silver during the calendar year 1950 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion	$34,000	$31,645,329		$24,494,012
Refined bullion	514,249,443	131,098,535	$3,562,606	54,978,871
United States coin		2,010	51,750	3,681,551
Foreign coin	19,752,351	2,787	2,587,518	26,880,673
Total	534,035,794	162,748,661	6,201,874	110,035,107

[1] Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

WORLD MONETARY STATISTICS

The statistics of foreign countries on coinage systems, production, consumption, and stocks of gold and silver, published annually in the reports of the Director of the United States Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the completed reports are forwarded directly to the Director of the Mint.

Information submitted to the interrogatories in general is published herein as received, with the addition of equivalents. In the absence of official returns the most reliable data available are used in compiling world statistics.

Tables include the following:

1. Gold and silver monetary stocks of principal countries of the world at end of calendar year 1950.
2. Coinage mints of the world in operation during 1950.
3. Coinage of nations during the year ended December 31, 1950.
4. Coinage of Australia during the year ended December 31, 1949 (see previous year's report for coinage of other nations during 1949).
5. Silver coins withdrawn from active circulation in various countries of the world during the year ended December 31, 1950.
6. Gold and silver in the form of old plate, jewelry, and other old material returned from use in the industrial arts by being deposited with the monetary authority in various countries of the world during 1949 and 1950.
7. Estimated quantity of gold and silver issued for use or used in the industrial arts in various countries of the world during 1949 and 1950.
8. Characteristics of coins in circulation.
9. World production of gold, 1945–50, by countries, in fine ounces (complied by the Bureau of Mines, U. S. Department of the Interior).
10. World production of silver, 1945–50, by countries, in fine ounces (compiled by the Bureau of Mines, U. S. Department of the Interior).

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1950 (subject to revision)

[Gold reported on quantity basis, in troy ounces, grams, or kilograms and converted to United States money at rate of $35 per fine ounce (1 United States dollar is legally defined as 15 5/21 grains of gold 9/10 fine). Silver reported face amount converted to United States money at exchange rate, or reported quantity valued at New York average market rate for December 1950, $0.80 per ounce 999/1000 fine]

Country	Monetary unit	Exchange rate—average for December 1950 (New York rate if certified)	Gold bullion and coin held by Government agencies		Silver bullion and coin—U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation including coin in commercial banks (000 omitted)	Total silver (000 omitted)
United States	Dollar	$1.00000	651,999	$22,819,963	$2,135,732	$316,307	$1,202,014	$3,654,053
Algeria and Tunisia	Franc	.00286	168	5,892				
Australia [1]	Pound	2.23160	2,513	87,964	5,507	7,465	59,086	72,058
Austria	Schilling	.04653	1,424	49,824				
Belgian Congo	Franc	.01998	669	23,421		721	279	1,000
Belgium	do	.01998	16,781	587,338	2,070	9,160	27,371	38,601
Bolivia	Boliviano	.01650	653	22,840		39		39
Brazil	Cruzeiro	.05441	9,053	316,843				
British East Africa	Shilling	.14000				2,521	15,613	18,134
British Guiana	Dollar	.58331					1,254	1,254
British Honduras	do	.69998					105	105
British West Africa	Pound	2.79990				21	2,503	2,524
British West Indies:								
Barbados	Dollar	.58331					265	265
Jamaica	Pound	2.79990				861	(2)	861
Trinidad and Tobago	Dollar	.58331				86	208	294
Canada	do	.94913	16,963	593,721	1,873	385	69,467	71,725
Chile	Peso	.03215	1,152	40,315				
Costa Rica	Colon	.17637	59	2,056				
Cuba	Peso	1.00000	7,730	270,562		[3] 66,964	[3] 9,972	[3] 76,936
Cyprus	Pound	2.79990					[4] 1,198	[4] 1,198
Denmark	Krone	.14494	900	31,485				
Dominican Republic	Peso	1.00000	116	4,045		4	1,346	1,350
Ecuador	Sucre	.06601	536	18,749	177	792	1,020	1,989
Egypt and Anglo-Egyptian Sudan	Pound	2.86760	2,805	98,161			16,900	16,900
El Salvador	Colon	.40000	658	23,025		[5] 71	[3] 1,349	[3] 1,420
Ethiopia	Dollar	.39526	109	3,817	3,648	553	9,414	13,615
Fiji	Pound	2.52243				106	517	623
Finland	Markka	.00433	344	12,034				
France	Franc	.00286	[5] 14,938	[5] 522,840	2,832			2,832
French Morocco	do	.00286	306	10,716	179			179
Germany	Deutsche mark	.23838			1,418	4,479		5,897

Guatemala	Quetzal	1.00000	778	27,229	31	58	2,927	3,016
Haiti	Gourde	.20000	76	2,649		[3] 22	[3] 25	[3] 47
Honduras	Lempira	.49500	3	109		[3] 3,734	[3] 7,986	[3] 11,720
Iceland	Krona	.06127	29	1,016				
India	Rupee	.20870	7,066	247,297	[2]	[2]	[2]	[2]
Indonesia	Florin or rupiah	.26247	5,960	208,590	80	8,660	47,612	56,352
Iran [6]	Rial	.03077	3,980	139,288	8	915	5,504	6,427
Iraq	Dinar	2.78474				431	2,485	2,916
Ireland	Pound	2.79875	500	17,489			7,589	7,589
Italy	Lira	.00160	7,372	258,008	[2]	[2]	[2]	[2]
Japan [7]	Yen	.00277	3,743	131,003	[8] 55,243			55,243
Lebanon	Pound	.45249	917	32,099			321	321
Liberia	Dollar	1.00000	[9]	2			[3] 625	[3] 625
Luxembourg	Franc	.02000	66	2,319		106	234	340
Malaya	Dollar	.32666			177	84	7,598	7,859
Mexico	Peso	.11572	5,932	207,636	33,875	4,482	25,609	63,966
Netherlands	Guilder or florin	.26240	9,372	328,007	12,078	15,520	24,201	51,799
Netherlands Antilles	do	.53026	559	19,580		172	358	530
Netherlands Guiana (Surinam)	do	.53026	124	4,345	1		452	453
New Zealand	Pound	2.77220	837	29,292		146	7,358	7,504
Nicaragua	Cordoba	.20000	79	2,757		27	76	103
Norway	Krone	.14015	1,469	51,410				
Pakistan	Rupee	.30120	776	27,175				
Paraguay	Guarani	.32051	6	194				
Peru	Sol	.06689	887	31,041		1		1
Philippines	Peso	.49625	97	3,405	132	12,103	38,346	50,581
Portugal	Escudo	.03484	5,496	192,346	1,269	810	9,548	11,627
Portuguese East Africa (Mozambique)	do	.03397	421	14,731		[2]	1,971	1,971
Southern Rhodesia	Pound	2.79990				[2]	[10] 1,881	[10] 1,881
Spain	Peseta	.09132	1,745	61,068	5,302	17,064		22,366
Sweden	Krona	.19327	2,572	90,004		2,493	40,348	42,841
Switzerland	Franc	.23201	42,005	1,470,173	1,017	6,728	62,411	70,156
Thailand (Siam)	Baht	.07968	3,380	118,297		100	1,100	1,200
Turkey	Lira or pound	.35398	4,280	149,786	3,898	4,168	9,637	17,703
Union of South Africa	Pound	2.78380	5,637	197,278	377	724	25,889	26,990
Uruguay	Peso	.65833	6,733	235,658		7,170	4,792	11,962
Venezuela	Bolivar	.29851	[11] 10,997	[11] 384,904		8,225	34,983	43,208
Other countries [12]			101,806	3,563,198				
Bank for International Settlements			4,758	166,519				
International Monetary Fund			42,699	1,494,466				
Total [13]			1,013,033	35,455,972	2,266,924	504,478	1,791,747	4,563,149

[1] Beginning of year.
[2] Data not available.
[3] Includes United States silver coins which also circulate.
[4] Includes silver and minor metal coins.
[5] Holdings of Bank of France. Holdings of French Exchange Stabilization Fund not available.
[6] March 21, 1950.
[7] June 30, 1951.
[8] Includes bullion and coins.
[9] Less than 1,000 ounces.
[10] Coins of Southern Rhodesia also circulate in Northern Rhodesia and Nyasaland where British coins also circulate.
[11] Includes gold holdings of the central bank and commercial banks.
[12] Includes estimated gold holdings of the governments of Afghanistan, Argentina, Bulgaria, Colombia, Czechoslovakia, Formosa, Greece, Hungary, Indochina, Republic of Panama, Poland, Syria, and the United Kingdom; the Tangier International Zone, and gold not yet delivered by the Tripartite Commission for Restitution of Monetary Gold.
[13] No estimates included for countries not specified.

Coinage mints of the world in operation during 1950

[So far as reported to the Director of the United States Mint]

Country [1]	Name of mint	Location
United States	Office of Director of the Mint	Treasury Department, Washington 25, D.C.
Do	Philadelphia Mint	16th and Spring Garden Sts., Philadelphia, Pennsylvania.
Do	Denver Mint	Colfax and Delaware Sts., Denver, Colorado.
Do	San Francisco Mint	Buchanan St. and Duboce Ave., San Francisco, California.
Argentina	Casa de Moneda	Buenos Aires.
Australia	Royal Mint, Melbourne Branch	Melbourne, C. 1, Victoria.
Do	Royal Mint, Perth Branch	Perth, Western Australia.
Austria	Osterreichisches Hauptmünzamt	Vienna III, Am Heumarkt 1.
Belgium	Administration des Monnaies	Bruxelles.
Bolivia	Casa Nacional Moneda de Potosi	Potosi.
Brazil	Casa Da Moeda	Redacao E Administracao, Praca Da Republica, 173, Rio De Janeiro.
Canada	Royal Canadian Mint	Ottawa, Ontario.
Chile	Casa de Moneda y Especies Valoradas	Santiago.
Colombia	Casa de Moneda	Bogota.
Do	do	Medellin.
Czechoslovakia	State Mint	Kremnica, Slovakia.
Denmark	Den Kongeuge Mint	Copenhagen.
Finland	Rahapaja Myntverket	Helsinki.
France	Commission de Controle de la Circulation Monetaire:	
Do	Monnaie de Paris	Paris.
Do	Monnaie de Beaumont-le-Roger	Suburb of Paris.
Germany	Bayerisches Hauptmünzamt	München.
Do	Württembergisches Münzamt	Stuttgart.
Do	Badische Münzverwaltung	Karlsruhe.
Do	Hamburgische Münze	Hamburg-Altona.
Guatemala	Casa Nacional de Moneda	Bank of Guatemala, Guatemala City.
Hungary	Hungarian State Mint	Budapest.
India	Indian Government Mint	Bombay.
Do	do	47 Strand Rd., Calcutta.
Do	do	Alipore, Calcutta (under construction).
Do	Hyderabad Mint	Hyderabad (Deccan). (Under jurisdiction of Government of India from April 1, 1950).
Iran	Tehran Mint	Tehran.
Italy	Le Zecche Italiane	Via Principe Umberto, 4, Rome.
Japan	The Mint Agency, Main Office	1 Shinkawasaki-cho, Kita-Ku, Osaka.
Do	Tokyo Mint	1-chome, Nishisugamo, Toshima-ku, Tokyo.
Do	Hiroshima Mint	Itsukaichi-machi, Saheki-gun, Hiroshima.
Do	Kumamoto Branch	1-chome, Shin-minami, Sendan-bata-cho, Kumamoto City, Kumamoto Prefecture. (Refining operations, etc.)
Mexico	Casa de Moneda	Calle del Apartado No. 13, Mexico, D. F.
Netherlands	's Rijks Munt	Utrecht.
Norway	Den kongelige norse mynt	Kongsberg.
Pakistan	Pakistan Mint	Baghban Pura, Lahore.
Peru	Casa Nacional de Moneda	Lima. (Operated by Banco Central de Reserva del Peru).
Portugal	Casa da Moeda	Avenida Dr. Antonio Jose de Almeida, Lisbon.
Rumania	Monetaria si Fabrica de Timbre	Strada Fabrica de Chibrituri, 30, Bucharest.
Spain	Fabrica Nacional de Moneda y Timbre.	Madrid.
Sweden	Kungl. Mynt-och justeringsverket	Stockholm.
Switzerland	Swiss Federal Mint	Bernastrasse 28, Bern.
Thailand (Siam)	Royal Mint	No. 4 Chao Fah Road, Bangkok.
Turkey	Darphane ve Damga Matbassi Müdüllugu (Directorate of Mint and Printing House).	Istanbul.
Union of South Africa.	South African Mint	103 Visagie St., Pretoria.
Union of Soviet Socialist Republics.	Information not available	
United Kingdom	Royal Mint	
Do	Messrs. The Mint, Birmingham, Ltd.	London, E. C. 3, England. Birmingham 18, England. (Private mint).
Do	Messrs. Imperial Chemical Industries Ltd., Rynoch Works.	Witton, Birmingham 6, England. (Private mint).

[1] Countries not shown use minting facilities of a number of countries listed in the table.

Coinage of nations during the year ended Dec. 31, 1950

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Dollars	
United States	Half dollars	16,361,208	8,180,604.00	900 silver, 100 copper.
	Quarter dollars	56,331,116	14,082,779.00	Do.
	Dimes	117,424,500	11,742,450.00	Do.
	5 cents	12,477,416	623,870.80	75 copper, 25 nickel.
	1 cent	726,141,386	7,261,413.86	95 copper, 5 zinc and tin.
Total		928,735,626	41,891,117.66	
			Francs	
Algeria	100 francs	10,083,200	1,008,320,000.00	75 copper, 25 nickel.
	50 francs	16,670,500	833,525,000.00	Do.
	20 francs	7,268,800	145,376,000.00	Do.
Total		34,022,500	1,987,221,000.00	
			Schillings	
Austria	2 schilling	1,090,000	2,180,000.00	98.5 aluminum, 1.5 magnesium.
	1 schilling	1,173,000	1,173,000.00	Do.
	50 groschen	815,000	407,500.00	Do.
	20 groschen	450,000	90,000.00	91.5 copper, 8.5 aluminum.
	10 groschen	9,874,000	987,400.00	Zinc.
	5 groschen	21,775,000	1,088,750.00	Do.
	2 groschen	17,550,000	351,000.00	98.5 aluminum, 1.5 magnesium.
	1 groschen	4,172,000	41,720.00	Zinc.
Total		56,899,000	6,319,370.00	
	4 ducats	17,977	Trade coin	Gold 986 1/9 fine.
	1 ducat	65,664	do	Do.
			Francs	
Belgium	100 francs	2,807,000	280,700,000.00	835 silver, 165 copper.
	50 francs	5,570,000	278,500,000.00	Do.
	20 francs	11,690,000	233,800,000.00	Do.
	5 francs	62,176,000	310,880,000.00	75 copper, 25 nickel.
	1 franc	19,000,000	19,000,000.00	Do.
Total		101,243,000	1,122,880,000.00	
			Bolivianos	
Bolivia	50 centavos	1,297,620	648,810.00	95 copper, 5 zinc.
			Cruzeiros	
Brazil	2 cruzeiros	7,754,000	15,508,000.00	90 copper, 8 aluminum, 2 zinc.
	1 cruzeiro	5,163,000	5,163,000.00	Do.
	50 centavos	7,804,000	3,902,000.00	88 copper, 12 nickel.
	20 centavos	15,145,000	3,029,000.00	Do.
	10 centavos	16,329,999	1,632,999.90	Do.
Total		52,195,999	29,234,999.90	
			Shillings	
British East Africa	1 shilling	47,412,906	47,412,906.00	75 copper, 25 nickel.
	10 cents	4,000,000	400,000.00	95.5 copper, 3 tin, 1.5 zinc.
	5 cents	4,000,000	200,000.00	Do.
	1 cent	13,800,000	138,000.00	Do.
Total		69,212,906	48,150,906.00	
			B. H. dollars	
British Honduras	5 cents	75,000	3,750.00	79 copper, 20 zinc, 1 nickel.
	1 cent	50,000	500.00	95.5 copper, 3 tin, 1.5 zinc.
Total		125,000	4,250.00	
			Rupees	
Burma	½ rupee	3,871,941	1,935,970–8–0	Nickel.
	¼ rupee	1,523,544	380,886–0–0	Do.
	2 annas	4,900,000	612,500–0–0	75 copper, 25 nickel.
	1 anna	1,850,000	115,625–0–0	Do.
	½ anna	7,000,000	218,750–0–0	Do.
Total		19,145,485	3,263,731–8–0	

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Dollars	
Canada	1 dollar	301,720	301,720.00	800 silver, 200 copper.
	50 cents	2,384,179	1,192,089.50	Do.
	25 cents	9,673,335	2,418,333.75	Do.
	10 cents	17,823,595	1,782,359.50	Do.
	5 cents	12,669,706	633,485.30	Pure nickel.
	1 cent	60,444,992	604,449.92	98 copper, 1.5 zinc, 0.5 tin.
Total		103,297,527	6,932,437.97	
			Pesos	
Chile	1 peso	7,250,000	7,250,000.00	95.5 copper, 3.0 tin, 1.5 zinc.
	20 centavos	15,200,000	3,040,000.00	Do.
Total		22,450,000	10,290,000.00	
			Kroner	
Denmark	25 øre	16,696,475	4,174,118.75	75 copper, 25 nickel.
	10 øre	7,733,169	773,316.90	Do.
	5 øre	504,015	25,200.75	Zinc.
	2 øre	4,289,953	85,799.06	Do.
	1 øre	9,340,407	93,404.07	Do.
Total		38,564,019	5,151,839.53	
			Pounds	
Egypt	1 millieme	5,000,000	5,000.000	95.5 copper, 3 tin, 1.5 zinc.
			Colones	
El Salvador	5 centavos	2,000,000	100,000.00	70 copper, 18 zinc, 12 nickel.
			Pounds	
Fiji	Threepence	400,000	5,000–0–0	79 copper, 20 zinc, 1 nickel.
	Penny	57,600	240–0–0	75 copper, 25 nickel.
	Halfpenny	115,200	240–0–0	Do.
Total		572,800	5,480–0–0	
			Markkaa	
Finland	5 markkaa	4,762,000	23,810,000.00	90 copper, 7 zinc, 3 aluminum.
	1 markka	14,974,000	14,974,000.00	Do.
Total		19,736,000	38,784,000.00	
			Francs	
France	20 francs	169,790,000	3,395,800,000.00	91 bronze, 9 aluminum.
	10 francs	18,341,500	183,415,000.00	Do.
	10 francs	175,500	1,755,000.00	75 copper, 25 nickel.
	5 francs	157,323,600	786,618,000.00	Aluminum.
	2 francs	30,363,500	60,727,000.00	Do.
	1 franc	46,584,000	46,584,000.00	Do.
Total		422,578,100	4,474,899,000.00	
			Francs	
French Occidental (West) Africa.	2 francs	7,349,000	14,698,000.00	Aluminum.
	1 franc	12,608,000	12,608,000.00	Do.
Total		19,957,000	27,306,000.00	
			Francs	
French Morocco	5 francs	11,480,800	57,404,000.00	Do.
	2 francs	6,272,000	12,544,000.00	Do.
	1 franc	21,772,000	21,772,000.00	Do.
Total		39,524,800	91,720,000.00	

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Deutsche mark	
Germany	1 Deutsche mark	73, 770, 920	73, 770, 920. 00	75 copper, 25 nickel.
	50 pfennig	126, 951, 557	63, 475, 778. 50	Do.
	10 pfennig	279, 079, 357	27, 907, 935. 70	Iron kernel with tombak plating.
	5 pfennig	241, 174, 466	12, 058, 723. 30	Do.
	2 pfennig	62, 362, 740	1, 247, 254. 80	95 copper, 4 tin, 1 zinc.
	1 pfennig	152, 166, 430	1, 521, 664. 30	Iron kernel with copper plating.
Total		935, 505, 470	179, 982, 276. 60	
			Quetzales	
Guatemala	25 centavos	79, 491	19, 872. 75	720 silver, 280 copper.
	10 centavos	550, 341	55, 034. 10	Do.
	5 centavos	453, 422	22, 671. 10	Do.
	1 centavo	3, 663, 427	36, 634. 27	70 copper, 30 zinc.
Total		4, 746, 681	134, 212. 22	
			H. K. dollars	
Hong Kong	10 cents	40, 000, 000	4, 000, 000. 00	79 copper, 20 zinc, 1 nickel.
	5 cents	20, 400, 000	1, 020. 000. 00	Do.
Total		60, 400, 000	5, 020, 000. 00	
			Rupees	
India	*National coinage*			
	1 rupee	31, 906, 000	31, 906, 000–0–0	Pure nickel.
	½ rupee	13, 452, 000	6, 726, 000–0–0	Do.
	¼ rupee	15, 456, 000	3, 864, 000–0–0	Do.
	2 annas	7, 392, 000	924, 000–0–0	75 copper, 25 nickel.
	1 anna	8, 256, 000	516, 000–0–0	Do.
	½ anna	19, 104, 000	597, 000–0–0	Do.
	Single pice	46, 080, 000	720, 000–0–0	97 copper, 2.5 zinc, 0.5 tin.
Total		141, 646, 000	45, 253, 000–0–0	
	Hyderabad State coinage		*Hyderabad rupees*	
	2 pies	2, 601, 000	27, 100–0–0	95 copper, 4 tin, 1 zinc.
			Rials	
Iran (year ending Mar. 21, 1950).	1 pahlavi	4, 000	1, 062, 920. 85	900 gold, 100 silver or copper.
	5 rials	282, 000	1, 410, 000. 00	600 silver, 400 copper.
	2 rials	1, 197, 500	2, 395, 000. 00	Do.
	1 rial	1, 565, 000	1, 565, 000. 00	Do.
Total		3, 048, 500	6, 432, 920. 85	
			Dinars	
Iraq	1 fil	2, 000, 000	2, 000. 00	95.5 copper, 3 tin, 1.5 zinc.
			Pounds	
Ireland	Sixpence	800, 000	20, 000–0–0	75 copper, 25 nickel.
	Threepence	1, 600, 000	20, 000–0–0	Do.
	Penny	2, 400, 000	10, 000–0–0	95.5 copper, 3 tin, 1.5 zinc.
Total		4, 800, 000	50, 000–0–0	
			Pounds	
Jamaica	Penny	360, 000	1, 500–0–0	79 copper, 20 zinc, 1 nickel.
	Halfpenny	1, 440, 000	3, 000–0–0	Do.
	Farthing	288, 000	300–0–0	Do.
Total		2, 088, 000	4, 800–0–0	
			Yen	
Japan	10 yen	432, 970, 000	4, 329, 700, 000. 00	55 to 60 copper, 16 to 18 nickel, remainder zinc.
	5 yen	182, 032, 000	910, 160. 000. 00	60 to 70 copper, 40 to 30 zinc.
	1 yen	127, 895, 000	127, 895, 000. 00	Do.
Total		742, 897, 000	5, 367, 755, 000. 00	
			Pounds	
Jersey	Penny	240, 000	1, 000–0–0	95.5 copper, 3 tin, 1.5 zinc.

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Dinars	
Jordan	100 fils	1,080,336	108,033.60	75 copper, 25 nickel.
	50 fils	1,100,000	55,000.00	Do.
	20 fils	1,490,405	29,808.10	Do.
	10 fils	500,000	5,000.00	95.5 copper, 3 tin, 1.5 zinc.
	5 fils	1,080,000	5,400.00	Do.
	1 fil	350,000	350.00	Do.
Total		5,600,741	203,591.70	
			Francs	
Madagascar	2 francs	9,827,500	19,655,000.00	Aluminum.
			M. dollars	
Malaya (Federation).	20 cents	9,848,720	1,969,744.00	75 copper, 25 nickel.
	10 cents	5,936,777	593,677.70	Do.
Total		15,785,497	2,563,421.70	
			Rupees	
Mauritius	1 rupee	1,500,000	1,500,000.00	75 copper, 25 nickel.
	½ rupee	1,000,000	500,000.00	Do.
	¼ rupee	2,000,000	500,000.00	Do.
Total		4,500,000	2,500,000.00	
			Pesos	
Mexico	1 peso	3,287,000	3,287,000.00	300 silver, 500 copper, 100 nickel, 100 zinc.
	50 centavos	13,570,000	6,785,000.00	Do.
	25 centavos	77,060,000	19,265,000.00	Do.
	5 centavos	5,700,000	285,000.00	75 copper, 25 nickel.
	1 centavo	12,815,000	128,150.00	85 copper, 15 zinc.
Total		112,432,000	29,750,150.00	
			Francs	
Monaco	100 francs	500,000	50,000,000.00	75 copper, 25 nickel.
	50 francs	500,000	25,000,000.00	91 bronze, 9 aluminum.
	20 francs	500,000	10,000,000.00	Do.
	10 francs	500,000	5,000,000.00	Do.
Total		2,000,000	90,000,000.00	
			Maria Theresa dollars	
Muscat	5 baiza	2,000,000	50,000.00	75 copper, 25 nickel.
			Florin	
Netherlands	25 cents	43,000,000	10,750,000.00	Pure nickel.
	10 cents	56,600,000	5,660,000.00	Do.
	5 cents	20,000,000	1,000,000.00	95 copper, 4 tin, 1 zinc.
	1 cent	91,000,000	910,000.00	Do.
Total		210,600,000	18,320,000.00	
			Pounds	
New Zealand	Half-crown	3,600,000	450,000–0–0	75 copper, 25 nickel.
	Florin	3,500,000	350,000–0–0	Do.
	Shilling	600,000	30,000–0–0	Do.
	Sixpence	800,000	20,000–0–0	Do.
	Threepence	800,000	10,000–0–0	Do.
	Penny	5,784,000	24,100–0–0	95.5 copper, 3 tin, 1.5 zinc.
	Halfpenny	1,425,600	2,970–0–0	Do.
Total		16,509,600	887,070–0–0	

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Cordobas	
Nicaragua	50 centavos	250,000	125,000.00	75 copper, 25 nickel.
	25 centavos	500,000	125,000.00	Do.
	10 centavos	1,000,000	100,000.00	Do.
Total		1,750,000	350,000.00	
			Rupees	
Pakistan	1 rupee	1,100,000	1,100,000-0-0	Pure nickel.
	½ rupee	4,500,000	2,250,000-0-0	Do.
	¼ rupee	19,400,000	4,850,000-0-0	Do.
	2 annas	21,188,000	2,648,500-0-0	75 copper, 25 nickel.
	1 anna	94,828,000	5,926,750-0-0	Do.
	½ anna	11,777,285	368,040-2-2	Do.
	Single pice	11,183,904	174,748-8-0	97 copper, 2.5 zinc, 0.5 tin.
Total		163,977,189	17,318,038-10-2	
			Soles	
Peru [1]	100 soles	1,176	117,600.00	900 gold, 100 copper.
	50 soles	927	46,350.00	Do.
	20 soles	1,800	36,000.00	Do.
	1 sol	1,249,416	1,249,416.00	70 copper, 30 zinc.
	½ sol	90,645	45,322.50	Do.
	20 centavos	2,426,457	485,291.40	Do.
	10 centavos	5,298,368	529,836.80	Do.
	5 centavos	7,933,125	396,656.25	Do.
	2 centavos	1,702,030	34,040.60	95 copper, 5 zinc.
	1 centavo	3,196,344	31,963.44	Do.
Total		21,900,288	2,972,476.99	
			Escudos	
Portugal	20 centavos	1,490,000	298,000.00	95 copper, 3 zinc, 2 tin.
	10 centavos	8,860,000	886,000.00	Do.
Total		10,350,000	1,184,000.00	
			Escudos	
Portuguese East Africa (Mozambique)	2½ escudos	4,400,000	11,000,000.00	650 silver, 350 copper.
	1 escudo	4,000,000	4,000,000.00	61 copper, 20 zinc, 19 nickel.
	50 centavos	4,000,000	2,000,000.00	Do.
	20 centavos	12,500,000	2,500,000.00	95 copper, 3 zinc, 2 tin.
Total		24,900,000	19,500,000.00	
			Escudos	
Portuguese West Africa (Angola)	50 centavos	4,484,000	2,242,000.00	61 copper, 20 zinc, 19 nickel.
			Francs	
Reunion	1 franc	715,000	715,000.00	Aluminum.
			Pounds	
Southern Rhodesia	Half-crown	1,200,000	150,000-0-0	75 copper, 25 nickel.
	Florin	1,000,000	100,000-0-0	Do.
	Shilling	2,000,000	100,000-0-0	Do.
	Sixpence	2,000,000	50,000-0-0	Do.
	Penny	720,000	3,000-0-0	95.5 copper, 3 tin, 1.5 zinc.
Total		6,920,000	403,000-0-0	
			Pesetas	
Spain	5 pesetas	21,000,000	105,000,000.00	Pure nickel.
	1 peseta	4,000,000	4,000,000.00	90 copper, 10 aluminum.
	50 centimes	200,000	100,000.00	75 copper, 25 nickel.
Total		25,200,000	109,100,000.00	

See footnotes at end of table.

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
			Kronor	
Sweden	2 kronor	1,086,870	2,173,740.00	400 silver, 500 copper, 50 nickel, 50 zinc.
	1 krona	3,837,906	3,837,906.00	Do.
	50 öre	1,609,170	804,585.00	Do.
	25 öre	3,413,600	853,400.00	Do.
	10 öre	11,310,080	1,131,008.00	Do.
	5 öre	1,925,900	96,295.00	95 copper, 4 tin, 1 zinc.
	5 öre	5,485,100	274,255.00	Iron.
	2 öre	10,576,000	211,520.00	Do.
	1 öre	14,431,500	144,315.00	Do.
Total		53,676,126	9,527,024.00	
			Francs	
Switzerland	5 francs	480,000	2,400,000.00	835 silver, 165 copper.
	50 centimes	7,148,000	3,574,000.00	Do.
	20 centimes	5,970,000	1,194,000.00	75 copper, 25 nickel.
	10 centimes	3,200,000	320,000.00	Do.
	5 centimes	920,000	46,000.00	Do.
	1 centime	4,510,000	45,100.00	95 copper, 4 tin, 1 zinc.
Total		22,228,000	7,579,100.00	
			S. pounds	
Syria	1 pound	7,000,000	7,000,000.00	680 silver, 320 copper.
			Baht	
Thailand	25 satang	7,616,000	1,904,000.00	90 tin, 10 copper.
	10 satang	15,000,000	1,500,000.00	Do.
	5 satang	10,000,000	500,000.00	Do.
Total		32,616,000	3,904,000.00	
			Francs	
Tunisia	20 francs	1,844,000	36,880,000.00	75 copper, 25 nickel.
	Pieces of gold	33		Pieces do not indicate value. Fineness not available.
	Pieces of silver	53		
	Pieces of silver	1,103		
			Pounds	
Turkey	25 kurus	400,000	100,000.00	70 copper, 30 zinc.
	10 kurus	400,000	40,000.00	Do.
	5 kurus	45,900,000	2,295,000.00	Do.
	2½ kurus	11,560,000	289,000.00	Do.
	1 kuru	32,850,000	328,500.00	Do.
Total		91,110,000	3,052,500.00	
			Pounds	
Union of South Africa	Crown	84,454	21,113–10–0	800 silver, 200 copper.
	Half-crown	5,576	697–0–0	Do.
	Florin	5,445	544–10–0	Do.
	Shilling	1,704,156	85,207–16–0	Do.
	Sixpence	2,122,187	53,054–13–6	Do.
	Threepence	4,096,210	51,202–12–6	Do.
	Penny	4,890,026	20,375–2–2	95 copper, 4.5 zinc, 0.5 tin.
	Halfpenny	2,186,158	4,554–9–11	Do.
	Farthing	8,694,343	9,056–12–1¾	Do.
Total		23,788,555	245,806–6–2¾	
	Imperial coins		*Pounds*	
United Kingdom	Half-crown	28,335,500	3,541,937–10–0	75 copper, 25 nickel.
	Florin	24,357,490	2,435,749–0–0	Do.
	Shilling	33,543,473	1,677,173–13–0	Do.
	Sixpence	32,741,955	818,548–17–6	Do.
	Threepence	1,600,000	20,000–0–0	79 copper, 20 zinc, 1 nickel.
	Penny	240,000	1,000–0–0	95.5 copper, 3 tin, 1.5 zinc.
	Halfpenny	24,153,600	50,320–0–0	Do.
	Farthing	10,324,800	10,755–0–0	Do.

Coinage of nations during the year ended Dec. 31, 1950—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation"]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
	Maundy Money [2]		*Pounds*	
United Kingdom—Continued	Fourpence	1,515	25–5–0	925 silver, 75 copper.
	Threepence	1,405	17–11–3	Do.
	Twopence	1,405	11–14–2	Do.
	Penny	1,527	6–7–0	Do.
Total		155,302,670	8,555,544–17–11	
			Pesos	
Uruguay	5 centesimos	1,300,000	65,000.00	95.5 copper, 3 tin, 1.5 zinc.
	2 centesimos	4,750,000	95,000.00	Do.
Total		6,050,000	160,000.00	
			Vatican lire	
Vatican City	100 Vatican lire [2]	14,000	1,400,000.00	Gold, 900 fineness.
	10 Vatican lire	60,000	600,000.00	Aluminum, magnesium, manganese.
	5 Vatican lire	50,000	250,000.00	Do.
	2 Vatican lire	50,000	100,000.00	Do.
	1 Vatican lira	50,000	50,000.00	Do.
Total		224,000	2,400,000.00	

[1] Gold coins of Peru are minted for private account. The sol and half-sol denominations are issued by the Central Reserve Bank; all other denominations are issued by the State.
[2] Not minted for circulation.

Coinage of Australia during the year ended Dec. 31, 1949

[See previous year's Report for coinage of other countries in 1949]

Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
		Pounds	
Shilling	248,000	12,400–0–0	500 silver, 400 copper, 50 nickel, 50 zinc.
Sixpence	6,240,000	156,000–0–0	Do.
Threepence	25,712,000	321,400–0–0	Do.
Penny	27,316,800	113,820–0–0	95.5 copper, 3 tin, 1.5 zinc.
Halfpence	22,310,400	46,480–0–0	Do.
Total	81,827,200	650,100–0–0	

Silver coins withdrawn from active circulation in various countries of the world during the year ended Dec. 31, 1950

[So far as reported to the Director of the United States Mint]

Country	Nominal value	Approximate number of fine ounces of silver contained
United States	2,706,927 United States dollars	1,848,393
Australia	(1)	(1)
British East Africa	22,302,091 shillings	1,393,800
British West Africa	587 British West African pounds	2,000
Canada	42,792 Canadian dollars	25,675
Cuba [2]	18,096,005 Cuban pesos	13,996,100
Ethiopia [3]	400,000 Ethiopian dollars	180,834
Fiji	12,806 Fiji pounds	23,200
Jamaica	165 pounds sterling	(4)
Japan	18,102,595 Japanese yen	6,890,133
Malaya	969,205 Malayan dollars	835,415
Mexico	23,634,958 Mexican pesos	8,794,034
Netherlands	18,692,580 Netherlands florin	5,498,478
New Zealand	560,000 New Zealand pounds	65,900
Pakistan [5]	14,410,319 Pakistan rupees	4,953,545
Southern Rhodesia	55,837 Southern Rhodesia pounds	228,700
Sweden	23,959 Swedish krona	3,944
Switzerland	209,100 Swiss francs	35,205
Turkey	1,374,406 Turkish pounds	440,100
Union of South Africa	864 South African pounds	2,339
United Kingdom	11,566,175 pounds sterling	20,792,003
Total reported		66,009,798

[1] Data for 1950 not available. For 1949, received after last year's publication, there were withdrawn Australian silver coins with a face value of 762,423 pounds and an estimated silver content of 2,564,000 fine ounces.
[2] Represents sales of demonetized silver peso coins by the Cuban Government.
[3] Data for 1949, received after last year's publication, included 2,530,804 Maria Theresa dollar coins withdrawn with a silver content of 1,858,105 fine ounces.
[4] Data not available.
[5] Coins of India.

Gold and silver in the form of old plate, jewelry, and other old material returned from use in the industrial arts by being deposited with the monetary authority in various countries of the world during 1949 and 1950

[So far as reported to the Director of the United States Mint]

Country	1949		1950	
	Gold	Silver	Gold	Silver
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States	149,367	276,460	180,565	333,739
Australia	6,777	91,623	(1)	(1)
Canada	16,412	2,651	20,108	3,472
Colombia	27		(1)	(1)
Italy	12		(1)	(1)
Mexico		8,958		
Union of South Africa	32		160	17,435
Total reported	172,627	379,692	200,833	354,646

[1] Data not available.

Estimated quantity of gold and silver issued for use or used in the industriol arts in various countries of the world during 1949 and 1950

[So far as reported to the Director of the United States Mint]

Country	1949		1950	
	Gold	Silver	Gold	Silver
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States	3,109,785	88,000,000	2,795,593	110,000,000
Algeria	30,209	386,934	(1)	(1)
Australia	71,232	1,092,550	(1)	(1)
Austria	18,786	199,383	18,027	126,365
Belgium	22,506	1,929,045	24,000	1,900,000
Brazil	96,500	[2] 646,873	112,528	[2] 986,063
British East Africa	[3] 3,255	(1)	(1)	(1)
British Guiana	4,445		2,000	
Canada	175,000	6,500,000	150,000	5,200,000
Ceylon	(1)	(1)	48,000	140,000
Colombia	59,400	200,000	(1)	(1)
Cuba [4]	41,903	23,767	24,491	46,429
Ecuador	45	9,100	45	9,100
El Salvador	7,827	943	8,500	1,000
Finland	(1)	(1)	11,044	320,119
France	225,000 to 257,000	6,430,000 to 8,037,000	208,980	1,286,030
Germany	15,242	6,012,619	13,024	7,645,318
Guatemala	700	20,000	800	20,000
Honduras	1,250	12,000	1,500	20,000
Hong Kong	530,004	73,443	(1)	(1)
Italy	225,055	1,607,537	(1)	(1)
Japan [5]	43,781	1,607,409	1,381	2,583
Lebanon	64,301	(1)	19,290	(1)
Liberia	(1)	(1)	1,200	600
Luxembourg	[6] 415		[6] 172	
Madagascar	[7] 10		[8] 46	
Mexico	17,749	1,213,665	2,681	2,360,112
Netherlands Antilles	(1)	(1)	255	(1)
Netherlands Guiana (Surinam)	463	711	2,347	507
New Zealand	10,614	(1)	7,301	(1)
Nicaragua	2,800	1,023	790	285
Norway	5,800		(1)	(1)
Panama (Republic of) [4]	8,208	2	(1)	(1)
Paraguay	1,286	8,038	1,608	12,860
Peru	38,581	1,620,365	38,581	766,827
Portugal	135,717	1,008,367	142,998	1,264,195
Southern Rhodesia	1,000 to 1,500	150 to 200	(1)	(1)
Spain	3,537	517,988	4,662	(1)
Sweden	76,840		73,561	
Syria	(1)	23,352	(1)	(1)
Tunisia	17,727	733,228	(1)	(1)
Turkey	625,428		643,015	
Union of South Africa	21,628	333,587	17,386	383,004
United Kingdom	556,850	11,571,000	538,732	12,360,043
Venezuela	91,442		[8] 87,608	
Total reported	6,362,321 to 6,394,821	131,785,081 to 133,392,131	5,002,146	144,851,440

[1] Data not available.
[2] Production plus imports.
[3] Amount licensed for import.
[4] Amount imported.
[5] Amount allocated by the Government for industrial use.
[6] Amount issued for dental use.
[7] Amount sold to jewelers.
[8] Amount sold to jewelers and dentists.

CHARACTERISTICS OF COINS IN CIRCULATION

See *Coinage of nations* for coins currently issued

UNITED STATES

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 dollar	26.73	900 silver, 100 copper	38.1
½ dollar (50 cents)	12.5	do	30.6
¼ dollar (25 cents)	6.25	do	24.3
⅒ dollar (10 cents)	2.5	do	17.9
5 cents	5	75 copper, 25 nickel	21.2
Do	5	56 copper, 35 silver, 9 manganese	21.2
1 cent	3.110	95 copper, 5 zinc and tin	19.1
Do	3.110	95 copper, 5 zinc	19.1
Do	2.689	Zinc-coated steel	19.1

United States copper-silver-manganese 5-cent piece coined Oct. 1942–Dec. 1945, inclusive.
United States copper-zinc 1-cent piece coined 1944–46, inclusive.
United States zinc-coated steel 1-cent piece coined only during calendar year 1943.

AFGHANISTAN

[Coins in active circulation at end of December 1949]*

25 puls	7	Cupro-nickel	25
Do	3	do	20
20 puls	6	do	26
10 puls	6	do	24
Do	5	do	22
Do	2.5	do	18
5 puls	3	Copper	22
Do	3	do	20
Do	3	do	17
3 puls	2.5	do	16
2 puls	2	do	15

*Latest available data.

ALGERIA

[Coins in active circulation at end of December 1950]

100 francs	12	75 copper, 25 nickel	30
50 francs	8	do	27
20 francs	5.5	do	23

Metropolitan French coins in 1, 2, and 5 franc denominations also circulate in Algeria.

ANGLO-EGYPTIAN SUDAN

[Egyptian coins and British florins and shillings (George V only) circulate in the Sudan]

ARGENTINA

[Coins in active circulation at end of December 1950]

20 centavos	4	92 copper, 8 aluminum	
Do	4	75 copper, 25 nickel	21
10 centavos	3	92 copper, 8 aluminum	21
Do	3	75 copper, 25 nickel	19
5 centavos	2	92 copper, 8 aluminum	19
Do	2	75 copper, 25 nickel	17
2 centavos	3¼	95 copper, 4 tin, 1 zinc	17
1 centavo	2	do	20
			16

New 5, 10, and 20 centavo coins of nickel alloy authorized by Argentina in 1950 to replace existing aluminum-bronze coins.

AUSTRALIA

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
Crown	28.2765	925 silver, 75 copper	38.4
Florin	11.31036	925 silver, 75 copper; and 500 silver, 400 copper, 50 nickel, 50 zinc.	28.7
Shilling	5.6553	do	23.8
Sixpence	2.8276	do	19.4
Threepence	1.4138	do	16.1
Penny	9.4501	95.5 copper, 3.0 tin, 1.5 zinc	30.8
Halfpenny	5.6700	do	25.5

Australian silver coins of 500 fineness first issued July 21, 1947; thicknesses vary slightly from coins of 925 fineness.

Australian coins legal tender in Papua, New Guinea, Norfolk Island, and Nauru.

British silver coins of 500 fineness legal tender in Australia; quantity in circulation negligible.

AUSTRIA

[Coins in active circulation at end of December 1950]

2 schillings	2.8	98.5 aluminum, 1.5 magnesium	28
1 schilling	2	do	25
50 groschen	1.4	do	22
20 groschen	4.5	91.5 copper, 8.5 aluminum	22
10 groschen	3.5	Zinc	21
5 groschen	2.5	do	19
2 groschen	0.9	98.5 aluminum, 1.5 magnesium	18
1 groschen	1.8	Zinc	17
1 reichspfennig	1.8	do	17
4 ducats	13.9636	Gold 986 1/9 fine	----------
1 ducat	3.4909	do	----------

Gold ducats are trade coins issued under law dated Mar. 9, 1870 (State Gazette No. 126).

BAHAMAS

[British Imperial coins circulate in the Bahamas]

BARBADOS

[British Imperial coins circulate in Barbados]

BASUTOLAND

[Coins of Union of South Africa circulate in Basutoland]

BECHUANALAND

[Coins of Union of South Africa and Southern Rhodesia circulate in Bechuanaland]

BELGIAN CONGO

[Coins in active circulation at end of December 1950]

50 francs	17.43	600 silver, 400 copper	35
5 francs	8	66⅔ copper, 33⅓ zinc	27
Do	13	86.3 copper, 7.9 zinc, 3.3 nickel, 1.5 aluminum, 1.0 iron.	33
2 francs (hexagonal)	6	66⅔ copper, 33⅓ zinc	25½
Do	5	do	22
1 franc	2.5	do	19
Do	10	75 copper, 25 nickel	28
50 centimes	6.5	do	24
20 centimes	6	do	25
10 centimes	4	do	22
5 centimes	2.5	do	19

BELGIUM

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
100 francs	18	835 silver, 165 copper	33
50 francs	12	do	30
20 francs	8	do	27
Do	6.4516	900 gold, 100 copper	21
5 francs	14	Pure nickel	31
Do	12	do	31
Do	9	do	25
Do	6	Zinc du commerce	25
Do	6	75 copper, 25 nickel	24
2 francs	2.75	Iron	19
1 franc	4	75 copper, 25 nickel	21
Do	4.5	Pure nickel	21.5
Do	4.25	Zinc du commerce	21.5
½ franc	2.5	Pure nickel	18
25 centimes	6.5	75 copper, 25 nickel	26–4.5
Do	6.5	64 copper, 20 zinc, 16 nickel	26–3.5
Do	6.5	Zinc du commerce	26–3.5
10 centimes	4	75 copper, 25 nickel	22–4
Do	4	Copper, zinc, 15/100 nickel minimum	22–4
Do	4	64 copper, 20 zinc, 16 nickel	22–3
Do	4	Zinc du commerce	22–3
5 centimes	2.5	75 copper, 25 nickel	19–3.5
Do	2.5	Copper, zinc, 15/100 nickel minimum	19–3.5
Do	2.5	64 copper, 20 zinc, 16 nickel	19–2.5
Do	2.5	Zinc du commrce	19–2.5
2 centimes	4	Pure copper	21.5
1 centime	2	do	16.5

Belgian coins with two diameters are round with round hole in center.
Belgian coins circulate in Luxembourg along with distinctive Luxembourg coins.

BERMUDA

[British Imperial coins circulate in Bermuda]

BOLIVIA

[Coins in active circulation at end of December 1950]

50 centavos	5.5	95 copper, 5 zinc	24
20 centavos	3.25	Zinc with impurities	21.2
10 centavos	1.75	do	17.9
Do	5	75 copper, 25 nickel	20
5 centavos	2.5	do	25

Minor number of Bolivian 20, 10, and 5 centavo denominations in circulation.
Law of Nov. 27, 1950, changes name of Bolivian currency from "Boliviano" to "Bolivar," and reduces currency ratio 10 bolivianos to 1 bolivar. Small denominations of currency will be replaced by coins. Coins issued previously will retain paying power for value of their issue.

BORNEO

[Malayan coins in circulation in Borneo since 1945]

BRAZIL

[Coins in active circulation at end of December 1950]

2 cruzeiros	8	90 copper, 8 aluminum, 2 zinc	25
1 cruzeiro	7	do	23
50 centavos	5	do	21
Do	5	88 copper, 12 nickel	21
20 centavos	4	90 copper, 8 aluminum, 2 zinc	19
Do	4	88 copper, 12 nickel	19
10 centavos	3	90 copper, 8 aluminum, 2 zinc	17
Do	3	88 copper, 12 nickel	17

BRITISH EAST AFRICA (INCLUDES KENYA, TANGANYIKA, UGANDA, ZANZIBAR, AND SOMALILAND PROTECTORATE)

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 shilling	7.7759	250 silver, 700 copper, 50 manganese; also, 75 copper, 25 nickel.	27.7
50 cents	3.8879	do	21
10 cents	9.4496	95.5 copper, 3 tin, 1.5 zinc	30.9
5 cents	5.6699	do	25.5
1 cent	1.9440	do	20.3

Silver coins in process of withdrawal in British East Africa.
Bronze 10- and 5-cent denominations minted prior to 1942 were of different proportions of metals, with weights of 175 and 100 grains respectively, same diameters as present coins but slightly thicker.

BRITISH GUIANA

[Coins in active circulation at end of December 1950]

British Guiana fourpence ("bit").	1.88506	500 silver	16

In addition, British coins circulate in British Guiana in the following denominations: Crown, half-crown, florin, shilling, sixpence, threepence, penny, and halfpenny.

BRITISH HONDURAS

[Coins in active circulation at end of December 1950]

50 cents	11.6205	Silver, 0.925 fineness	29.8
25 cents	5.8102	do	23.2
10 cents	2.3241	do	18.0
5 cents	3.6287	79 copper, 20 zinc, 1 nickel	20.3
1 cent	5.6700	95.5 copper, 3 tin, 1.5 zinc	25.5

BRITISH WEST AFRICA (INCLUDES GAMBIA, GOLD COAST, NIGERIA, AND SIERRA LEONE)

[Coins in active circulation at end of December 1950]

Florin	11.31036	79 copper, 20 zinc, 1 nickel	28.5
Shilling	5.65518	do	23.6
Sixpence	3.499	do	19.4
Threepence	5.184	75 copper, 25 nickel	21.5
Penny	9.45	do	30.9
Halfpenny	5.67	do	25.5
Tenthpenny	1.944	do	20.2

Silver coins in process of withdrawal in British West Africa.

BRUNEI

[Malayan coins circulate in Brunei]

BURMA

[Coins in active circulation at end of December 1950]

½ rupee	5.832	Nickel	24.1
¼ rupee	2.916	do	19.1
2 annas	5.832	75 copper, 25 nickel	25.4 / 22.4
1 anna	3.888	do	21.0 / 19.8
½ anna	2.916	do	19.8 / 17.4

Burmese coins of ½ and ¼ rupee denominations are round; 2 anna and 1 anna, square with round corners; and ½ anna, scalloped.
Coins of India also legal tender in Burma in 1950.

CANADA

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 dollar	23.3276	925 silver, 75 copper; and 800 silver, 200 copper	36.0
50 cents	11.6638		19.6
25 cents	5.8319		23.6
10 cents	2.3328		17.8
5 cents	1.1664		15.5
Do	4.5359	Pure nickel	21.2 to 21.3
Do	4.5359	88 copper, 12 zinc (Tombac)	21.2
Do	4.5359	Steel chrome plated	21.2
1 cent	3.2399	98 copper, 1.5 zinc, 0.5 tin	19.1

See also *Newfoundland*.

CEYLON

[Coins in active circulation at end of December 1950]

50 cents	5.508	79 copper, 20 zinc, 1 nickel	24.1
25 cents	2.754	do	18.0
10 cents (scalloped edge)	4.212	do	[a]
5 cents (square with round corners)	3.888	75 copper, 25 nickel	[b]
Do	3.888	79 copper, 20 zinc, 1 nickel	[b]
Do	3.240	do	[b]
2 cents (scalloped edge)	2.592	do	[c]
1 cent	4.725	Copper or 95.5 copper, 3 tin, 1.5 zinc	22.4
Do	2.362	Copper or 97 copper, 2.5 zinc, 0.5 tin	22.4
½ cent	2.362	do	18.0

[a] Across scallops, 22.9 mm. Inside scallops, 21 mm.
[b] Diagonally, 21.5 mm. Across flats, 18.2 mm.
[c] Across scallops, 18.4 mm. Inside scallops, 17 mm.

CHILE

[Coins in active circulation at end of December 1950]

1 peso	7.5	95.5 copper, 3.0 tin, 1.5 zinc	25.0
50 centavos	4	do	20.5
20 centavos	3	do	18.0

[Coins authorized under law No. 9856 of Dec. 27, 1950]

Condor (10 pesos)	6	25 nickel, 75 copper and other metals	23
Medio condor (5 pesos)	5	do	21
1 peso	7.5	95 copper, 5 other metals	25
20 centavos	3	do	18

CHINA

[Coins in active circulation at end of December 1950]

1 dollar	26.697	880 silver, 120 copper	39

Characteristics of other denominations of Chinese coins not available.

COLOMBIA

[Coins in active circulation at end of December 1949]*

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
50 centavos	12.5	900 silver, 100 copper	30
Do	12.5	500 silver, 400 copper, 50 nickel, 50 zinc	30
20 centavos	5	900 silver, 100 copper	23
Do	5	500 silver, 400 copper, 50 nickel, 50 zinc	23
10 centavos	2.5	900 silver, 100 copper	18
Do	2.5	500 silver, 400 copper, 50 nickel, 50 zinc	18
5 centavos	4	75 copper, 25 nickel	21
Do	4	95 copper, 5 nickel	21
2 centavos	3	75 copper, 25 nickel	19
Do	3	95 copper, 5 nickel	19
1 centavo	2	75 copper, 25 nickel	17
Do	2	95 copper, 5 nickel	17

*Latest available data.
Colombian silver coins of 900 fineness in process of withdrawal.

COSTA RICA

[Coins in active circulation at end of December 1950]

2 colones	14	75 copper, 25 nickel	32
1 colon	10	do	29
50 centimos	7	do	26
25 centimos	3.45	do	23
10 centimos	2	95 copper, 4 zinc, 1 tin	18
5 centimos	1	do	15

CUBA

[Coins in active circulation at end of December 1950]

1 peso	26.7295	900 silver, 100 copper	38.1
40 centavos	10	do	29.1
20 centavos	5	do	23.3
10 centavos	2.5	do	17.9
5 centavos	5	70 copper, 30 zinc; and 75 copper, 25 zinc	21.2
2 centavos	3.5	75 copper, 25 zinc	19.3
1 centavo	2.3055	70 copper, 30 zinc	19.0
Do	2.5	75 copper, 25 zinc	19.0

United States coins also circulate in Cuba.

CYPRUS

[Coins in active circulation at end of December 1950]

18 piastres (2 shillings)	11.31036	925 silver, 75 copper	30.0
Do	11.31036	75 copper, 25 nickel	28.5
9 piastres (1 shilling)	5.65518	925 silver, 75 copper	
Do	5.65518	75 copper, 25 nickel	23.6
1 piastre	5.184	Cupro-nickel	23.5
Do	5.184	95.5 copper, 3 tin, 1.5 zinc	23.5
½ piastre	2.592	Cupro-nickel	19.5
Do	2.592	95.5 copper, 3 tin, 1.5 zinc	19.5

Composition of former bronze coins 97 copper, 2.5 zinc, 0.5 tin.

CZECHOSLOVAKIA

[Coins in active circulation at end of December 1949]*

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
100 koruny	14	500 silver, 400 copper, 50 nickel, 50 zinc	31
50 koruny	10	do	28
20 koruny	12	700 silver, 300 copper	34
10 koruny	10	do	30
2 koruny	6	80 copper, 20 nickel	23.5
1 koruna	4.5	do	21
Do	1.3	Aluminum	21
Do	4.5	Zinc	23
50 halers	3	92 copper, 8 zinc	20
20 halers	2	do	18
10 halers	1.6	do	16
Do	1.866	Zinc	17

*Latest available data.

DENMARK

[Coins in active circulation at end of December 1950]

2 kroner	13.0	92 copper, 6 aluminum, 2 nickel	31.5
1 krone	6.5	do	25.5
25 øre	4.5	75 copper, 25 nickel	23
Do	3.6	Zinc	23
10 øre	3.0	75 copper, 25 nickel	18
Do	2.4	Zinc	18
5 øre	7.6	95 copper, 4 tin, 1 zinc	27
Do	2.4	Aluminum	27
Do	6.5	Zinc	27
2 øre	3.8	95 copper, 4 tin, 1 zinc	21
Do	1.2	Aluminum	21
Do	3.2	Zinc	21
1 øre	1.9	95 copper, 4 tin, 1 zinc	16
Do	1.6	Zinc	16

DOMINICA

[British Imperial coins circulate in Dominica]

DOMINICAN REPUBLIC

[Coins in active circulation at end of December 1950]

1 peso	26.73	900 silver, 100 copper	38.1
½ peso	12.5	do	30.6
25 centavos	6.25	do	24.3
10 centavos	2.5	do	17.9
5 centavos	5	75 copper, 25 nickel	21.2
1 centavo	3.11	95 copper, 5 zinc and tin	19.1

ECUADOR

[Coins in active circulation at end of December 1950]

5 sucres	25	720 silver, 280 copper	37.5
2 sucres	10	do	28.8
1 sucre	5	do	23.5
Do	7	Pure nickel	26
20 centavos	4	80 copper, 20 zinc	21
Do	4	75 copper, 25 nickel	21
10 centavos	3	80 copper, 20 zinc	19
Do	3	75 copper, 25 nickel	19
5 centavos	2	80 copper, 20 zinc	17
Do	2	75 copper, 25 nickel	17

Minor number of Ecuadorian silver coins in circulation.

EGYPT

[Coins in active circulation at end of December 1948]*

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
500 piasters	42.5	875 gold, 125 copper	40
100 piasters	8.5	do	23
50 piasters	4.25	do	20
20 piasters	1.7	do	14.5
Do	28	833⅓ silver, 166⅔ copper	40
10 piasters	14	do	33
5 piasters	7	do	26
2 piasters	2.8	do	19
1 piaster	1.4	do	14.5
10 milliemes	5.5	75 copper, 25 nickel	23
Do	6	95 copper, 4 tin, 1 zinc	25
5 milliemes	4	75 copper, 25 nickel	21
2½ milliemes	3	do	20
2 milliemes	2.5	do	18
1 millieme	4.4	95 copper, 4 tin, 1 zinc	23
½ millieme	3½	do	20
¼ millieme	2	do	18

*Latest available data.

EL SALVADOR

[Coins in active circulation at end of December 1950]

25 centavos	7.5	900 silver, 100 copper	29
10 centavos	7	75 copper, 25 nickel	26
5 centavos	5	do	23
Do	5	70 copper, 18 zinc, 12 nickel	23
Do	5	12 percent nickel-silver	23
3 centavos	4	75 copper, 25 nickel	20
1 centavo	2.5	95 copper, 5 zinc	16
Do	2.5	75 copper, 25 nickel	16

United States dimes (1/10 dollar) also circulate as 25-centavo denomination in El Salvador.

ETHIOPIA

[Coins in active circulation at end of December 1950]

50 cents	7.0307	800 silver, 200 copper; and 700 silver, 300 copper	25
25 cents	6.8039	95 copper, 5 zinc; and 95 copper, 5 zinc and tin	26
10 cents	6.0911	do	23
5 cents	4.0175	do	20
1 cent	2.8511	do	17

FALKLAND ISLANDS

[British Imperial coins circulate in the Falkland Islands]

FAROE ISLANDS

[Coins in active circulation at end of December 1950]

25 öre	4.5	75 copper, 25 nickel	23
10 öre	3	do	18
5 öre	7.6	95.5 copper, 3 tin, 1.5 zinc	27
2 öre	3.8	do	21
1 öre	1.9	do	16

Coins of the Faroe Islands are perforated. Diameters of perforations of denominations listed are 4.6, 3.6, 5.4, 4.2, and 3.2 mm., respectively.

FIJI

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
Florin	11.31036	500 silver, 500 copper	28.5
1 shilling	5.65518	do	23.6
Sixpence	2.82759	do	19.4
Threepence (12-sided)	6.15590	79 copper, 20 zinc, 1 nickel	21.1 21.9
Penny	6.47990	75 copper, 25 nickel	26
Halfpenny	3.23995	do	21

FINLAND

[Coins in active circulation at end of December 1950]

20 markkaa	13	92 copper, 6 aluminum, 2 nickel	31
10 markkaa	8	do	27
5 markkaa	4.5	do	23
Do	4.55	72 copper, 28 zinc	23
1 markka	4	75 copper, 25 nickel	21
Do	4	Pure copper, or; 95 copper, 4 tin, 1 zinc	21
Do	3.5	Iron	21
50 penniä	2.55	75 copper, 25 nickel	18.5
Do	2.55	Pure copper, or; 95 copper, 4 tin, 1 zinc	18.5
Do	2.25	Iron	18.5
25 penniä	1.275	75 copper, 25 nickel	16
Do	1.125	Iron	16
10 penniä	5	Pure copper, or; 95 copper, 4 tin, 1 zinc	22
Do	2.55	do	18.5 †3.5
Do	1.125	Iron	16 †3
5 penniä	2.5	Pure copper, or; 95 copper, 4 tin, 1 zinc	18
Do	1.275	do	16 †3

†Perforation.

FRANCE

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

Law no. 50586 of May 27, 1950, authorized the minting of 100 franc denomination silver coin of 720 fineness, characteristics to be determined by the Minister of Finance.

FRENCH CAMEROUN

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

FRENCH EQUATORIAL AFRICA

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

In addition, the cupro-nickel 10 franc piece of metropolitan France circulates in French Equatorial Africa

FRENCH GUADELOUPE

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

FRENCH GUIANA

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

FRENCH MARTINIQUE

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 nickel	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

FRENCH MOROCCO

[Coins in active circulation at end of December 1950]

20 francs	10	75 copper, 25 nickel	30
10 francs	7	do	26
5 francs	12	91 copper, 9 aluminum	31
2 francs	8	do	27
1 franc	4	do	22
½ franc	2	do	18

FRENCH WEST (OCCIDENTAL) AFRICA

[Coins in active circulation at end of December 1950]

20 francs	4	91 copper, 9 aluminum	23.5
10 francs	7	75 copper, 25 aluminum	26
5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

GERMANY (WEST)

[Coins in active circulation at end of December 1950]

1 deutsche mark	5.5	75 copper, 25 nickel	23.5
50 pfennig	3.5	do	20
10 pfennig	4	Iron kernel with tombak plating	21.5
5 pfennig	3	do	18.5
2 pfennig	3.25	95 copper, 4 tin, 1 zinc	19.3
1 pfennig	2	Iron kernel with copper plating	16.5

GIBRALTAR

[British Imperial coins circulate in Gibraltar]

GREENLAND

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
5 kroner	13.25	70 copper, 30 zinc	31
1 krone	7.5	92 copper, 6 aluminum, 2 nickel	28.2
50 ører	3.75	do	22
25 ører	7	75 copper, 25 nickel	23

In addition, 1 øre, 2, 5, and 10 ører coins of Denmark circulate in Greenland.

GRENADA

[British Imperial coins circulate in Grenada]

GUATEMALA

[Coins in active circulation at end of December 1950]

25 centavos	8⅓	720 silver, 280 copper	27
10 centavos	3⅓	do	21
5 centavos	1⅔	do	16
2 centavos	6	70 copper, 30 zinc	25.4
1 centavo	3	do	21
½ centavo	1½	do	16

GUERNSEY

[Coins in active circulation at end of December 1950]

8 doubles	9.7198	95 copper, 4 tin, 1 zinc	31.6
4 doubles	4.8599	do	26.4

British Imperial coins also circulate in Guernsey. See *United Kingdom*.

HAITI

[Coins in active circulation at end of December 1950]

50 centimes	9.88	75 copper, 25 nickel	29
20 centimes	7.55	do	26
10 centimes	4	do	22
5 centimes	2.65	do	20

United States coins also circulate in Haiti.

HONDURAS

[Coins in active circulation at end of December 1950]

1 lempira	12.5	900 silver, 100 copper	31
50 centavos	6.25	do	24
20 centavos	2.5	do	18
10 centavos	7	75 copper, 25 nickel	26
5 centavos	5	do	21
2 centavos	3	do	20
1 centavo	2	95 copper, 5 zinc and tin	15

United States coins also circulate in Honduras.

HONG KONG

[Coins in active circulation at end of December 1950]

10 cents	4.5359	79 copper, 20 zinc, 1 nickel	20.6
5 cents	2.5920	do	16.0

HUNGARY

[Coins in active circulation at end of December 1949]*

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
20 forints (centenary)	28	500 silver, 500 copper	40
10 forints (centenary)	20	do	36
5 forints I	20	835 silver, 165 copper	32
5 forints II, III	12	500 silver, 500 copper	32
2 forints	2.8	Aluminum	28
1 forint	1.5	do	23.7
50 fillér	1.4	do	22.5
20 fillér	4	96 copper, 4 aluminum	21
10 fillér	3	do	19.4
5 fillér	0.6	Aluminum	17.5
2 fillér	3	90 copper, 10 zinc	17

*Latest available data.

ICELAND

[Coins in active circulation at end of December 1950]

2 kronur	9.5	92 copper, 6 aluminum, 2 nickel	28
1 krona	4.75	do	22.5
25 aurar	2.4	75 copper, 25 nickel	17
Do	2	Zinc	17
10 aurar	1.5	75 copper, 25 nickel	15
Do	1.25	Zinc	15
5 aurar	6	95 copper, 4 tin, 1 zinc	24
Do	6	97 copper, 2.5 zinc, 0.5 tin	24
2 aurar	3	95 copper, 4 tin, 1 zinc	19
Do	3	97 copper, 2.5 zinc, 0.5 tin	19
1 eyrir	1.6	95 copper, 4 tin, 1 zinc	15
Do	1.6	97 copper, 2.5 zinc, 0.5 tin	15

INDIA

[Coins in active circulation at end of December 1950]

1 rupee	11.6638	500 silver, 500 copper, zinc, and nickel	30.5
Do	11.6638	Pure nickel	27.9
½ rupee	5.8319	500 silver, 500 copper, zinc, and nickel	24.1
Do	5.8319	Pure nickel	24.1
¼ rupee or 4 annas	2.9160	916⅔ silver, 83⅓ copper	19.1
Do	2.9160	500 silver, 500 copper, zinc, and nickel	19.1
Do	2.9160	Pure nickel	19.1
Do	6.8039	75 copper, 25 nickel	23.5 25.4
⅛ rupee or 2 annas	1.4580	916⅔ silver, 83⅓ copper	15.2
Do	5.8319	75 copper, 25 nickel	22.4 25.4 21
Do (George V)	5.8319	do	25.4 22.4
Do	5.8319	79 copper, 20 zinc, 1 nickel	25.4 21
1 anna	3.8879	75 copper, 25 nickel	19.8 21
Do	3.8879	79 copper, 20 zinc, 1 nickel	19.8 19.8
½ anna	2.9160	75 copper, 25 nickel	17.4 19.8
Do	2.9160	79 copper, 20 zinc, 1 nickel	17.4 25.4
Single pice	6.4799	Copper	25.4
Do	4.8599	97 copper, 2½ zinc, ½ tin	21.3
Do	3.8879	do	21.3
Do	1.9440	do	21.3
½ pice	3.2399	Copper	21.3
Do	2.4300	97 copper, 2½ zinc, ½ tin	17.3
Pie pieces	2.1599	Copper	17.3
Do	1.6200	97 copper, 2½ zinc, ½ tin	17.3

*Coins of India are round with three exceptions: 4 anna coin of cupro-nickel and 1 anna coins, scalloped; 2 anna and ½ anna coins, square with round corners; and single pice of 1.944 grams, round with round hole in center approximately 9.4 millimeters in diameter.

INDOCHINA

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 piastre	18	75 copper, 25 nickel	35
20 cents	2.2	Aluminum	27
Do	7	90 nickel, 10 copper	24
10 cents	1.3	Aluminum	22
Do	3	90 nickel, 10 copper	18
5 cents	0.7	Aluminum	18
1 cent	0.5	do	17

INDONESIA (FORMERLY NETHERLANDS EAST INDIES)

[Coins in active circulation at end of December 1950]

2½ florin	25.00	720 silver, 280 copper	38
1 florin	10.00	do	28
50 cents	5.00	do	22
25 cents	3.18	do	19
10 cents	1.25	do	15
5 cents	5.00	75 copper, 25 nickel	21
2½ cents	4.00	Copper; or 95 copper, 5 tin and zinc; or 95 copper, 5 zinc.	31
1 cent	2.50	do	23
½ cent	1.25	do	17

IRAN

[Coins in active circulation at end of December 1950]

1 pahlavi	8.13598	900 gold, 100 copper	22
½ pahlavi	4.06799	do	19
10 rials	16	600 silver, 400 copper	32
5 rials	8	do	26
2 rials	3.2	do	22
1 rial	1.6	do	18
50 dinars	3.49	Copper	20
Do	3.49	91.5 copper, 8.5 aluminum	20
10 dinars	2.68	do	18
5 dinars	1.65	do	16

IRAQ

[Coins in active circulation at end of December 1949]*

200 fils (riyal)	20	900 silver	34
50 fils (dirham)	9	500 silver	26.5
20 fils	3.6	do	20.5
10 fils	6.75	Pure nickel	25
4 fils	4	do	21
2 fils	5	95.5 copper, 3.0 tin, 1.5 zinc	24
1 fil	2.5	do	19.5

*Latest available data.

IRELAND

[Coins in active circulation at end of December 1950]

Half-crown	14.13795	750 silver, 250 copper	32.4
Florin	11.31036	do	28.6
Shilling	5.65518	do	23.7
Sixpence	4.53593	Pure nickel; and 75 copper, 25 nickel	21
Threepence	3.23995	do	17.7
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9
Halfpenny	5.66990	do	25.5
Farthing	2.83495	do	20.2

ISRAEL

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
250 peruta	14.14	75 copper, 25 nickel	32.3
100 peruta	11.31	do	28.5
50 peruta	5.65	do	23.5
25 peruta	2.83	do	19.5
10 peruta	6.16	95.5 copper, 3 tin, 1.5 zinc	27
5 peruta	3.24	do	20

Palestine coins in process of withdrawal in Israel.

ITALY

[Coins in active circulation at end of December 1946]*

10 lire	3	Aluminum-magnesium-manganese	29
5 lire	2.5	do	26.7
2 lire	1.75	do	24.1
1 lira	1.25	do	21.6

*Latest available data.

JAMAICA

[Coins in active circulation at end of December 1950]

Penny	7.5	79 copper, 20 zinc, 1 nickel	27
Halfpenny	4.5	do	22.5
Farthing	2.75	do	20.3

British coins also circulate in Jamaica. See *United Kingdom*.

JAPAN

[Coins in active circulation at end of December 1950]

5 yen	4	60 to 70 copper, 30 to 40 zinc	22
Do	3.75	do	22
1 yen	3.2	do	5
50 sen	4.5	do	20
Do	2.8	do	23.5
10 sen	1.5	Pure aluminum	19
Do	1.2	do	22
Do	1	do	22
Do	1	do	22
Do	2.4	93 tin, 7 zinc	19
Do	4	95 copper, 5 aluminum	5
Do	2.8	do	22
5 sen	1.95	93 tin, 7 zinc	4.6
Do	2	do	19
Do	1.2	Pure aluminum	4
Do	1	do	17
Do	0.8	do	4
Do	3.75	95 copper, 4 tin, 1 zinc	17
1 sen	3.75	90 copper, 10 zinc	19
Do	0.9	Pure aluminum	19
Do	0.65	do	19
Do	0.55	do	23
Do	1.3	50 tin, 50 zinc	23
			17.5
			16
			16
			15

Japanese coins with 2 diameters are round with round hole in center.

JERSEY

[Coins in active circulation at end of December 1950]

Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9
Halfpenny	5.66990	do	25.5

British Imperial coins also circulate in Jersey.

JORDAN

[Coins minted during 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
100 fils		75 copper, 25 nickel	30
50 fils		do	26
20 fils		do	20
10 fils		95.5 copper, 3 tin, 1.5 zinc	28
5 fils		do	24
1 fil		do	18

Palestine coins in circulation in Jordan. Information not available as to whether Jordan coins were placed in circulation during 1950.

KUWAIT

[Coins of India circulate in Kuwait]

LABUAN

[Malayan coins circulate in Settlement of Labuan]

LEBANON

[Coins in active circulation at end of December 1950]

50 piasters	10	680 silver, 320 copper	28
25 piasters	5	do	24
10 piasters	2	do	17
5 piasters	4.2	91 copper, 9 aluminum	22.5
2½ piasters	2.9	do	21
2 piasters	1.9	do	18

LEEWARD ISLANDS

[British Imperial coins circulate in the Leeward Islands]

LIBERIA

[Coins in active circulation at end of December 1950]

½ dollar	15		29.5
Quarter	16.5		23.5
Dime	2.5		17.5
2 cents	8.4	75 copper, 25 nickel	29
1 cent	5.4	do	25.5
½ cent	2.5	do	18

United States money chief circulating medium in Liberia.

LUXEMBOURG

[Coins in active circulation at end of December 1950]

100 francs	25	835 silver, 165 copper	37
50 francs	12.5	do	31
20 francs	8.5	do	27
5 francs	7	75 copper, 25 nickel	25.5
1 franc	5	Cupro-nickel	23
Do	6.5	do	24
50 centimes	3.5	Pure nickel	20.5
25 centimes	5.5	Cupro-nickel	25
Do	2.5	Bronze	19
10 centimes	4	Copper	23
5 centimes	2.5	do	19

Belgian coins also circulate in Luxembourg.

MADAGASCAR

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
2 francs (Chambre de Commerce).	7.93	91 copper, 9 aluminum; and pure aluminum	26
2 francs (Republique Francaise)	7.98	do	26
1 franc (Chambre de Commerce).	4.03	do	23
1 franc (Republique Francaise)	3.88	do	23–9.5
1 franc (Croix de Lorraine)	5.52	do	25–4.5
50 centimes (Republique Francaise).	2.04	do	18–9.5
50 centimes (Croix de Lorraine)	2.78	do	20–0.1

MALAYA (FEDERATION)

[Coins in active circulation at end of December 1950]

1 dollar	20.217	900 silver	
Do	16.848	500 silver	
½ dollar	10.108	900 silver	
Do	8.424	500 silver	
20 cents	5.430	800 silver	23.3
Do	5.430	750 silver	23.3
Do	5.430	600 silver	23.3
Do	5.430	500 silver	23.3
Do	5.430	400 silver	23.3
Do	5.65518	75 copper, 25 nickel	23.3
10 cents	2.715	800 silver	18.0
Do	2.715	750 silver	18.0
Do	2.715	600 silver	18.0
Do	2.715	500 silver	18.0
Do	2.715	400 silver	18.0
Do	2.82759	75 copper, 25 nickel	18.0
5 cents	1.357	800 silver	15.7
Do	1.357	750 silver	15.7
Do	1.357	600 silver	15.7
Do	1.357	500 silver	15.7
Do	1.357	400 silver	15.7
Do	1.41379	75 copper, 25 nickel	15.7
1 cent	9.331	95 copper, 4 tin, 1 zinc	
Do (square)	5.832	do	
Do (square)	4.212	do	
½ cent	4.665	do	
Do (square)	2.916	do	
¼ cent	2.333	do	

Malayan coins circulate in the Colony of Singapore including its dependencies, Christmas and Cocos Islands; the Federation of Malaya; Brunei; and the Settlement of Labuan; and since 1945, in the colonies of Borneo and Sarawak.

MALTA

[British Imperial coins circulate in Malta]

MAURITIUS

[Coins in active circulation at end of December 1950]

1 rupee	11.6638	75 copper, 25 nickel	30
½ rupee	5.8319	do	23.6
¼ rupee	2.9160	do	19
10 cents (scalloped)	5.1839	do	23.5
5 cents	9.7198	95.5 copper, 3 tin, 1.5 zinc	28.4
2 cents	3.8879	do	23.1
1 cent	1.9440	do	17.8

MEXICO

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
5 pesos	30	900 silver, 100 copper	40
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc	32
Do	13½	300 silver, 100 nickel, 100 zinc, 500 copper	32
50 centavos	6¾	do	26
25 centavos	3⅛	do	21.5
20 centavos	10	95 copper, 4 zinc, 1 tin	28.5
10 centavos	5½	80 copper, 20 nickel	23.5
5 centavos	4	do	20.5
Do	4	75 copper, 25 nickel	20.5
Do	6½	95 copper, 4 zinc, 1 tin	25.5
1 centavo	3	do	20
Do	2	85 copper, 15 zinc	16

MUSCAT (MASQAT)

[Coins in active circulation at end of December 1950]

Maria Theresa thaler (trade coin).	28.06	833⅓ silver, 166⅔ copper	40.5
½ thaler		do	
50 baiza		75 copper, 25 nickel	
20 baiza		do	
10 baiza		do	
5 baiza		do	
2 baiza		do	

NETHERLANDS

[Coins in active circulation at end of December 1950]

Ducat	3.494	983 gold, 17 copper	21
Rijksdaalder	25	945 silver, 55 copper	38
Do	25	720 silver, 280 copper	38
Gulden (2½ guilders)	10	do	28
Kwartje (25-cent)	3	Nickel	19
Dubbeltje (10-cent)	1.4	640 silver, 360 copper	15
Do	3.3	Zinc	22
Do	1.5	Nickel	15
Stuiver (5-cent)	3.5	95 copper, 4 tin, 1 zinc	21
Half stuiver (2½-cent)	4	do	23.5
Do	2.8	Zinc	20
Centstukken	2.5	95 copper, 4 tin, 1 zinc	19
Do	2	Zinc	17
Do	2	95 copper, 4 tin, 1 zinc	17

Gold ducat without capacity of legal tender.

NETHERLANDS ANTILLES

[Coins in active circulation at end of December 1950]

Rijksdaalder	25	720 silver, 280 copper	38
Gulden	10	do	28
Kwartje	3.575	640 silver, 360 copper	19
Dubbeltje	1.4	do	15
Stuiver (Square)	4.5	75 copper, 25 nickel	18
2½ cents	4	95 copper, 4 zinc, 1 tin	23.5
1 cent	2.5	do	19

NETHERLANDS GUIANA (SURINAM)

[Coins in active circulation at end of December 1950]

2½ guilders	25	720 silver, 280 copper	38
1 guilder	10	do	28
½ guilder	5	do	22
¼ guilder	3.575	640 silver, 360 copper	19
1/10 guilder	1.4	do	15
5 cents	4.5	Nickel-silver	18
2½ cents	4	95 copper, 4 zinc, 1 tin; or 70 copper, 30 zinc	23.5
1 cent	2.5	do	19

NEW ZEALAND

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
Crown	28.27590	500 silver, 400 copper, 50 nickel, 50 zinc	38.7
Half-crown	14.13795	do	32.3
Do	14.13795	75 copper, 25 nickel	32.3
Florin	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc	28.5
Do	11.31036	75 copper, 25 nickel	28.5
Shilling	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc	23.6
Do	5.65518	75 copper, 25 nickel	23.6
Sixpence	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc	19.4
Do	2.82759	75 copper, 25 nickel	19.4
Threepence	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc	16.3
Do	1.41379	75 copper, 25 nickel	16.3
Pence	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9
Half-pence	5.66990	do	25.5

Silver coins in process of withdrawal in New Zealand.

NEWFOUNDLAND*

[Coins in active circulation at end of December 1950]

50 cents	11.6638	925 silver, 75 copper	29.6
25 cents	5.8319	do	23.6
20 cents	4.6655	do	
10 cents	2.3328	800 silver, 200 copper	17.8
5 cents	1.1664	do	15.5
1 cent	3.2399	95 copper, 1.5 zinc, 0.5 tin	19.1

*Newfoundland became a province of Canada on Apr. 1, 1949.

NICARAGUA

[Coins in active circulation at end of December 1950]

1 cordoba	25	900 silver, 100 copper	38
50 centavos	12.5	800 silver, 200 copper	30
Do	8	75 copper, 25 nickel	26
25 centavos	6.25	800 silver, 200 nickel	24
Do	5	75 copper, 25 nickel	23
Do	7.5	70 copper, 30 zinc	27
Do	2.5	800 silver, 200 copper	18
10 centavos	4	75 copper, 25 nickel	20
Do	5.5	70 copper, 30 zinc	24
Do	3	75 copper, 25 nickel	17
5 centavos	3.75	70 copper, 30 zinc	21
Do	5	75 copper, 25 nickel	21
Do	2.5	70 copper, 30 zinc	18
1 centavo	4	95 copper, 5 zinc and tin	20
Do	2	do	17
½ centavo			

NORTHERN RHODESIA

[British Imperial and Southern Rhodesian coins circulate in Northern Rhodesia]

NORWAY

[Coins in active circulation at end of December 1949]*

1 krone	7	75 copper, 25 nickel	25
50 øre	4.8	do	22
Do	4	99.8 zinc, 0.2 cadmium	22
25 øre	2.4	75 copper, 25 nickel	17
Do	2	99.8 zinc, 0.2 cadmium	17
10 øre	1.5	75 copper, 25 zinc	15
Do	1.25	99.8 zinc, 0.2 cadmium	15
5 øre	8	95 copper, 4 tin, 1 zinc	27
Do	6.944	Iron	27
2 øre	4	95 copper, 4 tin, 1 zinc	21
Do	3.472	Iron	21
1 øre	2	95 copper, 4 tin, 1 zinc	16
Do	1.736	Iron	16

*Latest available data.

NYASALAND

[British Imperial and Southern Rhodesian coins circulate in Nyasaland]

PAKISTAN

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 rupee	11.6638	Pure nickel	27.9
½ rupee	5.8319	do	24.1
¼ rupee	2.9160	do	19.1
2 annas	5.8319	75 copper, 25 nickel	25.4 22.4 21
1 anna	3.8879	do	19.8 19.8
½ anna	2.9160	do	17.4
Single pice	1.9440	97 copper, 2.5 zinc, 0.5 tin	21.3

Coins of India in denomination of one rupee quaternary silver, and also all India coins of two annas, one anna, half anna, and single pice withdrawn from circulation in Pakistan as from Sept. 1, 1950. Other coins of India continue to circulate.

PALESTINE (NOW ISRAEL AND JORDAN)*

[Coins in active circulation at end of December 1950]

100 mils	11.6638	720 silver, 280 copper	29
50 mils	5.8319	do	23.6
20 mils	11.3398	75 copper, 25 nickel	30.5
10 mils	6.4799	do	27
5 mils	2.9160	do	20
2 mils	7.7759	95.5 copper, 3 tin, 1.5 zinc	28
1 mil	3.2399	do	21

*Palestine coins in circulation in Israel and Jordan in 1950. See tables under *Israel* and *Jordan* for distinctive coins of these countries.

PANAMA (REPUBLIC OF)

[Coins in active circulation at end of December 1949]*

1 balboa	26.73	900 silver, 100 copper	38
0.50 balboa	12.5	do	30
0.25 balboa	6.25	do	25
0.10 balboa	2.5	do	18
0.05 balboa	5	75 copper, 25 nickel	21
0.025 balboa	3.30	do	18
0.0125 balboa	3.11	95 copper, 5 zinc and tin	20
0.01 balboa	3.11	do	19

*Latest available data.
United States coins also circulate in Panama.

PARAGUAY

[Coins in active circulation at end of December 1950]

50 centimos	6	92 copper, 8 aluminum	25
25 centimos	5	do	23
10 centimos	4	do	21
5 centimos	3	do	19
1 centimo	2	do	17

PERU

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
100 soles	46.8071	900 gold, 100 copper	37
50 soles	23.40355	do	30
20 soles	9.36142	do	23
1 sol	14	70 copper, 30 zinc	33
Do	14	79 copper, 20 zinc, 1 nickel	33
½ sol	7.5	70 copper, 30 zinc	27
Do	7.5	79 copper, 20 zinc, 1 nickel	27
20 centavos	7	75 copper, 25 nickel	24
Do	7	70 copper, 30 zinc	24
10 centavos	4	75 copper, 25 nickel	20
Do	4	70 copper, 30 zinc	20
5 centavos	3	75 copper, 25 nickel	17
Do	3	70 copper, 30 zinc	17
2 centavos	10	95 copper, 3 tin, 2 zinc	24
Do	5	95 copper, 5 zinc	24
Do	1.4	95 zinc, 5 copper	17
1 centavo	5	95 copper, 3 tin, 2 zinc	19
Do	2.5	95 copper, 5 zinc	19
Do	1.1	95 zinc, 5 copper	15

Gold coins of Peru are minted for private account. The sol and half sol denominations are issued by the Central Reserve Bank; all other denominations are issued by the State.

PHILIPPINES

[Coins in active circulation at end of December 1950]

1 peso	20	800 silver, 200 copper	35.7
50 centavos	10	750 silver, 250 copper	27.6
20 centavos	4	do	20.8
10 centavos	2	do	16.7
5 centavos	4.87	65 copper, 12 nickel, 23 zinc	19.1
1 centavo	5.184	95 copper, 5 zinc	24.8

POLAND

[Coins in active circulation at end of December 1950]

1 zloty	6.975	Copper-nickel	25
50 groszy	5.035	do	23
20 groszy	2.9	do	20
10 groszy	2	do	17.6
5 groszy	2.995	Brass	20

PORTUGAL

[Coins in active circulation at end of December 1950]

10 escudos	12.5	835 silver, 165 copper	30
5 escudos	7	650 silver, 350 copper	25
2½ escudos	3.5	do	20
1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8
50 centavos	4.5	do	22.8
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5
10 centavos	2	do	17.5

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
10 escudos	12.5	835 silver, 165 copper	30
5 escudos	7	650 silver, 350 copper	25
2½ escudos	3.5	do	20
1 escudo	8	80 copper, 20 nickel	26.8
Do	7.5	95 copper, 3 zinc, 2 tin	26.8
Do	8	61 copper, 20 zinc, 19 nickel	26.8
50 centavos	4	do	22.8
Do	4.5	80 copper, 20 nickel	22.8
Do	4.5	61 copper, 20 zinc, 19 nickel	22.8
20 centavos	5	96 copper, 4 zinc	25
Do	3	95 copper, 3 zinc, 2 tin	20.5
10 centavos	4	96 copper, 4 zinc	22.5

PORTUGUESE INDIES

[Coins in active circulation at end of December 1950]

1 rupee	11.664	916⅔ silver, 83⅓ copper	30
Do	12	500 silver, 420 copper, 80 nickel	30
½ rupee	5.832	916⅔ silver, 83⅓ copper	25
Do	5.6	75 copper, 25 nickel	24
¼ rupee	2.8	do	19
4 tangas	4	80 copper, 20 nickel	22.5
2 tangas	3	do	19
1 tanga	4	96 copper, 4 zinc	22.5
Do	6	95 copper, 3 zinc, 2 tin	25

PORTUGUESE MACAU

[Pataca of Hong Kong and Chinese coins circulate in Macau]

PORTUGUESE TIMOR

[Coins in active circulation at end of December 1950]

50 avos	3.5	650 silver, 350 copper	20
20 avos	8	61 copper, 20 zinc, 19 nickel	26.8
10 avos	3	95 copper, 3 zinc, 2 tin	20.5

PORTUGUESE WEST AFRICA (ANGOLA)

[Coins in active circulation at end of December 1950]

50 centavos	4.5	61 copper, 20 zinc, 19 nickel	22.8
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5
10 centavos	2	do	17.5

PORTUGUESE WEST AFRICA (CAPE VERDE)

[Coins in active circulation at end of December 1950]

1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8
50 centavos	4.5	do	22.8

PORTUGUESE WEST AFRICA (GUINEA)

[Coins in active circulation at end of December 1950]

1 escudo	7.5	95 copper, 3 zinc, 2 tin	26.8
50 centavos	4	do	22.8

PORTUGUESE WEST AFRICA (SAN TOME AND PRINCIPE)

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
10 escudos	12.5	835 silver, 165 copper	30
5 escudos	7	650 silver, 350 copper	25
2½ escudos	3.5	do	20
1 escudo	8	80 copper, 20 nickel	26.8
Do	8	61 copper, 20 zinc, 19 nickel	26.8
50 centavos	4.5	do	22.8

RUMANIA

[Coins in active circulation at end of December 1950]

5 lei	1.5	Aluminum with 1.5 percent impurities	23
2 lei	3.5	92 copper, 8 zinc	21
Do	2.5	63 copper, 37 zinc	18
1 leu	2.5	do	18
Do	1.7	70 copper, 30 zinc	16
50 bani	1.7	do	16

The 5 lei aluminum coin bearing the monarchial effigy withdrawn from circulation July 1, 1950; the 5 lei aluminum coin bearing the Republic's seal continues to circulate. The 2 and 1 lei coins bearing th e monarchial insignia withdrawn from circulation between Nov. 1 and Dec. 31, 1950.

REUNION

[Coins in active circulation at end of December 1950]

1 franc		Aluminum	

SAINT-PIERRE ET MIQUELON

[Coins in active circulation at end of December 1950]

5 francs	3.5	Aluminum	31
2 francs	2.2	do	27
1 franc	1.3	do	23

Authorized by Decree No. 48-2002 of Dec. 30, 1948.

SARAWAK

[Coins in active circulation at end of December 1949]*

50 cents	10.368	400 silver, 600 copper	31
20 cents	5.184	do	23.5
10 cents	5.832	75 copper, 25 nickel	26
5 cents	3.888	do	21
1 cent	5.5	Copper	24.5
½ cent	3	do	18

*Latest available data.

Malayan coins also in circulation in Sarawak since 1945.

SAUDI ARABIA

[Coins in active circulation at end of December 1949]*

1 riyal	11.6638	916⅔ silver, 83⅓ copper	30.5
½ riyal	5.8319	do	24.4
¼ riyal	2.9160	do	19.5
1 qurush	6.5	75 copper, 25 nickel	26
½ qurush	5.5	do	23
¼ qurush	4.25	do	20

*Latest available data.

British and Australian gold sovereigns also circulate in Saudi Arabia.

SEYCHELLES

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 rupee	11.6638	500 silver, 400 copper, 50 zinc, 50 nickel	30
½ rupee	5.8319	do	23.6
¼ rupee	2.9160	do	19
10 cents (scalloped)	6.8039	75 copper, 25 nickel	25
5 cents	9.7198	95.5 copper, 3 tin, 1.5 zinc	28.4
2 cents	3.8879	do	23.1
1 cent	1.9440	do	17.8

SINGAPORE

[Malayan coins circulate in the Colony of Singapore and its dependencies, Christmas and Cocos Islands]

SOMALIS (FRENCH)

[Coins in active circulation at end of December 1950]

5 francs	3.8	Aluminum	
2 francs	2.2	do	
1 franc	1.3	do	

SOUTH WEST AFRICA

[Coins of the Union of South Africa circulate in South West Africa]

SOUTHERN RHODESIA

[Coins in active circulation at end of December 1950]

Half-crown (2½ s.)	14.13795	500 silver, 400 copper, 50 nickel, 50 zinc	32.3
Do	14.13795	925 silver, 75 copper	32.3
Do	14.13795	75 copper, 25 nickel	32.3
Florin (2 s.)	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc	28.5
Do	11.31036	925 silver, 75 copper	28.5
Do	11.31036	75 copper, 25 nickel	28.5
Shilling	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc	23.6
Do	5.65518	925 silver, 75 copper	23.6
Do	5.65518	75 copper, 25 nickel	23.6
Sixpence	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc	19.4
Do	2.82759	925 silver, 75 copper	19.4
Do	2.82759	75 copper, 25 nickel	19.4
Threepence	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc	16.3
Do	1.41379	925 silver, 75 copper	16.3
Do	1.41379	75 copper, 25 nickel	16.3
Penny	6.47989	do	27
Do	6.47989	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	27
Half-penny	2.91595	75 copper, 25 nickel	21
Do	2.91595	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	21

Coins of Southern Rhodesia circulate in Northern Rhodesia and Nyasaland where British coins also circulate.

Thickness of coins of 925 fineness slightly less than for corresponding denominations of 500 fineness.

SPAIN

[Coins in active circulation at end of December 1950]

5 pesetas	15	Pure nickel	32
1 peseta	3.5	90 copper, 10 aluminum	21
50 centimos	4	75 copper, 25 nickel	20
10 centimos	1.85	97.5 aluminum, 2.5 copper	23
5 centimos	1.15	do	20

ST. LUCIA

[British Imperial coins circulate in St. Lucia]

ST. VINCENT

[British Imperial coins circulate in St. Vincent]

SWAZILAND

[Coins of the Union of South Africa circulate in Swaziland]

SWEDEN

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
5 kronor	25	900 silver, 100 copper	36
2 kronor	15	800 silver, 200 copper	31
Do	14	400 silver, 500 copper, 50 nickel, 50 zinc	31
1 krona	7.50	800 silver, 200 copper	25
Do	7	400 silver, 500 copper, 50 nickel, 50 zinc	25
50 ore	5	600 silver, 400 copper	22
Do	4.80	400 silver, 500 copper, 50 nickel, 50 zinc	22
Do	4.80	75 copper, 25 nickel	22
25 ore	2.42	600 silver, 400 copper	17
Do	2.32	400 silver, 500 copper, 50 nickel, 50 zinc	17
Do	2.40	75 copper, 25 nickel	17
10 ore	1.45	400 silver, 600 copper	15
Do	1.44	400 silver, 500 copper, 50 nickel, 50 zinc	15
Do	1.50	75 copper, 25 zinc	15
5 ore	8	95 copper, 4 tin, 1 zinc	27
Do	6.90	Iron	27
2 ore	4	95 copper, 4 tin, 1 zinc	21
Do	3.50	Iron	21
1 ore	2	95 copper, 4 tin, 1 zinc	16
Do	1.70	Iron	16

SWITZERLAND

[Coins in active circulation at end of December 1950]

5 francs	15	835 silver, 165 copper	31
2 francs	10	do	27
1 franc	5	do	23
½ franc	2.5	do	18
20 centimes	4	Nickel	21
Do	4	75 copper, 25 nickel	21
10 centimes	3	Nickel	19
Do	3	75 copper, 25 nickel	19
5 centimes	2	Nickel	17
Do	2	75 copper, 25 nickel	17
2 centimes	3	95 copper, 4 tin, 1 zinc	20
Do	2.4	Zinc	20
1 centime	1.5	95 copper, 4 tin, 1 zinc	16
Do	1.2	Zinc	16

SYRIA

[Coins in active circulation at end of December 1949]*

50 piasters	10	680 silver, 320 copper	28
Do	5	600 silver, 400 copper	24
25 piasters	5	680 silver, 320 copper	24
Do	2.5	600 silver, 400 copper	20
10 piasters	2	680 silver, 320 copper	17
Do	4	75 copper, 25 nickel	21
5 piasters	4.2	Bronze-aluminum	22.5
Do	3	75 copper, 25 nickel	19
2½ piasters	2.9	Bronze-aluminum	21
Do	2	75 copper, 25 nickel	17
2 piasters	1.9	Bronze-aluminum	18
1 piaster	5	Bronze-nickel	24
Do	3.5	Zinc	24
½ piaster	4	Bronze-nickel	21

*Latest available data.
Description of Syrian nonprecious metal coins to be fixed by decision to be issued by Minister of Finance.

SYRIA—Continued

[Coins authorized by decree law No. 76 dated Mar. 11, 1950]*

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
Syrian gold pound	6.7585½	900 gold, 100 copper	21
Half Syrian gold pound	3.3792⅜	do	19
100 piasters	10	680 silver, 320 copper	28
50 piasters	5	600 silver, 400 copper	24
25 piasters	2.5	do	20
10 piasters		Nonprecious metal	
5 piasters		do	
2.5 piasters		do	
2 piasters		do	
1 piaster		do	
0.5 piaster		do	

*Latest available data.

Description of Syrian nonprecious metal coins to be fixed by decision to be issued by Minister of Finance.

THAILAND (SIAM)

[Coins in active circulation at end of December 1950]

Baht or tical	15	900 silver, 100 copper	30
50 satang	7.5	650 silver, 350 copper	25
25 satang	3.75	do	20
50 satang	5	90 tin, 10 copper	25
25 satang	2.5	do	20.5
20 satang	6	do	22
Do	3	650 silver, 350 copper	22
10 satang	2.5	do	19
Do	3.5	Pure nickel	20
Do	5	90 tin, 10 copper	20
Do	4	do	20
Do	1.75	do	17.5
5 satang	3	do	17.5
Do	2.5	do	17.5
Do	1.25	do	15
Do	1.5	650 silver, 350 copper	16.5
1 satang	2	Pure nickel	17.5
Do	1.5	90 tin, 10 copper	15
Do	5	95 copper, 4 tin, 1 zinc	22
½ satang	3.5	do	20.5
	2	do	19

Tin coins used chiefly in Thailand.

TOGO (FRENCH)

[Coins in active circulation at end of December 1950]

2 francs	2.2	Aluminum	27
1 franc	1.3	do	23

TRINIDAD AND TOBAGO

[British Imperial coins circulate in Trinidad and Tobago]

TUNISIA

[Coins in active circulation at end of December 1949]*

5 francs	12	90 to 91.5 copper, 8.5 to 9 aluminum, other, less than 1	31
2 francs	8	do	27
1 franc	4	do	23
½ franc	2	do	18

*Latest available data.

TURKEY

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 lira (pound)	7.5	600 silver, 400 copper	25
50 kurus (piasters)	4	do	20
25 kurus	4.5	70 copper, 30 zinc	22.5
10 kurus	6	75 copper, 25 nickel	25.5
Do	2.75	70 copper, 30 zinc	18
5 kurus	4	75 copper, 25 nickel	21.5
Do	2.25	70 copper, 30 zinc	16
2½ kurus	3.125	do	21
1 kuru	2.5	75 copper, 25 nickel	18.5
Do	2.25	70 copper, 30 zinc	18

Turkish cupro-nickel coins are being withdrawn.

UNION OF SOUTH AFRICA

[Coins in active circulation at end of December 1950]

Crown	28.27590	800 silver, 200 copper	38.7
Half crown	14.13795	do	32.2
Florin	11.31036	do	28.6
Shilling	5.65518	do	23.6
Sixpence	2.82755	do	19.3
Threepence	1.41379	do	16.2
Penny	9.44984	95 copper, 4.5 zinc, 0.5 tin	30.9
Halfpenny	5.66990	do	25.5
Farthing	2.83495	do	20.1

South African coins also circulate in Basutoland, Bechuanaland, South West Africa, and Swaziland.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

[Coins in active circulation at end of December 1950]

Imperial coins			
Crown	28.27590	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.	38.7
Half-crown	14.13795	do	32.3
Florin	11.31036	do	28.5
Shilling	5.65518	do	23.6
Sixpence	2.82759	do	19.4
Threepence	1.41379	do	16.3
Do (12 sided)	6.80388	79 copper, 20 zinc, 1 nickel	{21.1 / 21.9
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9
Halfpenny	5.66990	do	25.5
Farthing	2.83495	do	20.2
Maundy Money			
Fourpence	29.09090	925 silver, 75 copper	17.6
Threepence	21.81818	do	16.3
Twopence	14.54545	do	13.4
Penny	7.27272	do	11.2

Maundy Money does not actively circulate, but is minted for distribution of the Royal Maundy at Westminster Abbey on Maundy Thursday.

Silver coins (except Maundy Money) are no longer coined, but are in process of withdrawal from circulation, and are being replaced by the cupro-nickel coins authorized under the coinage act of 1946.

British Imperial coins are legal tender in the following territories: Jamaica (including Turks and Caicos Islands and Cayman Islands), Bahamas, Barbados, Bermuda, British Guiana, Dominica, Falkland Islands, Grenada, Leeward Islands, Malta, St. Lucia, St. Vincent, Trinidad and Tobago, and Gibraltar.

URUGUAY

[Coins in active circulation at end of December 1950]

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters
1 peso	9	720 silver, 280 copper	27
50 centesimos	7	do	24
20 centesimos	3	do	18.5
10 centesimos	6	91 copper, 9 aluminum	25
5 centesimos	5	75 copper, 25 nickel	23
Do	5	95.5 copper, 3 tin, 1.5 zinc	23
2 centesimos	3.5	75 copper, 25 nickel	20
Do	3.5	95.5 copper, 3 tin, 1.5 zinc	20
1 centesimo	2	75 copper, 25 nickel	17

VATICAN CITY

[Coins in active circulation at end of December 1950]

100 Vatican lire	5.1966	900 gold	20.7
10 Vatican lire	3	Aluminum-magnesium-mangnese	29
5 Vatican lire	2.5	do	26.7
2 Vatican lire	1.75	do	24.1
1 Vatican lira	1.25	do	21.6

The 100 Vatican lire denomination is not coined for circulation.

VENEZUELA

[Coins in active circulation at end of December 1950]

5 bolivares	25	900 silver, 100 copper	37
2 bolivares	10	835 silver, 165 copper	27
1 bolivar	5	do	23
½ bolivar	2.5	do	18
¼ bolivar	1.25	do	16
12½ centimos	5	75 copper, 25 nickel	23
5 centimos	2.5	do	19

World production of gold, 1945–50, by countries, in fine ounces [1]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1945	1946	1947	1948	1949	1950
North America:						
United States (including Alaska)[2]	915,403	1,462,354	2,165,318	2,025,480	1,921,949	2,288,708
Canada	2,606,727	2,832,554	3,070,221	3,529,608	4,123,518	4,430,612
Newfoundland	11,767	12,854	11,032			
Central America and West Indies:						
Costa Rica[3]	3,054	1,251	1,988	1,096	284	115
Cuba	[3] 423	1,105	364	334	[3] 5,692	[3] 6,915
Dominican Republic[3]	486	645	16	29	993	475
Guatemala[3]	66	36	35	16	5	397
Haiti	[3] 73	41				
Honduras	17,078	12,833	12,037	13,633	25,832	36,545
Nicaragua (exports)	206,360	203,390	213,454	222,627	219,139	229,206
Panama				1,000	[4] 9,657	1,118
Salvador (exports)	16,526	21,798	10,755	20,778	27,091	29,053
Mexico	499,301	420,500	464,739	367,612	405,550	408,122
Total	4,367,200	4,969,400	5,950,000	6,182,200	6,739,700	7,431,300
South America:						
Argentina	3,381	8,038	[5] 8,000	[3] 8,000	[3] 8,000	[6]
Bolivia	5,888	16,700	20,108	6,687	33,533	[4] 1,737
Brazil (estimate)	212,200	175,000	167,000	156,900	183,500	180,000
British Guiana	22,533	19,793	21,111	16,518	19,368	11,800
Chile	180,462	230,880	168,855	164,258	179,144	206,858
Colombia	506,695	437,176	383,027	335,260	359,474	379,412
Ecuador	68,038	75,254	57,250	79,207	99,241	91,946
French Guiana	20,641	19,741	14,918	13,625	14,265	12,249
Peru	172,661	158,378	116,016	111,162	137,959	128,603
Surinam	5,895	4,648	4,134	4,177	3,794	4,546
Uruguay	[5] 1,000					
Venezuela	76,839	48,558	21,830	49,730	61,378	34,462
Total	1,276,000	1,194,000	982,000	946,000	1,100,000	1,060,000
Europe:						
Czechoslovakia	1,529	1,903	2,090	[6]	[6]	[6]
Finland	6,633	7,327	11,285	11,317	14,587	9,465
France	39,738	48,355	42,407	47,519	47,294	63,015
Hungary	193	1,318	1,993	[6]	[6]	[6]
Italy	1,768	8,520	11,253	18,422	10,385	10,674
Portugal		6,087	15,754	11,799	10,385	[6]
Rumania	90,987	80,377	74,686	90,000	112,528	[6]
Spain	2,025	3,729	2,714	11,375	30,318	13,217
Sweden	85,585	91,372	75,586	71,889	80,280	[6]
U. S. S. R. (estimate)[7]	5,000,000	6,000,000	7,000,000	7,000,000	7,000,000	7,000,000
Total	5,200,000	6,300,000	7,200,000	7,300,000	7,400,000	7,400,000

See footnotes at end of table.

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World production of gold, 1945–50, by countries, in fine ounces[1]—Continued

Country	1945	1946	1947	1948	1949	1950
Asia:						
Burma	30	2	9	230	158	(6)
China			107,535	88,200	[8] 60,000	[8] 160,000
Formosa	579	424	8,387	17,668	16,607	18,232
India	168,366	131,775	171,704	180,490	163,871	196,848
Indonesia [9]		16,000	16,000	32,000	32,000	(6)
Japan	128,410	43,154	55,029	69,000	84,492	132,332
Korea:						
North	96,452	192,000	322,000	(6)	(6)	(6)
South		1,269	2,494	3,466	3,419	(6)
Malaya	287	445	5,312	10,212	13,617	18,436
Philippines	[8] 13,490	360	64,441	209,225	287,844	333,991
Sarawak	(6)	17	389	599	1,523	1,440
Saudi Arabia	37,972	48,000	52,000	74,000	66,835	66,202
U. S. S. R.	(7)	(7)	(7)	(7)	(7)	(7)
Total	446,000	433,000	805,000	791,000	786,000	984,000
Africa:						
Angola	822	552	360	443	319	201
Bechuanaland	11,297	9,739	7,381	1,507	256	261
Belgian Congo [9]	346,971	331,313	301,445	299,774	333,853	339,415
Egypt	3,014	2,793	2,000	3,833	7,045	9,242
Eritrea	2,119	5,411	3,674	2,242	2,243	1,042
Ethiopia	[4] 56,176	[4] 51,528	[4] 27,382	41,595	45,102	[8] 43,200
French Cameroun	16,300	11,927	11,510	10,706	8,938	7,170
French Equatorial Africa	76,069	71,535	64,044	63,723	57,260	54,996
French Guinea	(6)	4,405	7,395	88,029	(6)	(6)
French Morocco	161	482	1,029	804	643	119
French West Africa	6,945	7,009	5,564	20,512	46,381	90,452
Gold Coast	539,252	585,910	558,011	672,388	676,934	[8] 680,000
Kenya	38,517	29,892	21,959	23,429	20,072	22,945
Liberia	[4] 9,016	16,506	16,987	13,797	14,656	11,025
Madagascar	6,430	3,890	1,511	2,095	1,663	1,935
Mozambique	7,897	5,766	5,427	4,734	2,468	(6)
Nigeria	8,108	4,881	2,203	2,899	2,515	2,238
Northern Rhodesia	265	[10] 6,838	[10] 779	[10] 1,180	[10] 1,186	[10] 1,432
Sierra Leone	274	183	2,400	2,193	2,160	3,523
Southern Rhodesia	568,241	544,596	522,735	514,440	528,180	511,163
South-West Africa	83	67	34	455	32	32
Sudan	1,623	3,670	3,725	3,579	4,114	3,503
Swaziland	3,583	4,914	5,637	3,110	2,841	1,794
Tanganyika (exports)	49,302	48,428	47,317	57,557	68,989	65,127
Uganda (exports)	2,295	2,176	1,366	1,158	650	590
Union of South Africa	12,224,629	11,927,165	11,200,281	11,584,849	11,705,048	11,663,713

Total	13, 980, 000	13, 679, 000	12, 822, 000	13, 421, 000	13, 614, 000	13, 585, 000
Oceania:						
Australia:						
Commonwealth	657, 212	824, 480	937, 654	885, 507	889, 057	850, 000
New Guinea		661	59, 202	86, 556	93, 045	[5] 75, 000
Fiji	94, 964	82, 402	94, 353	93, 059	104, 036	103, 421
New Zealand	128, 364	119, 271	112, 260	93, 903	84, 874	76, 527
Total	880, 540	1, 026, 814	1, 203, 469	1, 159, 025	1, 171, 012	1, 104, 948
World total (estimate)[1]	26, 100, 000	27, 600, 000	28, 900, 000	29, 800, 000	30, 800, 000	31, 600, 000

[1] Figures used derived in part from American Bureau of Metal Statistics. For some countries accurate figures are not possible to obtain owing to clandestine trade in gold. Data not available for Austria, Bulgaria, Germany, Norway, Thailand, and Yugoslavia; estimates included in the total. In addition, production in Cyprus, Indochina, and Papua was negligible.

[2] Refinery production. Excludes production of the Philippines.

[3] Imports into United States.

[4] Exports.

[5] Estimate.

[6] Data not available; estimate included in total.

[7] Output from U. S. S. R. in Asia included with U. S. S. R. in Europe.

[8] Figure published by Director of the Mint, representing gold of Philippine origin refined but not necessarily mined during the year.

[9] Includes Ruanda-Urundi.

[10] Included is yield from Nkana mine refinery slimes accumulated during the war: 6,594 ounces in 1946, 547 in 1947, 999 in 1948, 972 in 1949, and 1,296 in 1950.

World production of silver, 1945–50, by countries, in fine ounces [1]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1945	1946	1947	1948	1949	1950
North America:						
United States	29,046,047	21,103,269	38,587,069	39,228,468	34,944,554	42,308,739
Canada	12,942,906	12,544,100	12,504,018	16,109,982	17,641,493	22,386,456
Newfoundland	1,076,129	1,107,827	956,052			
Central America and West Indies:						
Costa Rica [4]	1,380	604	1,470	3,029	720	215
Cuba	[2] 107,195	127,222	146,932	185,216	[2] 157,411	[2] 221,779
Guatemala	[3]	[3]	[3]	[2]	81,502	339,360
Honduras	3,003,495	2,682,910	2,413,399	3,170,871	3,431,614	[4] 4,049,247
Nicaragua	[4] 240,197	[4] 260,637	[4] 213,417	[2] 216,802	[2] 191,082	[2] 133,282
Salvador	[4] 223,705	[4] 313,180	[4] 265,104	[4] 216,342	280,309	462,073
Mexico	61,097,727	43,263,132	58,843,863	57,519,703	49,454,882	49,141,445
Total	107,739,000	81,403,000	113,931,000	116,650,000	106,184,000	119,043,000
South America:						
Argentina [4]	2,760,000	3,090,000	2,435,400	1,201,900	1,249,421	1,150,000
Bolivia (exports)	6,683,561	6,106,165	6,233,354	7,562,208	6,634,627	6,566,950
Brazil	28,385	21,968	20,293	23,095	21,041	[5] 12,860
Chile	825,438	557,333	747,055	861,961	799,685	746,797
Colombia	168,699	151,971	110,352	109,188	106,590	115,711
Ecuador	235,500	192,200	134,100	205,800	276,900	275,526
Peru	12,997,845	12,334,249	10,782,995	9,288,777	10,627,717	13,053,201
Total	23,699,000	22,454,000	20,464,000	19,253,000	19,716,000	21,921,000
Europe:						
Austria				[3]	12,890	18,901
Czechoslovakia [5]	300,000	600,000	1,400,000	1,600,000	[3]	[3]
Finland	45,236	146,929	188,821	167,615	171,150	115,939
France	350,025	535,213	474,320	494,414	570,888	549,669
Germany (Federal Republic)	[3]	[3]	[3]	[6] 867,459	1,601,782	[3]
Hungary	[7] 3,200	14,854	[3]	[3]	[3]	[3]
Italy	1,382	313,791	443,680	595,432	793,545	851,995
Norway	131,818	202,550	228,270	215,410	170,399	[5] 150,000
Portugal			7,395	35,366	31,958	[3]
Rumania	189,689	[3]	481,264	[3]	[3]	[3]
Spain	497,661	669,009	638,192	339,396	514,283	823,059
Sweden	1,135,178	1,294,935	1,088,656	1,137,943	1,140,708	1,291,656
United Kingdom	27,517	23,285	23,522	25,000	[3]	[3]
Total (estimate)	12,000,000	13,000,000	15,000,000	18,000,000	27,000,000	28,000,000

Asia:						
Burma				415,099	[3]	[3]
China	[2]	[2]	1,747	[2]	160,000	320,000
India	14,154	9,821	12,422	12,797	11,275	15,676
Japan	4,293,121	1,281,625	1,792,050	2,185,672	2,887,265	3,680,617
Korea:						
North	[1] 128,600	[1] 128,600	[1] 128,600	[1]	[3]	[3]
South	[1] 27,572	[1] 38,689	[1] 38,505	[1]	18,932	[3]
Philippines	17,208	3,600	54,940	150,760	218,419	216,634
Saudi Arabia	24,144	31,307	49,805	67,819	81,295	124,287
Taiwan (Formosa)	3,156	108	1,856	7,042	4,836	2,098
Total (estimate)	4,500,000	1,500,000	2,200,000	3,000,000	3,600,000	4,600,000
African:						
Algeria	14,661	39,906	24,435	29,739	[3]	[3]
Bechuanaland	1,237	1,704	1,086	233	23	24
Belgian Congo	4,141,016	5,047,686	4,057,295	3,805,715	4,549,330	4,459,951
French Morocco	107,609	117,157	356,712	487,598	491,906	482,261
Gold Coast (exports)	36,666	54,525	41,250	45,553	38,887	43,317
Kenya	16,659	5,493	3,859	3,184	2,279	2,586
Mozambique	998	805	712	616	244	[3]
Nigeria	1,106	666	2,130	4,270	484	325
Northern Rhodesia	2,269	[4] 634,392	[4] 73,277	[4] 145,865	[4] 134,920	[4] 173,304
Southern Rhodesia	95,975	95,168	91,900	81,404	84,495	85,549
South-West Africa			[3] 390,000	323,647	642,500	843,737
Swaziland	163		211	124	120	60
Tanganyika (exports)	21,377	21,096	20,794	25,010	27,631	31,014
Tunisia	34,369	60,122	53,852	16,011	156,638	[3]
Uganda (exports)	275	205	87	56	[3]	[3]
Union of South Africa	1,243,426	1,207,373	1,147,694	1,170,951	1,159,375	1,119,135
Total	5,718,000	7,287,000	6,266,000	6,140,000	7,310,000	7,400,000
Oceania:						
Australia:						
Commonwealth	8,076,740	9,045,280	9,527,140	10,057,519	9,849,213	10,677,456
New Guinea			[5] 35,421	[5] 31,739	[5] 31,786	[3]
Fiji	29,398	26,351	33,237	29,187	29,755	37,736
New Zealand	244,544	224,341	221,984	232,563	232,599	199,701
Total	8,351,000	9,296,000	9,818,000	10,351,000	10,143,000	10,945,000
World total (estimate) [1]	162,000,000	135,000,000	167,700,000	173,400,000	174,000,000	192,000,000

[1] Silver is also produced in Bulgaria, Cyprus, Greece, Hong Kong, Federation of Malaya, Indonesia, Poland, Sarawak, Sierra Leone, Turkey, U. S. S. R., and Yugoslavia; production data are not available, but estimates are included in total.

[2] Imports into the United States. Scrap is included in this figure in many instances, most notably in the case of Cuba.

[3] Data not available; estimate included in total.

[4] Exports.

[5] Estimate.

[6] American and British zones only.

[7] Data represents Trianon Hungary after October 1944.

[8] Recovered from an accumulation of refinery slimes.

[9] Fiscal year ended May 31 of year following that stated.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1932

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS DURING THE CALENDAR YEAR 1931

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1932

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1931

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PART I

REPORT OF THE DIRECTOR ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1932

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 12, 1932.

SIR: In compliance with the provisions of section 345, Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1932, being the sixtieth annual report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this bureau upon the production and consumption of the precious metals in the United States for the calendar year 1931.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1932, 10 mint-service institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which makes large sales of fine gold bars; mints at New Orleans and Carson City conducted as assay offices; and assay offices at Boise, Helena, Seattle, and Salt Lake City. The six last-named institutions are, in effect, bullion-purchasing agencies for the large institutions and also serve the public by making assays of ores and bullion. Electrolytic refineries are operated at the New York, Denver, and San Francisco institutions.

Coinage

During the past fiscal year the coinage executed was again very small in number of pieces, 26,801,500 domestic coins having been made with a total face value of $111,999,580, the value being high by reason of the gold coinage amounting to $111,015,000. The silver coinage made had face value of $803,000, and nickel and bronze coin $181,580.

Coins executed for foreign governments totaled 9,532,316 pieces of silver and nickel, all made at the Philadelphia Mint, as compared with 2,355,120 pieces of gold and silver made during the prior fiscal year.

Grand totals of pieces executed compare as follows: 1932, 36,333,816; 1931, 100,591,620.

Bullion Deposit Transactions

The number of bullion deposits, each one of which must be separately melted, assayed, computed, etc., greatly increased during the fiscal year just closed, to 54,105 from last year's 36,098. Many

small parcels have been received from individual placer miners, doubtless thus working while more remunerative employment is unavailable, and many more small parcels of secondary materials—old jewelry, plated ware, etc.—have been returned to monetary use. This increase of transactions is continuing into the new fiscal year and promises to reach new high records. Very greatly increased gold imports arrived at the San Francisco Mint.

Gold Operations

Gold acquired by the Government at the several mint-service institutions during the fiscal year 1932 totaled $413,057,073.88; United States gold coin received by the mints for recoinage amounted to $2,945,294.55; transfers of gold between mint offices totaled $11,692,940.68; the aggregate amount of gold received by the several mint-service institutions during the fiscal year 1932 was $427,695,309.11, which compares with $224,713,639.03 during the prior year.

Silver Operations

Receipts of purchased silver during the fiscal year 1932 totaled 1,051,030.55 fine ounces, the average cost of which was 28.71 cents per ounce, total cost being $301,737.75. Silver received in exchange for bars bearing the Government stamp totaled 1,578,487.34 fine ounces; United States silver coin received for recoinage totaled 4,937,147.47 fine ounces, the recoinage value being $6,825,156.35; silver deposited in trust by other governments totaled 3,259,843.03 fine ounces; and transfers between mint-service offices totaled 735,841.89 fine ounces, making the aggregate quantity of silver received by the several mint-service offices during the fiscal year 11,562,350.28 fine ounces, as compared with 7,851,899.24 ounces during the prior year.

The New York market price of silver during the fiscal year ended June 30, 1932, averaged $0.29404; the lowest price was $0.269375, on June 30, 1932, and the highest price $0.375625, November 10, 1931.

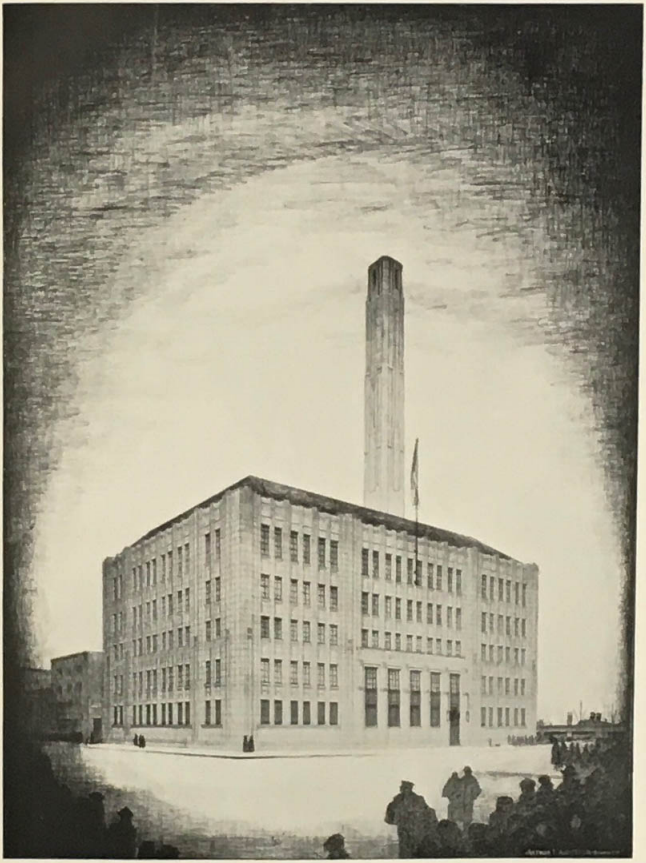
Refineries

The refineries at the San Francisco and Denver mints produced 1,602,238 fine ounces (54.9 tons of electrolytically refined gold during the fiscal year ended June 30, 1932, which compares with 1,365,444 fine ounces (46.8 tons) in the prior fiscal year; and 1,855,387 fine ounces electrolytically refined silver (63.6 tons), which compares with 1,811,491 fine ounces (62.1 tons) in the prior year. The New York electrolytic refinery did not operate during the past year.

The stock of gold and silver in unrefined bullion on hand increased during the past year by about 136 tons to 665 tons as compared with the prior year's increase of about 89 tons.

Housing

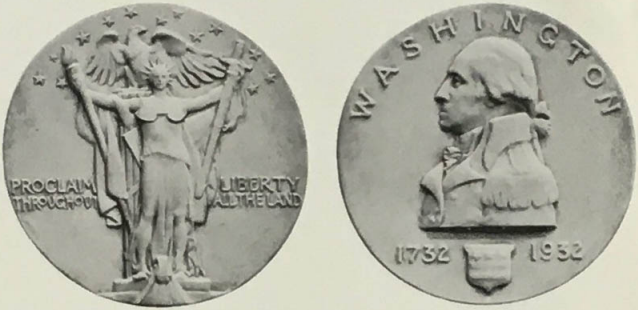
The new building for the New York assay office was practically ready for occupancy at the end of the fiscal year. It is located on the East River water front at Old Slip, South, and Front Streets, about six blocks from the old Wall Street site which has been sold by the



UNITED STATES ASSAY OFFICE BUILDING, 32 OLD SLIP, NEW YORK

ERECTED 1931–32.

4—1



WASHINGTON BICENTENNIAL MEDAL

NEW DESIGN QUARTER DOLLAR

Government. It covers an area of about 195 by 142 feet, is five stories in height, with much greater floor area than the old building provided. The building is of steel and concrete, faced with granite, and with a granite faced smokestack 160 feet in height. The first floor is arranged for the receiving of bullion deposits from the public, for melting the deposits, for stamping refined bars, for the cashier, superintendent of building, and with a packing or shipping room; a shipping platform is capable of caring for four or five armored trucks within the gate-enclosed premises. There is also a cashier's vault and a bar-department vault, while the main vault, approximately 31 by 70 feet, is carried up through the several floors, and has a mezzanine at the first story, also a storage compartment below the first-floor level. The second floor is arranged for the general offices, including those of the superintendent; the assay department; the offices of the melting and refining department, with bullion vault, make-up room, laboratory, etc. The third floor will not now be used by the assay office. The fourth floor will be occupied by the gold-refining and silver-refining divisions, the bullion storage vault, machine shop, etc. The fifth floor has, in addition to the bullion-storage vault, a melting room, laboratory, storekeeper's quarters, etc., while general storage space will be available in the attic.

The Seattle assay office moved, in February, 1932, from the rented building at 617 Ninth Avenue which it had occupied since the office was established in 1898, to its quarters on the top floor of the new immigration station and assay office building at Fifth Avenue South and Airport Way. The entire top floor was specially arranged for the assay office.

The old mint building at New Orleans was vacated by the New Orleans Mint (operated as an assay office only) in June, 1931. Much smaller but adequate quarters were made available in the custom-house, where the mint is now located, and the large old mint building was turned over to another Government activity.

The Boise assay office is soon to occupy quarters specially arranged for it in a new Federal building, and the old building, set in a park a block square, will be turned over to the Forest Service.

New Design Coin

A new design for the quarter dollar was authorized by the act of March 4, 1931, as an incident of the bicentennial celebration of the birth of George Washington. A portrait head of Washington is the principal feature of the design, which is by the sculptor John Flanagan. On the reverse is an eagle with wings spread, standing on a bundle of arrows; beneath, two sprays of olive are shown. Inscriptions are those required by law to be on coins.

Washington Bicentennial Medal

The Washington bicentennial medal authorized in the congressional act of February 23, 1931, providing for commemorating the two-hundredth anniversary of the birth of George Washington, was executed at the Philadelphia Mint. The portrait bust of George Washington is in military uniform, and a shield bearing his coat of arms separates the years 1732–1932. On the reverse appears a full-

length figure symbolizing Liberty, standing on the prow of the Ship of State, with arms outstretched, in the right hand a torch and in the left a sword; above is an eagle with wings spread, and 13 stars scattered in the field. The inscription on the obverse is "Washington"; on the reverse, "Proclaim liberty throughout all the land." The design is by Laura Gardin Fraser, sculptor.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1932, the estimated stock of domestic coin in the United States was $2,765,212,687, of which $1,793,828,454 was gold, $540,007,911 standard silver dollars, $304,882,996 subsidiary silver coin, and $126,493,326 minor coin.

The stock of gold bullion in the mints, assay offices, and Federal reserve banks on the same date was valued at $2,124,767,363, a decrease during the year of $1,132,720,046; the stock of silver bullion was 21,721,223.09 fine ounces, an increase of 5,397,519.59 fine ounces.

Production of Gold and Silver

Domestic gold production during the calendar year 1931 was $49,527,200, as compared with $47,247,600 in 1930. The output was about 49 per cent of that for the record year 1915, when the total was $101,035,700.

Silver of domestic production during 1931 totaled 30,932,050 ounces, valued at $8,970,294; this compares with 50,748,127 ounces, valued at $19,538,029, for 1930, and with the record production of 1915, 74,961,075 fine ounces, valued at $37,397,300.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1931 is estimated at $29,157,865, of which $5,930,780 was new material.

Silver used in the arts is estimated at 33,682,119 fine ounces, of which 24,335,838 fine ounces was new material.

As compared with the prior year, silver consumption was about 2,700,000 ounces less and gold consumption about $13,500,000 less.

Import and Export of Domestic Gold Coin

The net import of domestic gold coin during the fiscal year ended June 30, 1932, according to statistics compiled by the Bureau of Foreign and Domestic Commerce, was $32,675,722; during the prior fiscal year there was net import of $213,742,550. During the 18 fiscal years 1915–1932, since the opening of the World War, there has been a net export of $776,210,798. Since 1870 the net export of domestic gold coin has been $1,653,859,862, as per tabulation by fiscal years, which may be found in another section of this volume.

Appropriations, Expenses, and Income

Appropriations available for mint service during the fiscal year 1932 totaled $1,731,920, and reimbursements to appropriations for services rendered amounted to $102,324.15, making a total of $1,834,244.15.

Expenses amounted to $1,552,048.70, of which $1,543,209.26 was chargeable to appropriations and $8,839.44 chargeable to income.

The income realized by the Treasury from the mint service aggregated $1,010,838.26, of which $402,421.54 was seigniorage. The seigniorage on subsidiary silver coin was $276,133.38; on nickel coin, $27,822.44; and on bronze coin, $98,465.72.

Deposits of Gold and Silver, Income, Expenses, and Employees, by Institutions, Fiscal Year 1932

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1932, and the number of employees on June 30, 1932, at each institution are shown in the following table:

Institution	Number of deposits of gold and silver	Number of mint service transfers	Coinage value of gold and silver received	Gross income	Gross expense	Excess of income (+) or of expense (−)	Employees June 30, 1932
Philadelphia	12,399	490	$14,332,531.19	$452,956.36	$615,096.24	−$162,139.88	248
San Francisco	15,899	1,317	222,634,088.19	196,399.31	246,390.37	−49,991.06	95
Denver	3,811	96	14,848,348.28	98,873.28	195,399.04	−96,525.76	79
New York	15,105	131	174,970,737.47	253,944.67	382,449.85	−128,505.18	113
New Orleans	704	.....	463,770.31	1,220.86	13,619.65	−12,398.79	5
Carson City	612	.....	173,778.42	809.68	6,298.74	−5,489.06	3
Boise	668	.....	253,340.89	1,563.21	7,976.86	−6,413.65	4
Helena	556	.....	137,434.85	1,319.79	6,722.62	−5,402.83	3
Seattle	2,228	.....	10,310,558.67	4,991.27	33,447.73	−28,456.46	9
Salt Lake City	89	.....	30,446.43	578.86	4,401.37	−3,822.51	2
Total	52,071	2,034	438,155,534.70	1,012,657.29	1,511,802.47	−499,145.18	561
Bureau of the Mint	.....	.....	.....	.....	42,065.26	−42,065.26	13
Grand total	52,071	2,034	438,155,534.70	1,012,657.29	1,553,867.73	−541,210.44	574
Prior fiscal year	34,807	1,291	236,072,559.17	1,633,157.17	1,567,330.73	+65,826.44	612

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1932, follow:

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Double eagles	$80,800,000	.....	.....	$80,800,000	4,040,000
Eagles	30,215,000	.....	.....	30,215,000	3,021,500
Total gold	111,015,000	.....	.....	111,015,000	7,061,500
Quarter dollars	404,000	.....	.....	404,000	1,616,000
Dimes	93,000	$180,000	$126,000	399,000	3,990,000
Total silver	497,000	180,000	126,000	803,000	5,606,000
5-cent nickels	.....	50,300	.....	50,300	1,006,000
1-cent bronze	75,620	660	55,000	131,280	13,128,000
Total minor	75,620	50,960	55,000	181,580	14,134,000
Total coinage, value	111,587,620	230,960	181,000	111,999,580	26,801,500
Prior year:					
Total coinage, value	1,058,840	3,261,470	2,294,800	6,615,110	.....
Total coinage, pieces	70,020,000	11,630,000	16,586,500	.....	98,236,500

Coinage by the United States for Other Countries

The coinage (by the United States mint at Philadelphia) for other countries during the same period totaled 9,532,316 pieces, as compared with 2,355,120 during the prior year, as follows:

Country and denomination	Gold	Silver	Nickel
	Pieces	*Pieces*	*Pieces*
Panama:			
1 balboa		200,020	
One-fourth balboa		48,000	
One-tenth balboa		200,000	
Honduras:			
1 lempira		850,000	
50 centavo		500,000	
20 centavo		1,000,000	
10 centavo			1,000,000
5 centavo			2,000,000
Cuba:			
1 peso		3,550,000	
20 centavo		184,296	
Total pieces		6,532,316	3,000,000
Previous fiscal year	500,000	1,855,120	

Issue of Fine Gold Bars for Gold Coin and Gold Bullion

(On value basis; see p. 62)

The value of the fine gold bars issued in exchange for gold coin and bullion monthly by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1932, was as follows:

FINE GOLD BARS ISSUED IN EXCHANGE FOR GOLD COIN OR OTHER GOLD ASSETS THAN BULLION

Month	Philadelphia	San Francisco	Denver	New York	Total
1931					
July	$20,302.54	$10,021.75	$5,001.47	$665,670.26	$700,996.02
August	25,309.57	5,003.22		1,885,263.41	1,915,576.20
September	59,196.40	15,205.72		1,676,186.16	1,750,588.28
October	25,146.00	10,016.68		1,962,979.35	1,998,142.03
November	35,353.03	10,023.05		2,518,200.96	2,563,577.04
December	40,355.72			1,183,367.85	1,223,723.57
1932					
January	30,157.35	5,008.37		1,003,284.13	1,038,449.85
February	35,442.79	10,018.50		1,114,875.84	1,160,337.13
March	25,212.58	10,016.02		1,076,643.95	1,111,872.55
April	25,286.01	25,400.27		991,958.73	1,042,645.01
May	49,485.28	29,496.51		1,191,836.71	1,270,818.50
June	76,010.31	80,241.59		1,317,192.37	1,473,444.27
Total	447,257.58	210,451.68	5,001.47	16,587,459.72	17,280,170.45
Prior fiscal year	566,179.34	145,403.59	10,002.31	78,028,125.46	78,749,710.70

FINE GOLD BARS ISSUED IN EXCHANGE FOR GOLD BULLION

1931					
July	$42,165.87	$2,088.07	$7,209.12	$81,745.41	$133,208.47
August	27,504.12	2,556.00	3,215.50	59,103.27	92,378.89
September	27,616.58	2,550.45	7,252.10	62,795.68	100,214.81
October	49,554.53	3,122.05	5,977.04	87,628.10	146,281.72
November	44,525.54	4,309.87	6,121.35	90,610.07	145,566.83
December	44,762.14	2,816.24	9,259.54	101,704.87	158,542.49
1932					
January	39,612.07	2,280.31	7,101.59	90,910.54	139,904.51
February	35,407.98	2,197.66	5,547.29	71,480.04	114,632.97
March	32,244.40	2,971.82	7,245.89	64,076.86	106,538.97
April	44,300.29	1,813.07	6,475.65	58,162.97	110,751.98
May	50,209.28	3,451.66	10,085.39	71,216.04	134,962.37
June	35,948.51		5,863.37	74,441.15	116,253.03
Total	473,851.31	30,157.20	81,353.83	913,874.70	1,499,237.04
Prior fiscal year	550,125.39	62,631.87	99,609.47	1,421,743.25	2,134,109.98

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1932, and balances on hand June 30, 1932, as compared with June 30, 1931, are shown in the following table:

(On value basis; see p. 62)

Institution	Balance on June 30, 1931	Receipts during fiscal year 1932 (details below) [1]	Total	Disbursements during fiscal year 1932 (details below) [1]	Balance on hand June 30, 1932
Philadelphia	$451,635,707.84	$8,451,983.70	$460,087,691.54	$111,958,566.62	$348,129,124.92
San Francisco	707,437,794.80	215,810,450.05	923,248,244.85	249,801.85	922,998,443.00
Denver	143,988,937.41	13,786,443.16	157,775,380.57	86,355.30	157,689,025.27
New York	1,595,305,437.48	168,215,610.70	1,763,519,048.18	1,204,136,870.98	559,382,177.20
New Orleans	35,502.58	443,067.08	478,569.66	316,863.22	161,706.44
Carson City	13,629.83	151,147.45	164,777.28	146,663.07	18,114.21
Boise	20,633.55	245,899.31	266,532.86	215,612.10	50,920.76
Helena	12,341.08	135,231.11	147,572.19	127,719.50	19,852.69
Seattle	549,465.03	10,259,518.69	10,808,983.72	9,971,697.85	837,285.87
Salt Lake City	20,642.75	29,061.26	49,704.01	29,414.24	20,289.77
Total	2,899,018,092.35	417,528,412.51	3,316,546,504.86	1,327,239,564.73	1,989,306,940.13

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including United States uncurrent coin)	Surplus bullion recovered (including shipment gains)	Transfers from mints and assay offices	Total
Philadelphia	$7,574,646.31	$1,998.17	$875,339.22	$8,451,983.70
San Francisco	205,410,282.65	32,645.78	10,367,521.62	215,810,450.05
Denver	13,337,059.08	3,767.77	445,616.31	13,786,443.16
New York	168,212,011.34	3,599.36	----------	168,215,610.70
New Orleans	442,650.32	210.04	206.72	443,067.08
Carson City	151,101.70	45.75	----------	151,147.45
Boise	245,562.45	336.86	----------	245,899.31
Helena	134,784.57	343.18	103.36	135,231.11
Seattle	10,258,238.41	866.84	413.44	10,259,518.69
Salt Lake City	29,030.01	31.25	----------	29,061.26
Total	405,795,366.84	43,845.00	11,689,200.67	417,528,412.51

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and unparted bars paid to depositors and issued in exchange for coin or other gold assets	Transfers to mints and assay offices	Sold in sweeps, manufactures, etc., and operating losses	Manufactured into domestic coin	Total
Philadelphia	$923,877.41	$5,891.47	$13,797.74	$111,015,000.00	$111,958,566.62
San Francisco	240,608.88	----------	9,192.97	----------	249,801.85
Denver	86,355.30	----------	----------	----------	86,355.30
New York	1,203,260,942.65	875,339.22	589.11	----------	1,204,136,870.98
New Orleans	----------	316,863.22	----------	----------	316,863.22
Carson City	----------	146,663.07	----------	----------	146,663.07
Boise	----------	215,612.10	----------	----------	215,612.10
Helena	----------	127,719.50	----------	----------	127,719.50
Seattle	----------	9,971,697.85	----------	----------	9,971,697.85
Salt Lake City	----------	29,414.24	----------	----------	29,414.24
Total	1,204,511,784.24	11,689,200.67	23,579.82	111,015,000.00	1,327,239,564.73

[1] Includes transfers.

Purchase of Minor Coinage Metal

No metals for manufacture of minor coins were purchased during the fiscal year 1932.

Minor-Coin Distribution Costs

The minor-coinage distribution costs paid during the fiscal year 1932 from the profits on minor coinage amounted to $8,711.70, as follows:

Transportation	$8,703.61
Insurance	8.09
Total	8,711.70

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1932. Minor coins were first manufactured at the Philadelphia Mint in 1793; at the San Francisco Mint in 1908; at the Denver Mint in 1911.

Item	Coined	On hand at mints, unissued	Issued	Melted	Amount issued and outstanding June 30, 1932
Philadelphia mint:					
Copper half cents [1]	$39,926.11		$39,926.11	$0.64	$39,925.47
Copper cents	1,562,887.44		1,562,887.44	383,121.72	1,179,765.72
Copper-nickel cents	2,007,720.00		2,007,720.00	808,650.36	1,199,069.64
Bronze cents	47,351,696.83	$708,983.63	46,642,713.20	1,208,418.36	45,434,294.84
Bronze 2 cents	912,020.00		912,020.00	343,358.28	568,661.72
Nickel 3 cents	941,349.48		941,349.48	287,175.04	654,174.44
Nickel 5 cents	68,191,573.10	1,189,904.45	67,001,668.65	7,282,526.35	59,719,142.30
Total	121,007,172.96	1,898,888.08	119,108,284.88	10,313,250.75	108,795,034.13
San Francisco Mint:					
Bronze cents	4,825,380.00	341,180.00	4,484,200.00	30,930.32	4,453,269.68
Nickel 5 cents	4,389,450.00	761,250.00	3,628,200.00	211,639.54	3,416,560.46
Total	9,214,830.00	1,102,430.00	8,112,400.00	242,569.86	7,869,830.14
Denver Mint:					
Bronze cents	5,179,000.00	173,002.40	5,005,997.60	30,035.35	4,975,962.25
Nickel 5 cents	5,718,015.00	176,380.00	5,541,635.00	398,194.30	5,143,440.70
Total	10,897,015.00	349,382.40	10,547,632.60	428,229.65	10,119,402.95
Grand total	141,119,017.96	3,350,700.48	137,768,317.48	10,984,050.26	126,784,267.22
Deduct $5.05 copper cents, $20.02 bronze 2-cent pieces, and $96.21 nickel 3-cent pieces melted at San Francisco Mint, coined at Philadelphia Mint				$121.28	
Deduct $12.32 bronze 2-cent pieces and $1.38 nickel 3-cent pieces melted at Denver Mint, coined at Philadelphia Mint				13.70	
					134.98
Total amount outstanding					126,784,132.24

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Operations of the Assay Departments

The principal work of the assay departments of the coinage mints and the assay office at New York during the fiscal year 1932 is summarized as follows (number of items):

Items	Philadelphia			San Francisco		
	Samples	Assays	Reports	Samples	Assays	Reports
Deposits	21,686	74,675	9,379	38,706	130,947	16,374
Redeposits				1,946	4,242	716
Gold coinage ingots	5,698	7,276	2,000			
Silver coinage ingots	712	727	356	134	194	66
Standard silver bars	1,032	1,059	516			
Refinery				5,029	9,203	1,457
Melting and refining department	76	208	45			
Coining department	44	92	22	47	102	43
Assayer's bars				67	256	22
Proof gold and silver	19	154	10			
Annual assay commission coin test	39	49	39			
Special assays of bullion	43	159	42	38	279	38
Silver bars and ingots for foreign coinage	6,041	6,469	4,420			
Mass melts	522	1,657	126	402	1,350	96
Sweeps	9	94	9	11	102	11
Miscellaneous	415	611	260	411	494	207
Total	36,336	93,230	17,224	46,791	147,169	19,030

Items	Denver			New York		
	Samples	Assays	Reports	Samples	Assays	Reports
Deposits	10,582	44,797	3,930	39,061	123,174	15,342
Redeposits	274	968	94			
Refinery	1,679	4,160	531	853	1,898	276
Melting and refining department	398	1,463	206			
Assayer's bars	33	96	16			
Special assays of bullion				298	1,188	150
Mass melts				471	1,443	106
Sweeps	9	159	9	40	355	14
Miscellaneous	45	182	37	303	2,489	176
Total	13,220	51,825	4,832	41,026	130,547	16,064

Proof Bullion (1.000 Fine)

In order to establish uniformity in assay of bullion in the offices of the mint service all proof gold and proof silver is made at the mint at Philadelphia and furnished to other offices when required.

The amount so furnished during the fiscal year 1932 was: Gold, 285 ounces; silver, 100 ounces.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1932

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1932, was 48,200,000 fine ounces of gold and 25,000,000 fine ounces of silver. There were also operated upon at the coinage mints 6,700,000 ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 3542, Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ozs.	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*	*Fine ozs.*
Philadelphia mint:							
Melting and refining	11,872,099	11,871,938	12,179,441	11,872		161	0.0132
Coining	11,692,052	11,691,999	11,629,138	5,846		53	.0046
San Francisco mint:							
Melting and refining	12,739,575	12,741,069	11,287,095	12,739	1,494		
Coining	14	29			15		
Denver mint:							
Melting and refining	2,478,879	2,479,047	689,939	2,478	168		
Coining	5	5					
New York assay office:							
Melting and refining	14,741,176	14,741,288	12,421,074	14,741	112		
Total melting and refining	41,831,729	41,833,342	36,577,549	41,830	1,774	161	.0044
Total coining	11,692,071	11,692,033	11,629,138	5,846	15	53	.0046
Grand total	53,523,800	53,525,375	48,206,687	47,676	1,789	214	.0044

SILVER BULLION

Philadelphia mint:							
Melting and refining	15,000,042	14,999,314	10,069,238	22,500		728	0.0723
Coining	7,344,789	7,343,871	6,941,240	7,344		918	.1323
San Francisco mint:							
Melting and refining	3,527,427	3,523,919	2,439,089	5,291		3,508	1.4382
Coining	399,302	399,311	213,055	399	9		
Denver mint:							
Melting and refining	4,910,728	4,911,915	1,634,663	7,366	1,187		
Coining	238,475	238,491	145,242	238	16		
New York assay office:							
Melting and refining	4,775,325	4,775,378	3,599,651	7,163	53		
Total melting and refining	28,213,522	28,210,526	17,742,641	42,320	1,240	4,236	.2387
Total coining	7,982,566	7,981,673	7,299,537	7,981	25	918	.1258
Grand total	36,196,088	36,192,199	25,042,178	50,301	1,265	5,154	.2058

NICKEL COINAGE METAL

					Gross ozs.	Gross ozs.	
Philadelphia mint:	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*	*Gross ozs.*			*Gross ozs.*
Melting and refining	3,250,010	3,244,451	1,690,165			5,559	3.2890
Coining	5,474,971	5,474,971	955,246				
San Francisco mint:							
Melting and refining	1,503,496	1,503,003	343,060			493	1.4371
Coining	246,668	246,413	246,551			255	1.0343
Denver mint:							
Melting and refining	1,058,198	1,058,015	148,644			183	1.2311
Coining	729,178	729,178					
Total melting and refining	5,811,704	5,805,469	2,181,869			6,235	2.8576
Total coining	6,450,817	6,450,562	1,201,797			255	.2122
Grand total	12,262,521	12,256,031	3,383,666			6,490	1.9180

BRONZE COINAGE METAL

Philadelphia mint:							
Melting and refining	6,218,050	6,213,345	1,212,660			4,705	3.8799
Coining	8,389,580	8,389,580	673,712				
San Francisco mint:							
Melting and refining	1,385,374	1,385,374					
Coining	6,917	6,917					
Denver mint:							
Melting and refining	908,831	908,069	703,378			762	1.0833
Coining	798,649	797,895	751,433			754	1.0034
Total melting and refining	8,572,255	8,566,788	1,916,038			5,467	2.8533
Total coining	9,195,146	9,194,392	1,425,145			754	.5291
Grand total	17,767,401	17,761,180	3,341,183			6,221	1.8619

Ingot Melts Made

The following statement shows, for the fiscal year 1932, the number of melts made for coinage or medal ingots, and the weight of metal involved.

Items	Number of melts			Weight of metal		
	Passed first melting	Remelted	Condemned	Melted	Passed	Per cent passed
Gold: Philadelphia mint	1,865	30	5	*Fine ounces* 11,920,320	*Fine ounces* 11,249,202	94.37
Silver:						
Philadelphia mint	1,886	4		7,361,609	7,158,893	97.25
San Francisco mint	65		1	263,963	255,789	96.90
Denver mint	54	6	1	251,284	212,231	84.46
Total	2,005	10	2	7,876,856	7,626,913	96.83
Nickel:						
Philadelphia mint	606			1,693,546	1,643,160	97.02
San Francisco mint	76			247,045	246,552	99.80
Denver mint	44			148,644	143,457	96.51
Total	726			2,089,235	2,033,169	97.32
Bronze:						
Philadelphia mint	363			1,214,388	1,175,592	96.81
Denver mint	202			703,378	685,505	97.46
Total	565			1,917,766	1,861,097	97.05

Refining Operations

The net product of electrolytically refined gold and silver of the mint service during the fiscal year 1932 was 3,457,624.986 fine ounces; other electrolytic output included the equivalent of the refined metals used for aiding the processes, 231,012.232 fine ounces; the product of melting operations (only) totaled 2,821,103.742 fine ounces, making the total output of the refineries 6,509,740.960 fine ounces. Details are shown in the following table:

Item	San Francisco		Denver	
	Gold	Silver	Gold	Silver
Bullion placed in processes:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Crude, with charges	1,130,571.775	1,247,289.17	459,615.201	598,960.43
Crude, without charges	3,009.289	696.76	14,753.598	1,398.46
0.999 and over (fire process only)	1,131,228.314			
0.992 and over, required to aid processes	62,641.273	8,143.97	68,969.049	91,257.94
Re-treated, unrefined	49,950.152	68,976.90	132,527.882	100,899.00
Apparent gain	895.631		158.477	1,255.40
Total	2,378,596.434	1,325,106.80	676,024.207	792,871.23
Bullion obtained from processes:				
Output 0.999+fine—				
Electrolytic product	1,133,427.093	1,243,832.78	468,810.503	611,554.61
Used to aid processes	62,641.273	8,143.97	68,969.049	91,257.94
Other product	1,131,528.314			
Unrefined	50,999.754	68,594.93	138,244.655	90,058.68
Apparent loss		4,535.12		
Total	2,378,596.434	1,325,106.80	676,024.207	792,871.23

Item	New York		Total	
	Gold	Silver	Gold	Silver
Bullion placed in processes:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Crude, with charges	250,464.221	80,508.77	1,840,651.197	1,925,918.37
Crude, without charges	10,959.014	3,594.57	28,721.901	5,689.79
0.999 and over (fire process only)	1,356,428.260	190,962.22	2,487,953.574	190,962.22
0.992 and over, required to aid processes			131,610.322	99,401.91
Copper base (for bar making only) 0.900 standard, etc.	143,459.147		143,459.147	
Re-treated, unrefined			182,478.034	169,875.90
Apparent gain	87.473	25.64	1,141.581	1,281.04
Total	1,761,395.115	275,151.20	4,816,015.756	2,393,129.23
Bullion obtained from processes:				
Output 0.999+fine—				
Electrolytic product			1,602,237.596	1,855,387.39
Used to aid processes			131,610.322	99,401.91
Other product	1,498,980.358	190,595.07	2,630,508.672	190,595.07
Unrefined	262,414.757	84,556.13	451,659.166	243,209.74
Apparent loss				4,535.12
Total	1,761,395.115	275,151.20	4,816,015.756	2,393,129.23

Fineness of Melts for Gold and Silver Ingots

The statement following shows the number of approved gold and silver ingot melts made, also their reported finenesses, during the fiscal year 1932:

Gold ingot melts for United States coin		Silver ingot melts					
		For United States coin				For foreign coin	
Ingot fineness	Philadelphia	Ingot fineness	Philadelphia	San Francisco	Denver	Ingot fineness	Philadelphia
899.6	9	898.50	14			Panama	
899.7	114	898.60		5			
899.8	423	898.70			8		
899.9	556	898.75	2				
900.0	591	898.80		10	7		
900.1	136	898.90			8	900	64
900.2	35	899.00	224		12		
900.3	1	899.10		26	11		
		899.20			7	Honduras	
		899.25	76				
		899.30		12	1	900	146
		899.40			1		
		899.50	29	8	2		
		899.60			1	Cuba	
		899.75	4				
		899.80		2		900	1,324
		900.00	1	1			
		900.40		1			
	1,865		350	65	58		1,534

Commercial and certificate bars manufactured

[On value basis, see p. 62]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	2,215	50,589.147	$1,045,770.48	47	9,648.97
San Francisco	10,816	10,127,973.368	209,363,790.50	2,432	838,596.17
Denver	963	473,118.750	9,780,232.56	50	1,968.05
New York	47,096	6,704,736.251	138,599,198.77	2,440	788,823.45
Total	61,090	17,356,417.516	358,788,992.31	4,969	1,639,036.64

Ingots operated upon by coining departments and percentages of good coin produced to amounts operated upon

Item	Philadelphia	San Francisco	Denver	Total
DOMESTIC COINAGE				
Gold:				
Ingots operated upon (fine ounces)	11,629,138			11,629,138
Percentage of good coin produced	46.18			46.18
Silver subsidiary:				
Ingots operated upon	605,712	213,055	145,242	964,009
Percentage of good coin produced	59.35	66.94	62.71	61.53
Nickel:				
Ingots operated upon (gross ounces)		246,552		246,552
Percentage of good coin produced		69.33		69.33
Bronze:				
Ingots operated upon	673,712		751,433	1,425,145
Percentage of good coin produced	62.87		73.19	68.32
FOREIGN COINAGE				
Silver:				
Ingots operated upon (fine ounces)	6,335,528			6,335,528
Percentage of good coin produced	53.99			53.99
Nickel:				
Ingots operated upon	955,246			955,246
Percentage of good coin produced	57.21			57.21

Percentages of good coin produced to pieces struck

Item	Philadelphia	San Francisco	Denver	Total
DOMESTIC COINAGE				
Gold:				
Blanks struck (number)	7,470,442			7,470,442
Percentage of good coin produced	94.53			94.53
Silver subsidiary:				
Blanks struck	2,698,821	1,809,752	1,260,683	5,769,256
Percentage of good coin produced	98.42	99.46	99.94	99.08
Nickel:				
Blanks struck		1,010,843		1,010,843
Percentage of good coin produced		99.52		99.52
Bronze:				
Blanks struck	7,592,714		5,506,799	13,099,513
Percentage of good coin produced	99.60		99.87	99.71
FOREIGN COINAGE				
Silver:				
Blanks struck	6,905,004			6,905,004
Percentage of good coin produced	94.61			94.61
Nickel:				
Blanks struck	3,032,420			3,032,420
Percentage of good coin produced	98.94			98.94

Sweeps cellar operations, fiscal year 1932 (including crushed discarded melting pots, etc.)

Source	Institution	Material, quantity		Metal content			
				Bars recovered		Tailings	
		Bags	Net avoirdupois pounds	Gold	Silver	Gold	Silver
				Ounces	*Ounces*	*Ounces*	*Ounces*
Melting department	Philadelphia	62	12,356			299.111	380.46
Do	San Francisco	36	2,541	27.620	37.33	7.940	37.28
Refinery	do	416	27,442	871.959	1,177.93	473.492	1,016.13
Do	Denver	258	25,754			104.682	697.00
Do	New York	96	8,235			62.807	332.85
Deposits division	do	450	26,137			780.582	496.51
Do	San Francisco	14	943			13.484	33.64
Do	Denver	293	26,971			221.432	340.78
Total		1,625	130,379	899.579	1,215.26	1,963.530	3,334.65

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1932 amounted to $122,431.44, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations		$31, 200. 21	$4, 105. 54	$2, 336. 17		$37, 641. 92
Recovered incident to receipt of bullion deposits	$2, 014. 74	1, 785. 18	287. 48	16, 490. 79	$1, 508. 69	22, 086. 88
Net gains on shipments to Government refineries					375. 05	375. 05
Gains on light weight and mutilated coins purchased for recoinage	1, 142. 42	401. 93	113. 13	156. 63		1, 814. 11
Receipts from sale of by-products		15, 615. 53	230. 15	51, 700. 00		67, 545. 68
Total gains	3, 157. 16	49, 002. 85	4, 736. 30	70, 683. 59	1, 883. 74	129, 463. 64
Wasted in refining and coining operations	5, 184. 00	1, 700. 16				6, 884. 16
Loss on assay value of operative sweeps sold				148. 04		148. 04
Total losses	5, 184. 00	1, 700. 16		148. 04		7, 032. 20
Net gains	[1] 2,026.84	47, 302. 69	4, 736. 30	70, 535. 55	1, 883. 74	122, 431. 44

[1] Net loss.

Wastage of Coinage Metal, and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1932, was $7,072.51. A loss of $148.04 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the table following:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Gold wastage:					
Melting and refining department	$3, 324. 07				$3, 324. 07
Coining department	1, 091. 83				1, 091. 83
Silver wastage:					
Melting and refining department	339. 62	$1, 700. 16			2, 039. 78
Coining department	428. 48				428. 48
Nickel wastage:					
Melting and refining department	119. 28	7. 33	$2. 28		128. 89
Coining department		3. 78			3. 78
Bronze wastage:					
Melting and refining department	41. 18		7. 29		48. 47
Coining department			7. 21		7. 21
Loss on sale of sweeps				$148. 04	148. 04
Total wastage and loss	5, 344. 46	1, 711. 27	16. 78	148. 04	7, 220. 55
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	99. 85	11. 11	16. 78		127. 74
Silver departmental wastages offset by other departmental surpluses		1, 700. 16			1, 700. 16
Other wastages and loss on sweeps, from appropriations	5, 244. 61			148. 04	5, 392. 65
Total reimbursements	5, 344. 46	1, 711. 27	16. 78	148. 04	7, 220. 55

Engraving Department

The engraving department (at the Philadelphia mint) made 581 working dies for domestic coinage during the fiscal year ended June 30, 1932 Master dies, hubs, and working dies were made for domestic, Philippine, Honduras, Panama, Cuba, and China coinage; and for the Post Office, War and Navy Departments, as well as for medals of a national character.

Other work included the manufacture of special tools, and application of chromium plating to 280 coinage dies, collars, and other machine parts.

Dies manufactured

Item	Issued to mint at—				Total
	Philadelphia	San Francisco	Denver	Manila, P. I.	
Domestic coinage:					
Gold	207				207
Silver	127	55	22		204
Minor	45	50	25		120
Unused	116				116
Philippine coinage				88	88
Unused Philippine	4				4
China	96				96
Cuba	50				50
Panama	15				15
Honduras	125				125
Total coinage, working dies	785	105	47	88	1,025
Master dies, hubs, and transfers from models manufactured for—					
United States coin					37
Philippine coinage					4
Cuba coinage					4
China coinage					43
Honduras coinage					34
Panama coinage					6
Other dies, hubs and transfers from models manufactured for—					
Medals and medalets					48
Military badges and insignia					70
Stamped envelope embossing dies					353
Grand total					1,624

Medals Sold

Sales during the fiscal year 1932, of medals manufactured at the Philadelphia mint included—

Item	Pieces	Value
Gold medals	124	$5,916.34
Silver medals	1,276	2,292.85
Bronze medals	42,942	11,358.79
Total	44,342	19,567.98

Employees

The total number of officers and employees of the mint service on June 30, 1932, was as follows:

Institution	Established under act of—	Employees by departments					Total	
		General	Engraving	Assaying	Coining	Melting and refining	June 30, 1931	June 30, 1930
Bureau of the Mint	Feb. 12, 1873	10		3			13	13
Philadelphia Mint	Apr. 2, 1792	104	9	10	91	34	248	272
San Francisco Mint	July 3, 1852	49		10	11	25	95	101
Denver Mint	Apr. 21, 1862	37		6	16	20	79	79
New York assay office	Mar. 3, 1853	64		17		32	113	117
New Orleans Mint [1]	Mar. 3, 1835	5					5	7
Carson City Mint [1]	Mar. 3, 1863	3					3	3
Boise assay office	Feb. 19, 1869	4					4	4
Helena assay office	May 12, 1874	3					3	3
Seattle assay office	May 21, 1898	9					9	11
Salt Lake City assay office	May 30, 1908	2					2	2
Total, 1932		290	9	46	118	111	574	
Total, 1931		301	9	47	133	122		612

[1] Conducted as assay offices.

Work of the Minor Assay Offices

The following tables exhibit the principal work of the minor assay offices during the fiscal year 1932.

Item	New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City
Deposits received, number	704	612	668	556	2,228	89
Fineness average, gold, thousandths	360	293	644	616	852	412
Fineness average, silver, do	251	656	289	150	113	329
Weight before melting, ounces	60,328	25,594	19,387	11,112	583,470	3,515
Weight after melting, do	59,447	24,929	18,459	10,602	580,371	3,410
Loss in melting, do	881	665	927	510	3,099	105
Loss in melting, per cent	1.46	2.59	4.78	4.60	0.53	2.99
Melts of bullion, number	710	612	668	561	2,321	91
Mass melts of bullion, do	42	17	14	12	99	1
Quartation silver made, ounces	4	1	4	4	4	
Melts of assayer's clips, do	2	4	2	12	51	1
Value of deposits, gold, dollars	442,702	151,147	245,562	135,128	10,219,416	29,030
Value of deposits, silver, at cost, do	4,270	4,651	1,520	455	18,932	285
Bullion shipped, gross ounces	39,662	24,786	16,126	10,044	566,495	20,189
Value of gold shipped, dollars	316,863	146,663	215,408	127,719	9,971,595	20,083
Value, cost, of silver shipped, do	3,003	4,693	1,321	476	18,534	361
Quartation silver made, ounces	31	36	38	30	166	
Quartation silver used, do	36	36	35	10	184	10
Proof gold received, do	10			5	20	
Proof gold used, do	6.5	2.3	1.2	1.2	12.3	2
Proof silver received, do		25				
Proof silver used, do	1.5	35	1			5
Cupels made, number	6,150	2,109		3,000	18,800	1,000
Cupels used, do	5,200	2,779	2,302	3,022	18,160	750
Crucibles used, do	32	16	29	33	172	10

Assays made

Institution	On bullion deposits			On miscellaneous mint service metal			On nonmint bullion and ores			
	Samples	Assays	Reports	Samples	Assays	Reports	Samples	Assays	Reports	Metals determined in ores tested
New Orleans	1,448	4,344	710	176	528	88	160	198	160	Gold and silver.
Carson City	1,224	2,156	612	59	188	612	104	137	60	Gold, silver, copper, lead.
Boise	1,009	1,848	668	70	180	21	381	502	381	Gold and silver.
Helena	1,120	2,284	595	80	160	28	98	106	98	Do.
Seattle	5,972	13,370	2,221	622	1,208	163	50	136	50	Gold, silver, copper, lead, zinc.
Salt Lake City	90	9,000	89				375	434	303	Gold and silver.

Gold Receipts at Seattle

The following is a statement of gold deposits at the Seattle assay office from the opening of the institution on July 15, 1898, to the close of business June 30, 1932:

Number of deposits	83,916
Troy ounces	20,024,285.24
Avoirdupois tons	686.5
Total value	$343,863,492.69

ORIGIN OF DEPOSITS

Alaska:	
Circle	$1,158,089.60
Cook Inlet	7,225,942.23
Copper River	7,064,510.89
Eagle	1,416,705.70
Iditarod	18,071,824.65
Koyukuk	2,333,537.02
Kuskokwin	1,611,518.31
Nome	80,454,448.36
Southeastern Alaska	26,998,759.89
Tanana	61,419,921.60
Unclassified	2,767,506.28
Total	210,522,764.53
British Columbia	25,527,499.66
Yukon Territory	94,569,855.56
All other sources	13,243,372.94
Grand total	343,863,492.69

Laboratory, Bureau of the Mint

From the domestic coinage of the calendar year 1931 the assayer of this bureau examined and tested 76 gold coins and 78 silver coins, all of which were found within the legal requirements as to weight and fineness.

The following table summarizes results of fineness tests on domestic coins, the limit of tolerance being one one-thousandth above or below 900 thousandths for gold coins and three one-thousandths above or below 900 thousandths for silver coins.

Fineness (thousandths)	Gold coins			Silver coins			
	Philadelphia	Denver	Total	Philadelphia	San Francisco	Denver	Total
898.6				2			2
899.0				2	7	2	11
899.1						1	1
899.2				2	1	1	4
899.3				4	6	1	11
899.4						2	2
899.5				1	7	4	12
899.6	2		2	1	2	1	4
899.7	16		16	3	3	4	10
899.8	18		18				
899.9	17	3	20		4		4
900.0	12	4	16	1	4	2	7
900.1	2	1	3		1		1
900.2	1		1		2	2	4
900.3				2			2
900.4					3		3
Total	68	8	76	18	40	20	78
Average fineness	899.845	899.975	899.839	899.422	899.633	899.56	899.55

Average weights of domestic coins tested as compared with standard weights

STANDARD WEIGHTS	Grains
Double eagle	516.00
Dime	38.58

COINS TESTED

Philadelphia:	
68 double eagles	516.058
18 dimes	38.611
San Francisco: 40 dimes	38.640
Denver:	
8 double eagles	515.944
20 dimes	38.575

Summary of work of Mint Bureau laboratory

	Number
Gold assays	3,002
Silver assays	394
Miscellaneous assays	134
Total assays	3,530
Certificate bar samples:	
New York (96 melts)	306
San Francisco (51 melts)	408
Denver (15 melts)	45
Miscellaneous samples	19
Counterfeit coins examined	53
Double eagles examined	76
Dimes examined	78
Cupels made	4,807
Cupels used	3,467
	Troy ounces
Proof gold made	4.50
Proof gold used	8.80
Proof silver used	3.85
Inquartation silver used	106.05

Assay Commission's Annual Test of Coin

Section 3547 of the Revised Statutes provides for an annual test of the domestic coinage executed during each calendar year by a commission of whom part are ex officio members, the others being appointed, without compensation, by the President. The purpose is "to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight." The commission, which met at the Philadelphia Mint February 10 and 11, 1932, reported the following results of their examination of the 1931 coinage:

The committee on counting reported that the packages containing the pieces reserved by the several mints for the trial of coins, in accordance with section 3539 of the Revised Statutes, were delivered to us by the superintendent of the mint at Philadelphia; that the packages delivered were compared with the transcripts furnished with them and were found to be correct as to date, number of delivery, and denomination. All packages were then opened, the coins therein counted and found to agree with the number called for in each package.

The verification of the packages containing the reserved coins being completed, the committee on assaying and the committee on weighing selected such coins as were required for their examination. In the reports of those committees will be found an account of the disposition of these coins.

The committee on assaying reported that it had completed the test assays on individual coins and mass melts as selected from the pyx representing the different denominations of coin delivered by the mints during the year 1931. Double eagles was the only denomination coined in gold, and dimes was the only denomination in silver.

The legal allowance in fineness as prescribed by law is one one-thousandth on gold and three one-thousandths on silver. According to the results shown in the following table of extreme variations, the law has been fully complied with.

Highest assays on gold coins:	
Philadelphia Mint	900. 2
Denver Mint	900. 0
Lowest assays on gold coins:	
Philadelphia Mint	899. 7
Denver Mint	899. 8
Highest assays on silver coins:	
Philadelphia Mint	899. 5
San Francisco Mint	900. 0
Denver Mint	899. 5
Lowest assays on silver coins:	
Philadelphia Mint	899. 1
San Francisco Mint	898. 6
Denver Mint	898. 6
Mass melts:	
Gold—	
Philadelphia Mint	899. 8
Denver Mint	900. 1
Silver—	
Philadelphia Mint	899. 3
San Francisco Mint	899. 3
Denver Mint	899. 1

The committee on weighing reported that in accordance with the rules adopted by the assay commission in 1930 the committee received from the committee on assaying the residues of the several parcels of reserved coins, and took therefrom at random such a number of coins of each denomination represented and so distributed by dates of coinage as to be sufficient for the purposes of weighing. Since the major portion of the 1931 total coinage value was in gold double eagles not less than 10 per cent of the number in each parcel of reserved coins were weighed. This procedure resulted in the selection and weighing of 305 double eagles. The remaining 1931 coinage from the three mints consisted of dimes, and either two or three coins were taken at random from each of the parcels of reserved coins. Dimes thus selected and weighed totaled 114.

Each of these coins was weighed to an accuracy of 0.01 grain and the results recorded. The standards used were a set of sealed coin weights and a set of

grain weights, delivered to the commission from the Bureau of Standards, Washington, D. C., under seal and accompanied by certificates signed by the director of the bureau. The weighings were made by the method of substitution on the balance belonging to the Philadelphia Mint and regularly employed for this purpose. This balance was tested before the weighing of the coins was commenced and was found to be accurate and reliable and very well adapted for the work of the committee.

* * * Each coin was well within the deviation allowed by law. Also the average weights of the coins of the two different denominations were very close to the established legal standards.

The deviations from standard of the heaviest and lightest coins encountered of each denomination from each mint, are shown in the following table:

Items	Legal deviation allowed	Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
GOLD COINS							
Double eagle	*Grains* 0.5	*Grains* 0.42	*Grains* 0.30	*Grains*	*Grains*	*Grains* 0.36	*Grains* 0.25
SILVER COINS							
Dime	1.5	.91	.65	0.75	0.48	.70	1.16

After the weighing of the coins above, your committee examined the weight known as the "troy pound of the mint" and compared it with combinations of weights used as working standards of the Philadelphia Mint. The condition of the balance used for these tests and the relative values of the weights were found to be entirely satisfactory.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1932, is respectfully submitted.

R. J. GRANT,
Director of the Mint.

Hon. OGDEN L. MILLS,
Secretary of the Treasury.

PART II

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1931

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1931

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1931 is estimated to have been $49,527,200, and the production of silver is estimated at 30,932,050 fine ounces. A comparison of these figures with those for 1930 indicates $2,279,600 increase in production of gold and approximately 19,800,000 ounces decrease in silver production.

As regards individual States, the outstanding differences in gold production as compared with the prior year are increases by California of nearly $1,500,000, by Alaska of over $1,200,000, and by South Dakota of over $500,000, with a decrease by Utah of over $500,000.

Individual States' material differences in silver production as compared with the prior year include decreases by nearly all States, these amounting to nearly 6,400,000 ounces for Utah, over 4,500,000 ounces for Montana, nearly 2,500,000 ounces for Colorado, nearly 2,300,000 ounces for Idaho, and over 1,800,000 ounces for Nevada.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines and to the Geological Survey, follows. The production figures therein differ as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

Alaska mines in 1931 produced gold valued at $9,507,000 compared with an output of $8,476,000 in 1930.

In 1931 about 49 per cent of the total gold production came from lode mines, compared with 43 per cent in 1930 and 47 per cent in 1929.

The auriferous lode mines in 1931 produced gold valued at $4,665,000 compared with $3,639,000 in 1930.

The value of the placer gold produced in Alaska in 1931 was $4,842,000 compared with an output of $4,837,000 in 1930.

Twenty-eight gold dredges were operated in Alaska in 1931, one more than in 1930. The dredges in 1931 handled about 10,214,000

cubic yards of gravel and produced gold valued at $3,749,000, which is somewhat less than the output of dredges in 1930. The total output of gold dredges in Alaska, including 1931, has been $46,669,000.

The silver production of Alaska in 1931 was 352,000 ounces, valued at $102,000. The auriferous lode mines yielded bullion which contained 129,800 ounces of silver, the copper ores treated contained 193,850 ounces, and bullion from placer mines yielded 28,350 ounces of silver. The value of silver produced in 1930 was $157,300.

In 1931, as in 1930, there was a substantial increase in the output of gold attributable to the completion and operation of large dredging units and improvement in engineering efficiency. The decrease in silver was due to very low prices that prevailed for metals which discouraged large outputs and the undertaking of new enterprises. The world-wide stagnation of business and the accompanying depression seem to have been felt less in Alaska than in most places, and the record in 1931 of a decrease of only about 11 per cent in the value of the mineral output from Alaska compares favorably with similar enterprises in the States. Each year brings more general development of mineral resources throughout the Territory.

ARIZONA

Arizona produced gold in 1931 valued at $2,608,495, a decrease of $893,115 from that of 1930, according to C. N. Gerry, of the United States Bureau of Mines. The larger part of the gold, or $1,211,541, had its source in crude ore smelted, representing a decrease of $912,803 in gold from that source in 1930. Gold in bullion from ore treated by amalgamation was valued at $40,029 and that treated by cyanidation at $700,848, or a total of $740,877, which increased $96,584 over that of 1930; gold in concentrate was valued at $619,157, a decrease of $133,782. The gold from lode mines was derived from the following sources: Copper ore, $1,667,900; dry or siliceous ore, chiefly gold ore, $889,417; lead ore, $28,614; and copper-lead ore, $461. Gold from siliceous gold ore, chiefly from Mohave County, increased somewhat over that of 1930, as a result of continued production from the Tom Reed mine at Oatman. Nearly 64 per cent of the State's gold came from copper ore and most of the remainder from gold ore; placers produced $22,103 in gold, an increase of $9,046 over 1930. No dredges were operated. The largest producers were the Tom Reed, Copper Queen, Calumet and Arizona, New Cornelia, United Verde, Magma, and United Verde Extension mines.

The silver output amounted to 3,245,311 ounces, a decrease of 2,295,421 ounces from the output of 1930. Most of the silver in Arizona is recovered from copper ore, and as there was a decided decrease in the output of copper ore in 1931 there was a corresponding decrease in the output of silver. The sources of silver output were: Copper ore, 2,889,868 ounces; siliceous ore, 233,652 ounces; lead ore, 119,391 ounces; copper-lead ore, 2,243 ounces; and placers, 157 ounces. Most of the silver, or 2,252,563 ounces, was recovered from crude ore smelted, while most of the remainder, or 934,742 ounces, was recovered from concentrates smelted. The largest silver producers were the Calumet and Arizona, Magma, Copper Queen, United Verde, and United Verde Extension mines.

There were 320 mines producing during the year, of which number 68 were placer mines.

CALIFORNIA

The total recoverable gold in ore and gravels treated in California in 1931, according to Victor C. Heikes of the United States Bureau of Mines, was valued at $10,814,162, of which 462 lode mines yielded $6,793,416 and 497 placers (including dredges) $4,020,746. Compared with the gold yield in 1930 this was an increase of $1,363,000, with the lode mines showing the larger increase in output. Of the total gold yield in 1931 lode mining produced 63 per cent and placer mining 37 per cent. Only three counties had a production of gold exceeding $1,000,000 and these, in order of rank, were Nevada, Sacramento, and Amador. Of the lode gold output, gold ore and tailings yielded nearly 95 per cent; copper ore, etc., 4 per cent; and lead and copper-lead-zinc ore 1 per cent. Of the placer gold output dredges yielded 90 per cent, surface placers over 5 per cent, drift placers nearly 3 per cent, and hydraulic placers over 1 per cent. The gold output of 22 dredges (24 in 1930) was 5 per cent more than in the preceding year. Twenty-nine companies in the State produced more than 1,000 ounces of gold each and contributed 90 per cent of the total gold output.

The mine production of silver in California in 1931 was 867,818 fine ounces, valued at $251,667, a decrease of 754,985 ounces in quantity and $373,112 in value compared with 1930. No company produced more than 500,000 ounces, only 3 more than 100,000 ounces, 2 between 50,000 and 100,000 ounces, and 19 with less than 50,000 ounces each. The chief silver-producing counties in 1931 were Plumas, Nevada, Inyo, and San Bernardino, each with an output of between 100,000 and 350,000 ounces, followed by Napa with an output of slightly over 60,000 ounces and Mono and Amador each with an output of over 10,000 and under 20,000 ounces. Of the total silver output from lode mines dry silver ore yielded 110,621 ounces or 13 per cent, copper ore, etc., 322,148 ounces or 38 per cent, gold ore and tailings 202,937 ounces or 24 per cent, lead ore 141,691 ounces or 17 per cent, gold and silver ore 60,009 ounces or 7 per cent, and copper-lead-zinc ore 17,198 ounces or 2 per cent. The yield of silver from placer mines was 13,214 ounces, valued at $3,832.

CENTRAL STATES

The total mine production of silver in the Central States in 1931 was 42,737 ounces valued at $12,394, which was 137,090 ounces less than the output in 1930. No copper bullion was refined in Michigan so that the output in that State in 1931 was from lumps of native silver sold. The mine production of silver from Missouri decreased from 170,210 ounces in 1930 to 40,000 ounces in 1931. No copper ore was mined, so that all the silver was derived from lead ores of southeastern Missouri.

The silver credited to Illinois in 1931 was from galena concentrates made at fluorspar mines and shipped to the St. Louis Smelting & Refining Co. for smelting. As the mining of fluorspar was less active in 1931 than in 1930, the recovery of silver decreased from 1,797 ounces to 1,300 ounces.

COLORADO

Colorado metal mines yielded in terms of recovered metals $4,822,733 in gold in 1931, as compared with $4,517,619 in 1930, according to Charles W. Henderson, of the United States Bureau of Mines. Lode mines in 1931 yielded $4,801,149 and placers $21,586. Placer mines in 1930 yielded $138,243. The siliceous sulphotelluride gold ores of the Cripple Creek district yielded in recovered amalgam and cyanidation bullion $2,385,769 in 1931, as compared with $2,532,032 in 1930. Other important gold-producing counties were Park, $871,789; San Juan, $647,208; Gilpin, $338,404; Ouray, $201,764; Lake, $104,490; Eagle, $77,076; Clear Creek, $75,502; San Miguel, $45,666; Boulder, $27,608; and Summit, $19,674.

The silver produced amounted to 2,195,915 ounces, as compared with 4,382,852 in 1930. Eagle County produced 1,497,131 ounces and San Juan County 430,793 ounces. The record for other important silver-producing counties of 1930 was as follows in 1931: Lake, 81,183 ounces; Mineral, none; Saguache, 1,507 ounces; San Miguel, 9,324 ounces; Dolores, 1,648 ounces; Pitkin, 37,169 ounces; and Clear Creek, 22,614 ounces. In 1931 Ouray County yielded 40,586 ounces, as compared with 18,122 ounces in 1930, and Park County yielded 28,531 ounces, as compared with 11,709 ounces in 1930. Gilpin County produced 20,787 ounces in 1931 and 21,696 ounces in 1930. The total production of Colorado from 1858 to 1931 has been: Gold, $720,301,765; silver, 660,127,834 ounces.

EASTERN OR APPALACHIAN STATES

The mine production of gold in the Eastern or Appalachian States decreased from 2,266.06 fine ounces, valued at $46,637, in 1930 to 1,152.63 fine ounces, valued at $23,827, in 1931. Tennessee produced $8,325, North Carolina $7,598, Pennsylvania $5,200, Georgia $1,827, South Carolina $470, and Alabama $407. The placer mines (10 in number) yielded $3,434, of which $1,776 was from North Carolina; only two of the placers yielded more than $400.

Siliceous gold ore in Georgia and North Carolina amounting to 450 tons yielded $1,868 in gold. The copper ore and copper concentrates from pyritiferous magnetite ore yielded $18,525 in gold, of which $5,000 was from North Carolina, $8,325 from Tennessee, and $5,200 from Pennsylvania. None of the lead, zinc, or lead-zinc ores yielded any gold or silver, and gold mining at lode mines was largely experimental work.

The mine output of silver was 63,949 ounces or 59,641 ounces less than in 1930. Only 28 ounces were derived from placer bullion and 21 ounces from siliceous ore. Copper ores yielded 61,300 ounces, of which Tennessee is credited with 41,000 ounces and North Carolina with 20,300 ounces. The silver from Pennsylvania (2,600 ounces) came, as in former years, from the Cornwall mine in Lebanon County.

IDAHO

In 1931, according to C. N. Gerry, of the United States Bureau of Mines, Idaho's output of gold was valued at $379,563 and that of silver, $2,094,068. There was a decrease of $63,746 in the production of gold and a decrease of 2,199,716 ounces in the production of silver from that of 1930; the value of the silver output decreased $1,532,878.

Gold decreased from $443,309 in 1930 to $379,563 in 1931, as a result of the decreased output of gold from the Sherman Howe property near Burgdorf, and from the dredge of the Idaho Gold Dredging Corporation at Centerville, which was destroyed by fire in July, 1931. Of the total gold output ($379,563) the placer gold amounted to $107,773, against $82,428 in 1930; the gold won by four dredges was valued at $80,352, an increase from $68,527 in 1930. A new dredge was operated late in 1931 in the Warren district, Idaho County, by the Idaho Gold Dredging Co., which took second place among Idaho gold producers for the year.

Dry or siliceous ore, chiefly gold ore, produced more gold than any other kind of ore, or $229,104; gold in lead-zinc ore was valued at $18,059; lead ore, $15,493; copper ore, $9,076; and copper-lead ore, $58. In 1931 more than 60 per cent of Idaho's gold came from siliceous gold ore. The largest producers of gold were the Talache (Gold Hill) mine at Quartzburg, the Idaho Gold Dredging Co. at Warren, the Idawa Gold Mining Co. at Placerville, the Idaho Gold Dredging Corporation at Centerville, the Lost Pilgrim and Hall-Interstate group east of Cascade, the Gladstone Mines Corporation at Baker, and the American Gold Dredging Co. at Triangle.

The silver output was 7,220,923 ounces, a decrease of more than 23 per cent from that of 1930. Lead ore supplied 3,273,934 ounces; copper-lead ore, 2,671,907 ounces; lead-zinc ore, 1,254,954 ounces; siliceous ore, 16,859 ounces; copper ore, 1,421 ounces; and placers 1,848 ounces. The Coeur d'Alene region (Shoshone County) alone produced 7,003,541 ounces of silver, a decrease of 1,827,920 ounces from that of 1930. The largest producers of silver were the Sunshine, Bunker Hill & Sullivan, Hecla, and Morning mines, all in the Coeur d'Alene region.

There were 296 mines producing during the year, of which 160 were placer mines and 136 lode mines.

MONTANA

Montana's mine output of gold in 1931, according to C. N. Gerry of the United States Bureau of Mines, was valued at $829,192, a decrease of $69,809 from that of 1930, and less than the average annual output for the decade 1922 to 1931, which was $1,355,665. Of the total output, $789,753 came from lode mines and $39,439 from placers. There was a decrease of $94,349 in gold from lode mines, but a decided increase ($24,540) in gold from placers. No dredges were operated in Montana in 1931. Siliceous ore, nearly all gold ore, was the source of $512,919 in gold; copper ore, $266,782; lead ore, $5,434; lead-zinc ore, $4,564; copper-lead ore, $54; and placers $39,439.

The output of silver decreased decidedly, from 7,052,889 ounces in 1930 to 3,829,837 ounces in 1931, the smallest output recorded since records of production have been kept. Nearly 97 per cent of the total silver was recovered from the mines at Butte. The output of silver from copper ore, the chief source of silver in Montana, decreased considerably from 4,583,827 ounces in 1930 to 3,710,564 ounces in 1931, and there were unusually large decreases in the output of silver from lead-zinc ore, siliceous ore, and zinc ore. Copper ore supplied the largest quantity of silver, 3,710,564 ounces; siliceous ore, chiefly

blocked out and remaining in the mine. Other lode mine production in 1931 was small. Banks and bullion buyers in South Dakota in 1931 bought placer bullion containing 96.17 ounces of gold.

The total recorded production of gold and silver (in terms of recovered metals) in South Dakota from 1875 to 1931, inclusive, has been $298,155,522 in gold and 7,883,626 fine ounces of silver. The yield in 1931 was $8,931,791 in gold and 113,562 ounces of silver.

TEXAS

Texas metal mines made no production in 1931, according to Charles W. Henderson, of the United States Bureau of Mines. The Presidio mine, at Shafter, the Hazel mine, near Van Horn, and the smaller properties near Allamoore and Van Horn have all been idle since their closing in 1930.

The total output of gold from Texas mines from the first year of available United States Government production records—1885 to 1930, inclusive—mostly from the Presidio mine, has been $95,073, and for silver 22,772,523 ounces.

UTAH

The value of the metal output of Utah was $28,970,974 in 1931, a decrease of $19,682,490 from that of 1930, according to C. N. Gerry, of the United States Bureau of Mines. This large decline in value was due to a generally decreased output from Utah mines resulting from the low prices received in 1931 for silver, copper, lead, and zinc.

The gold output was valued at $4,108,323, a decrease of $200,825 from that of 1930, but it was more than the average annual output for the decade 1922 to 1931, which was $3,764,489. Separated as to source, siliceous ore, chiefly gold ore, was most important, containing gold valued at $1,570,784; copper ore supplied $1,344,055 in gold; lead-zinc ore, $995,344; lead ore, $197,286; copper-lead ore, $70; and placers, $784. Crude ore of smelting grade yielded $1,938,637 in gold, ore treated by amalgamation yielded $377, ore and old tailings concentrated yielded $2,149,525, and miscellaneous material, chiefly old tailings smelted and old tailings treated by cyanidation, yielded $19,000. The five largest producers of gold were the Utah Copper, Eureka Standard, United States Smelting, Refining & Mining, North Lily, and Mammoth companies.

The silver production in Utah decreased decidedly from an output of 13,129,421 ounces in 1930 to 8,290,966 ounces in 1931. The State, however, maintained its position as the largest producer of silver in the United States. The output in 1931 was much less than the average annual output for the decade 1922 to 1931, which was 16,899,012 ounces. Separated as to source, the silver came principally from lead-zinc ore, which supplied 3,870,872 ounces, and from lead ore, which supplied 2,432,017 ounces; dry or siliceous ore supplied 1,307,906 ounces; copper ore, 679,503 ounces; and copper-lead ore, 662 ounces. First-class crude ore yielded 3,015,402 ounces of silver, ore and old tailings concentrated yielded 5,228,020 ounces, miscellaneous material, nearly all old tailings smelted, yielded 47,538 ounces, and placers yielded 6 ounces. The Tintic district in Juab and Utah Counties, produced 3,286,748 ounces, against 4,834,829 ounces in 1930. The Bingham district of Salt Lake County produced 2,502,057 ounces,

against 3,517,117 ounces in 1930, and the Park City region, in Summit and Wasatch Counties, 2,124,177 ounces, against 4,212,403 ounces in 1930. The five largest producers of silver were the Tintic Standard, Silver King Coalition, United States Smelting, Refining & Mining, Utah Copper, and Eureka Standard companies.

There were 105 producing mines, of which 96 were lode mines and 9 placer properties.

WASHINGTON

The output of gold in Washington in 1931, according to C. N. Gerry, of the United State Bureau of Mines, had a value of $60,035, a decrease of $27,713 from that of 1930. Most of the gold of the State, or $56,342, came from siliceous gold ore; copper ore supplied $529 in gold; and placers $3,164. Except for lessees' operations, the gold mines at Republic were idle, as they have been for the last three years. The district, however, lead in the production of gold in Washington in 1931. Crude ore supplied $42,659 in gold, ore treated by amalgamation $13,352, and concentrates $860. Since 1860 Washington has produced $30,482,780 in gold. Gold produced in 1931 from the Boundary Red Mountain property in Whatcom County, the only mine in Washington worthy of note as a producer of gold in 1930, was less than one-fifth of that produced in 1930. The Knob Hill mine at Republic took first place as a gold producing mine in 1931.

The output of silver was 22,410 ounces, the smallest output in the last 31 years, due to the continued idleness of former large producers at Republic and to the decrease in the production of copper ore at Index. Of the total silver, 10,322 ounces had its source in copper ore, 7,316 ounces in siliceous ore, 4,595 ounces in lead-zinc ore, 165 ounces in lead ore, and 12 ounces in placer dust and bullion. Crude ore supplied most of the silver, or 16,387 ounces; concentrates, 5,959 ounces; and ore treated by amalgamation, 52 ounces. The three largest producers of silver were the United Copper mine near Chewelah, Stevens County, the Knob Hill mine at Republic, Ferry County, and the Josephine mine of the Pend Oreille Mines and Metals Co. near Metaline Falls, Pend Oreille County.

There were 24 lode mines and 21 placers producing in 1931.

WYOMING

Metal mines in Wyoming in 1931, according to Charles W. Henderson, of the United States Bureau of Mines, yielded 26.22 fine ounces of gold from lode mines and 30.14 fine ounces of gold from placer mines; also 17 ounces of silver from lode mines. Each item of placer gold contained a little silver, too small to be tabulated in $1 units. The production of gold, both lode and placer, came chiefly from the Atlantic City district, Fremont County. Albany and Park Counties each yielded a small quantity of placer gold; the silver from lode mines was contained in copper ore shipped from Encampment, Carbon County.

GENERAL TABLES

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1930 and 1931, with the increase and decrease in each for the latter year

State or Territory	Production [1]		Increase, 1931	Decrease, 1931
	1931	1930		
	Ounces [2]	*Value*	*Value*	*Value*	*Value*
Alaska	466,006	$9,633,200	$8,420,800	$1,212,400	
Alabama	39	800	200	600	
Arizona	136,805	2,828,000	3,073,500		$245,500
California	521,158	10,773,300	9,308,300	1,465,000	
Colorado	225,147	4,654,200	4,511,800	142,400	
Georgia	77	1,600	4,200		2,600
Idaho	18,058	373,300	438,200		64,900
Montana	40,901	845,500	969,500		124,000
Nevada	139,194	2,877,400	2,898,600		21,200
New Mexico	31,981	661,100	653,000	8,100	
North Carolina	344	7,100	10,300		3,200
Oregon	15,301	316,300	295,600	20,700	
Pennsylvania	237	4,900	12,600		7,700
South Carolina	24	500	500		
South Dakota	431,200	8,913,700	8,398,900	514,800	
Tennessee	397	8,200	14,900		6,700
Texas			5,000		5,000
Utah	183,402	3,792,500	4,319,100		526,600
Washington	3,357	69,400	75,400		6,000
Wyoming	53	1,100	9,100		8,000
Philippine Islands	182,137	3,765,100	3,828,600		63,500
Total	2,395,878	49,527,200	47,247,600	3,364,500	1,084,900
Net increase				2,279,600	

[1] For method of calculation see p. 62.
[2] Valued at $20.67+ per fine ounce.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1930 and 1931, with the increase and decrease in each for the latter year

State or Territory	Production [1]			Increase, 1931	Decrease, 1931
	1931		1930		
	Ounces [2]	*Value*	*Ounces*	*Ounces*	*Ounces*
Alaska	397,949	$115,405	392,024	5,925	
Alabama	6	2		6	
Arizona	4,070,860	1,180,549	4,910,394		839,534
California	777,025	225,337	1,434,126		657,101
Colorado	2,373,706	688,375	4,851,571		2,477,865
Georgia	11	3	23		12
Idaho	7,416,044	2,150,653	9,710,150		2,294,106
Illinois			1,896		1,896
Michigan	2,024	587	10,720		8,696
Missouri	1,800	522	187,548		185,748
Montana	4,076,872	1,182,293	8,596,966		4,520,094
Nevada	2,368,624	686,901	4,178,943		1,810,319
New Mexico	1,070,452	310,431	1,160,374		89,922
North Carolina	20,193	5,856	32,891		12,698
Oregon	7,487	2,171	9,816		2,329
Pennsylvania	1,604	465	4,538		2,934
South Dakota	113,410	32,889	105,166	8,244	
Tennessee	41,968	12,171	85,533		43,565
Texas	241	70	468,736		468,495
Utah	8,057,015	2,336,534	14,451,266		6,394,251
Vermont			4,512		4,512
Washington	24,716	7,168	29,853		5,137
Wyoming	35	10	197		162
Philippine Islands	110,008	31,902	120,884		10,876
Total	30,932,050	8,970,294	50,748,127	14,175	19,830,252
Net decrease					19,816,077

[1] For method of calculation see p. 62.
[2] Value at 29 cents per ounce, the average New York price of bar silver.

Disposition of the gold and silver product of the United States, calendar year 1931

Items	Gold	Silver
	Fine ounces	*Fine ounces*
Product of domestic refineries:		
Deposited at mints and assay offices, per mint returns	2,286,459	319,441
Sold for use in the arts, per private refineries' and dealers' reports	238,902	33,014,894
Nonmint bullion exported, per customs returns	7,114	74,321,254
Prior stock increase, per private refineries' returns		1,988,247
	2,532,475	109,643,836
Less—		
Foreign bullion contained in private refineries' and dealers' product	829,997	66,693,028
Old bullion contained in private refineries' and dealers' product	547,561	8,856,401
Prior stock decrease, per private refineries' returns	59,013	
Unaccounted for, probably decrease in dealers' stocks	14,446	3,489,984
	1,451,017	79,039,413
New domestic product of private refineries	1,081,458	30,604,423
Unrefined domestic product deposited at mints and assay offices	1,314,420	327,627
Total domestic product of United States	2,395,878	30,932,050

Distribution of gold and silver production of the United States, in fine ounces, for 1931, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ore
		Dredges	All other			
Alabama			20	3		
Alaska	225,669	181,358	52,874	158,150		193,850
Arizona	125,117		1,069	233,809	121,634	2,889,868
California	328,632	175,086	19,417	386,781	158,888	322,148
Colorado	232,256	425	619	652,730	161,190	1,381,996
Georgia	50		38	12		
Idaho	13,148	3,887	1,326	18,707	7,200,705	1,421
Illinois					1,300	
Michigan						1,437
Missouri					40,000	
Montana	38,204		1,908	47,109	72,164	3,710,564
Nevada	139,411		2,883	1,324,015	1,012,701	225,355
New Mexico	30,755		407	158,316	790,272	93,271
North Carolina	282		86	33		20,300
Oregon	4,231	6,683	4,436	7,254		
Pennsylvania	251					2,660
South Dakota	431,979		96	113,562		
South Carolina			23	1		
Tennessee	403					41,000
Utah	198,702		38	1,307,912	6,303,551	679,503
Washington	2,751		153	7,328	4,760	10,322
Wyoming	26		30			17
Total [3]	1,771,867	367,439	85,423	4,415,722	15,867,255	9,573,651

[1] Includes small quantity of silver from placer mines (less than 50,000 ounces).
[2] Includes silver in lead, silver-lead, lead-zinc, copper-lead, copper-lead-zinc, and zinc ores.
[3] Philippine Islands not included. They report 96,940 ounces of silver from lode mines and 160 ounces from placers; $3,732,185 gold from lode mines and $30,248 from placers.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar years	Gold		Silver	
	Fine ounces	Value	Fine ounces	Commercial value
1792 to July 31, 1834	677, 250	$14, 000, 000	Insignificant.	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	$253, 400
1845	48, 762	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50, 300
1847	43, 005	889, 000	38, 700	50, 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50, 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851–1855	14, 270, 625	295, 000, 000	193, 500	259, 400
1856–1860	12, 384, 000	256, 000, 000	309, 400	418, 300
1861–1865	10, 716, 271	221, 525, 000	28, 810, 600	38, 674, 300
1866–1870	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 789, 100	23, 588, 300
1872	1, 741, 500	36, 000, 000	22, 236, 300	29, 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 568, 200	157, 749, 900
1873–1875	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876–1880	10, 300, 633	212, 933, 000	157, 680, 500	182, 506, 400
1881–1885	7, 730, 372	159, 801, 000	182, 840, 700	202, 806, 600
1886–1890	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891–1895	9, 106, 834	188, 255, 000	287, 057, 000	227, 960, 100
1896–1900	15, 728, 572	325, 138, 400	279, 544, 300	172, 688, 800
1901–1905	19, 393, 722	400, 903, 800	278, 698, 400	159, 543, 400
1906–1910	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 520, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 299, 784	88, 884, 400	66, 801, 500	40, 348, 100
1914	4, 572, 976	94, 531, 800	72, 455, 100	40, 067, 700
1915	4, 887, 604	101, 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92, 590, 300	74, 414, 802	48, 953, 000
1917	4, 051, 440	83, 750, 700	71, 740, 362	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	66, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 573	60, 801, 955
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 075	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 502, 632	51, 734, 000	73, 335, 170	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45, 911, 864
1926	2, 335, 042	48, 269, 600	62, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60, 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 507	34, 200, 567
1929	2, 208, 386	45, 651, 400	61, 327, 868	32, 687, 754
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 029
1931	2, 395, 878	49, 527, 200	30, 932, 050	8, 970, 294
Total	164, 410, 045	3, 398, 655, 300	3, 079, 337, 904	2, 355, 641, 511
Grand total	223, 876, 993	4, 627, 942, 300	3, 198, 215, 604	2, 513, 795, 911

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1931

Among the purveyors of gold and silver bars for use in the industrial arts of the United States, the United States assay office at New York and the mint at Philadelphia hold the foremost places; consequently the larger portion of the material consumed in the arts is brought under Government notice and is a matter of public record.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1931, with the classes of material from which they were made:

Gold and silver issued for use in the industrial arts during the calendar year 1931 [1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$23, 219, 322	589, 881
Bullion in various forms	Private refineries and dealers	4, 938, 543	33, 014, 894
United States coin [2]	Banks, etc	1, 000, 000	77, 344
Total		29, 157, 865	33, 682, 119
Old jewelry, plate, scrap, etc., contained in private refineries' and dealers' returns, and that returned to monetary use		23, 227, 085	9, 346, 281
New material		5, 930, 780	24, 335, 838

[1] For explanation of calculation, see p. 62.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD

Calendar year	New material			Old material	Grand total
	United States coin	Domestic and foreign bullion and foreign coins	Total		
1880	$3, 300, 000	$5, 511, 047	$8, 811, 047	$1, 294, 385	$10, 105, 432
1881–1885	18, 575, 000	34, 952, 669	53, 527, 669	9, 313, 984	62, 841, 653
1886–1890	17, 500, 000	42, 557, 772	60, 057, 772	20, 147, 122	80, 204, 894
1891–1895	17, 500, 000	39, 739, 298	57, 239, 298	25, 300, 282	82, 539, 580
1896–1900	17, 500, 000	46, 992, 508	64, 492, 508	20, 334, 856	84, 827, 364
1901–1905	17, 500, 000	91, 091, 680	108, 591, 680	33, 888, 252	142, 479, 932
1906–1910	17, 500, 000	134, 705, 630	152, 205, 630	38, 540, 215	190, 745, 845
1911	3, 500, 000	29, 603, 054	33, 103, 054	7, 731, 238	40, 834, 292
1912	3, 500, 000	32, 370, 552	35, 870, 552	8, 106, 703	43, 977, 207
1913	3, 500, 000	34, 001, 831	37, 501, 831	8, 362, 235	45, 864, 066
1914	1, 000, 000	22, 202, 101	23, 202, 101	12, 934, 974	36, 137, 075
1915	1, 000, 000	22, 428, 027	23, 428, 027	12, 698, 326	36, 126, 353
1916	1, 000, 000	28, 856, 871	29, 856, 871	20, 185, 304	50, 042, 175
1917	1, 000, 000	30, 333, 445	31, 333, 445	19, 082, 191	50, 415, 641
1918	1, 000, 000	31, 687, 040	32, 687, 040	20, 327, 345	53, 014, 385
1919	1, 000, 000	54, 096, 853	55, 096, 853	21, 035, 398	76, 132, 251
1920	1, 000, 000	49, 180, 609	50, 180, 609	29, 534, 478	79, 715, 087
1921	1, 000, 000	19, 441, 609	20, 441, 609	28, 013, 868	48, 455, 477
1922	1, 000, 000	30, 930, 255	31, 930, 255	24, 683, 403	56, 613, 658
1923	1, 000, 000	34, 627, 175	35, 627, 175	31, 265, 070	66, 892, 245
1924	1, 000, 000	31, 471, 295	32, 471, 295	32, 320, 145	64, 791, 440
1925	1, 000, 000	30, 133, 849	31, 133, 849	30, 092, 021	61, 225, 870
1926	1, 000, 000	29, 927, 391	30, 927, 391	32, 063, 448	62, 990, 839
1927	1, 000, 000	25, 450, 491	26, 450, 491	30, 369, 237	56, 819, 728
1928	1, 000, 000	25, 305, 500	26, 305, 500	30, 276, 159	56, 581, 659
1929	1, 000, 000	23, 873, 136	24, 873, 136	32, 030, 531	56, 903, 667
1930	1, 000, 000	14, 177, 739	15, 177, 739	27, 511, 640	42, 689, 379
1931	1, 000, 000	4, 930, 780	5, 930, 780	23, 227, 085	29, 157, 865
Total	137, 875, 000	1, 000, 580, 207	1, 138, 455, 207	630, 669, 902	1, 769, 125, 109

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880—Continued

SILVER

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	464, 063	2, 126, 326	2, 590, 389	203, 540	2, 793, 929
1881–1885	773, 435	18, 426, 369	19, 199, 804	1, 573, 954	20, 773, 758
1886–1890	773, 435	24, 155, 908	24, 929, 343	3, 378, 303	28, 307, 646
1891–1895	541, 406	34, 690, 186	35, 231, 592	4, 754, 381	39, 985, 973
1896–1900	386, 720	44, 685, 289	45, 072, 009	5, 998, 567	51, 070, 576
1901–1905	386, 720	82, 233, 057	82, 619, 777	15, 007, 946	97, 627, 723
1906–1910	386, 720	104, 035, 447	104, 422, 167	18, 342, 642	122, 764, 809
1911	77, 344	26, 210, 759	26, 288, 103	5, 725, 582	32, 013, 685
1912	77, 344	22, 567, 477	22, 644, 821	7, 291, 699	29, 936, 520
1913	77, 344	23, 051, 024	23, 128, 368	7, 864, 466	30, 992, 834
1914	77, 344	22, 474, 287	22, 551, 631	6, 758, 330	29, 309, 961
1915	77, 344	22, 888, 896	22, 966, 240	7, 001, 875	29, 968, 115
1916	77, 344	22, 126, 917	22, 204, 261	9, 899, 246	32, 103, 507
1917	77, 344	15, 921, 463	15, 988, 807	11, 041, 038	27, 039, 845
1918	77, 344	26, 644, 989	26, 722, 333	9, 530, 263	36, 252, 596
1919	77, 344	26, 160, 175	26, 237, 519	6, 463, 002	32, 700, 521
1920	77, 344	19, 202, 785	19, 280, 129	8, 694, 392	27, 974, 521
1921	77, 344	28, 766, 284	28, 843, 628	7, 024, 318	35, 867, 946
1922	77, 344	31, 209, 187	31, 286, 531	6, 623, 568	37, 910, 099
1923	77, 344	28, 277, 827	28, 355, 171	8, 469, 806	36, 824, 977
1924	77, 344	24, 586, 892	24, 664, 236	8, 930, 580	33, 594, 816
1925	77, 344	29, 851, 819	29, 929, 163	9, 897, 416	39, 826, 579
1926	77, 344	29, 330, 257	29, 407, 601	10, 000, 792	39, 408, 393
1927	77, 344	28, 415, 946	28, 493, 290	10, 155, 427	38, 648, 717
1928	77, 344	24, 853, 939	24, 931, 283	10, 616, 380	35, 547, 663
1929	77, 344	30, 900, 215	30, 977, 559	11, 381, 523	42, 359, 082
1930	77, 344	26, 797, 034	26, 874, 378	9, 468, 829	36, 343, 207
1931	77, 344	24, 258, 494	24, 335, 838	9, 346, 281	33, 682, 119
Total	5, 336, 723	844, 849, 248	850, 185, 971	231, 444, 146	1, 081, 630, 117

Issue of Fine Gold Bars for Gold Coin and Gold Bullion

(On value basis; see p. 62)

The value of the fine gold bars issued in exchange for gold coin and bullion by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1931, was as follows:

ISSUED IN EXCHANGE FOR GOLD COIN OR OTHER GOLD ASSETS THAN BULLION

Month	Philadelphia	San Francisco	Denver	New York	Total
1931					
January	$50, 734. 30	$15, 014. 74		$1, 456, 972. 29	$1, 522, 721. 33
February	40, 305. 72	5, 005. 91		1, 545, 456. 46	1, 590, 768. 09
March	45, 478. 04	15, 015. 26	$5, 001. 26	2, 066, 690. 32	2, 132, 184. 88
April	55, 201. 46	10, 006. 55		1, 919, 233. 97	1, 984, 441. 98
May	35, 584. 50	15, 019. 08		1, 961, 059. 67	2, 011, 663. 25
June	55, 818. 68	20, 269. 29		2, 525, 633. 89	2, 601, 721. 86
July	20, 302, 54	10, 021. 75	5, 001. 47	665, 670. 26	700, 996. 02
August	25, 309. 57	5, 003. 22		1, 885, 263. 41	1, 915, 576. 20
September	59, 196. 40	15, 205. 72		1, 676, 186. 16	1, 750, 588. 28
October	25, 146. 00	10, 016. 68		1, 962, 979. 35	1, 998, 142. 03
November	35, 353. 03	10, 023. 05		2, 518, 200. 96	2, 563, 577. 04
December	40, 355. 72			1, 183, 367. 85	1, 223, 723. 57
Total	488, 785. 96	130, 601. 25	10, 002. 73	21, 366, 714. 59	21, 996, 104. 53
Prior year	656, 997. 10	166, 057. 12	20, 005. 80	105, 410, 483. 15	106, 253, 543. 17

ISSUED IN EXCHANGE FOR GOLD BULLION

1931					
January	$55,178.88	$5,426.74	$13,838.13	$134,493.16	$208,936.91
February	46,419.56	3,504.48	9,576.84	109,592.39	169,093.27
March	43,228.90	4,832.51	7,841.05	93,080.14	148,982.60
April	40,016.00	2,135.49	6,932.70	100,452.64	150,036.83
May	33,825.72	6,716.12	8,088.26	90,127.21	138,757.31
June	46,469.58		5,673.80	80,841.91	132,985.29
July	42,165.87	2,088.07	7,209.12	81,745.41	133,208.47
August	27,504.12	2,556.00	3,215.50	59,103.27	92,378.89
September	27,616.58	2,550.45	7,252.10	62,795.68	100,214.81
October	49,554.53	3,122.05	5,977.04	87,628.10	146,281.72
November	44,525.54	4,309.87	6,121.35	90,610.07	145,566.83
December	44,762.14	2,816.24	9,259.54	101,704.57	158,542.49
Total	501,767.42	40,058.02	90,985.43	1,092,174.55	1,724,985.42
Prior year	567,074.55	74,187.76	92,528.78	1,800,859.49	2,534,650.58

Domestic coinage at the United States mints during the calendar year 1931

Denomination	Philadelphia		San Francisco		Denver		Total	
	Pieces	Value	Pieces	Value	Pieces	Value	Pieces	Value
Double eagles (gold)	2,938,250	$58,765,000			106,500	$2,130,000	3,044,750	$60,895,000
Dimes (silver)	3,150,000	315,000	1,800,000	$180,000	1,260,000	126,000	6,210,000	621,000
5-cent (nickel)			1,200,000	60,000			1,200,000	60,000
1-cent (bronze)	19,396,000	193,960	866,000	8,660	4,480,000	44,800	24,742,000	247,420
Total minor	19,396,000	193,960	2,066,000	68,660	4,480,000	44,800	24,742,000	307,420
Grand total	25,484,250	59,273,960	3,866,000	248,660	5,846,500	2,300,800	35,196,750	61,823,420

The coinage made for foreign governments during the calendar year 1931, all by the mint at Philadelphia, totaled 4,498,020 pieces as follows:

Country	Denomination	Silver	Nickel
		Pieces	*Pieces*
Panama	1-balboa	200,020	
Do	One-fourth balboa	48,000	
Do	One-tenth balboa	200,000	
Honduras	1-lempira	550,000	
Do	50-centavo	500,000	
Do	20-centavo	1,000,000	
Do	5-centavo		2,000,000
Total		2,498,020	2,000,000

Deposits of foreign gold bullion and coin during the calendar year 1931

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total coining value	Total fine ounces
North America:					
Canada	$14,252,816	$37,572,072	$134,553	$51,959,441	2,513,538
Mexico	413,003	4,613,395	16,054,367	21,080,765	1,019,682
Cuba	786		530,088	530,874	25,781
British West Indies	43,101			43,101	2,085
Dominican Republic	21,561			21,561	1,043
Central America	512,103		12,961	525,064	25,400
South America	3,485,230		17,091,225	20,576,455	995,386
Europe:					
Austria			2,020,341	2,020,341	97,734
France			39,070	39,070	1,890
Germany			11,328	11,328	548
Great Britain	1,505,943	24,546,874	13,148,858	39,201,675	1,896,381
Holland			2,108	2,108	102
Hungary			2,336	2,336	113
Portugal			4,630	4,630	224
Spain			34,977	34,977	1,692
Sweden		1,323	2,977	4,300	208
Turkey			9,633	9,633	466
Africa: East Africa	455			455	22
Asia:					
China	23,023,917	9,184,744		32,208,661	1,558,094
India	5,432,021	51,514		5,483,535	265,266
Japan	1,178		32,965,602	32,966,780	1,594,768
Straits Settlements	360,413	92,569		452,982	21,913
Oceania: New Zealand	177,344			177,344	8,579
Mixed coin			174,202	174,202	8,427
Total value	49,229,871	76,062,491	82,239,256	207,531,618	
Total fine ounces	2,381,495	3,679,523	3,978,324		10,039,342

Deposits of foreign silver bullion and coin during the calendar year 1931

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total	Total subsidiary silver coining value at $1.38+ per fine ounce
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	195,258	20,487		215,745	$298,248
Mexico	1,004,379	35,396		1,039,775	1,437,394
Cuba	7			7	10
British West Indies	354			354	489
Dominican Republic	51			51	71
Central America	25,575		64,962	90,537	125,159
South America	15,633		9,012	24,645	34,069
Africa: East Africa	2			2	3
Asia:					
China	16,723			16,723	23,118
India	1,812			1,812	2,505
Japan	35			35	48
Straits Settlements	932			932	1,288
Oceania: New Zealand	316			316	437
Mixed coin			5,795	5,795	8,011
Total fine ounces	1,261,077	55,883	79,769	1,396,729	
Total subsidiary value	$1,743,324	$77,253	$110,273		1,930,850

There was deposited in trust during the calendar year ended December 31, 1931, 382,298 fine ounces of foreign silver coin for use in coinage by the mint at Philadelphia for other governments as follows: Panama, 22,918 fine ounces; Nicaragua, 359,380 fine ounces. This is not included in the above table.

Deposits and purchases of gold during

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	55, 387	6, 534, 053	162, 740	1, 205, 611
2	Alabama	26, 737		12, 902	
3	Arizona		36, 119, 786	328, 601	29, 377
4	California		198, 523, 217	66, 747	189, 088
5	Colorado		21, 184	148, 450, 222	
6	Georgia	50, 630			25, 294
7	Idaho	3, 771	570, 181	522, 997	
8	Montana		3, 167, 803	837, 703	
9	Nevada		7, 048, 713	62, 631	
10	New Mexico		22, 657	382, 779	63, 984
11	North Carolina	89, 442			24, 733
12	Oregon		5, 002, 317	1, 680	
13	South Carolina				22, 722
14	South Dakota			430, 535, 542	
15	Utah		9, 194	28, 307	
16	Washington		16, 213	7, 943	
17	Wyoming			17, 774	
18	Philippine Islands		32, 430, 933		
19	Grains, deposit melting room	120, 993	80, 992	13, 995	76, 043
20	Total unrefined	346, 960	289, 547, 243	581, 432, 563	1, 636, 852
	Domestic refinery bullion:				
21	Less than 0.992 fine				811, 480
22	Over 0.992 fine	18, 083, 561	1, 029, 708, 036		1, 192, 122, 306
23	Total domestic purchases	18, 430, 521	1, 319, 255, 279	581, 432, 563	1, 194, 570, 638
24	Foreign coin	62, 013, 368	1, 716, 397, 233	23, 355, 590	2, 169, 192, 024
25	Foreign bullion, crude	18, 629	1, 134, 992, 293	7, 136, 837	1, 199, 787, 932
26	Foreign bullion, refined		806, 318, 254		2, 873, 205, 036
27	Jewelers' bars, dental scrap, etc	192, 040, 368	45, 832, 602	24, 888, 481	295, 130, 671
28	Total deposits purchased	272, 502, 886	5, 022, 795, 661	636, 813, 471	7, 731, 895, 321
	REDEPOSITS PURCHASED				
29	Domestic coin	506, 101	35, 469	161, 267	11, 274, 107
30	Bars stamped by U. S. Government	13, 655	2, 221, 447, 417		747, 871, 878
31	Surplus (recoveries)	1, 102, 443	910, 170	6, 814	1, 266, 712
32	Total redeposits purchased	1, 622, 199	2, 222, 393, 056	168, 081	760, 412, 697
33	Total purchases	274, 125, 085	7, 245, 188, 717	636, 981, 552	8, 492, 308, 018
	REDEPOSITS TRANSFERRED				
34	Domestic coin from Treasury	70, 232, 822	14, 383, 416	25, 361, 251	
35	Domestic assay pieces	32, 411			
36	Refined bars	42, 344, 535		6, 957	
37	Unrefined bars		509, 991, 682	18, 271, 207	
38	Proof bullion		150, 000	50, 000	
39	Total redeposits transferred	112, 609, 768	524, 525, 098	43, 689, 415	
40	Grand total, fine ounces	386, 734, 853	7, 769, 713, 815	680, 670, 967	8, 492, 308, 018
	Value of—				
41	Purchases	$5, 666, 668. 36	$149, 771, 343. 14	$13, 167, 572. 46	$175, 551, 588. 37
42	Domestic coin, Treasury transfers	1, 451, 841. 29	297, 331. 56	524, 263. 58	
43	Other transfers	876, 009. 22	10, 545, 564. 49	378, 876. 67	
44	Total value	7, 994, 518. 87	160, 614, 239. 19	14, 070, 712. 71	175, 551, 588. 37
	Number of fineness determinations required:				
45	Deposits of gold and silver	7, 559	12, 557	3, 089	13, 734
46	Redeposits purchased	32	296		122
47	Redeposits transferred	472	1, 069	75	57
48	Deposits in trust	246			
49	Total determinations	8, 309	13, 922	3, 164	13, 913

the calendar year ended December 31, 1931

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
				411, 370, 698		419, 328, 489	1
						39, 639	2
						26, 477, 764	3
	43, 273			82, 839		198, 905, 264	4
	6, 178					148, 477, 584	5
						75, 924	6
		12, 885, 588	35, 876	299, 264	417, 877	14, 735, 554	7
		1, 773	3, 073, 107	67, 816	312, 281	7, 990, 483	8
	6, 976, 991	256, 888		19, 851	278, 820	14, 543, 894	9
						469, 420	10
						114, 175	11
		1, 770, 965		1, 317, 110		8, 092, 072	12
						22, 722	13
						430, 635, 542	14
					136, 009	173, 510	15
				1, 328, 288		1, 353, 990	16
		1, 546				30, 213	17
			12, 439			32, 640, 889	18
				209, 956		343, 197	
7, 827	1, 085	2, 716	14, 278	25, 268			19
7, 827	7, 027, 627	14, 919, 476	3, 635, 700	414, 721, 090	1, 144, 987	1, 314, 420, 325	20
				2, 937, 579		3, 749, 969	21
				42, 999, 462		2, 282, 709, 758	22
196, 393							
204, 220	7, 027, 627	14, 919, 476	3, 635, 700	460, 258, 131	1, 144, 987	3, 600, 879, 142	23
3, 447				7, 362, 141		3, 978, 323, 803	24
5, 929, 460				33, 690, 302		2, 381, 495, 453	25
						3, 679, 523, 310	26
9, 251, 278	36, 710	375, 320	500, 335	7, 666, 869	317, 318	576, 048, 952	27
15, 388, 495	7, 064, 337	15, 294, 796	4, 136, 035	508, 917, 443	1, 462, 305	14, 216, 270, 660	28
1, 164, 341	2, 889			1, 901		13, 146, 075	29
						2, 969, 332, 950	30
3, 640		7, 757				3, 297, 536	31
1, 167, 981	2, 889	7, 757		1, 901		2, 985, 776, 561	32
16, 556, 386	7, 067, 226	15, 302, 553	4, 136, 035	508, 919, 344	1, 462, 305	17, 202, 047, 221	33
						109, 977, 489	34
						32, 411	35
						42, 351, 492	36
						528, 262, 889	37
				20, 000		220, 000	38
				20, 000		680, 844, 281	39
16, 556, 386	7, 067, 226	15, 302, 553	4, 136, 035	508, 939, 344	1, 462, 305	17, 882, 891, 502	40
$342, 248. 62	$146, 092. 52	$316, 332. 07	$85, 499. 24	$10, 520, 296. 59	$30, 228. 42	$355, 597, 869. 79	41
						2, 273, 436. 43	42
				413. 44		11, 800, 863. 82	43
342, 248. 62	146, 092. 52	316, 332. 07	85, 499. 24	10, 520, 710. 03	30, 228. 42	369, 672, 170. 04	44
438	426	446	383	1, 867	71	40, 570	45
				13		463	46
						1, 673	47
						246	48
438	426	446	383	1, 880	71	42, 952	49

Deposits and purchases of silver during the

	Source and description	Philadelphia	San Francisco	Denver	New York
	Purchases	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	9.45	1,019.46	23.95	176.57
2	Alabama	4.03		2.46	
3	Arizona		23,728.80	547.66	4.39
4	California		46,652.67	17.14	100.18
5	Colorado		3.41	29,364.70	
6	Georgia	10.31			1.18
7	Idaho	.33	188.72	205.63	
8	Michigan	1,436.57			
9	Montana		7,209.19	280.91	
10	Nevada		8,469.95	25.42	
11	New Mexico		2.69	66.57	3.79
12	North Carolina	26.67			2.25
13	Oregon		840.00	76	
14	South Carolina				40
15	South Dakota			109,750.95	
16	Utah		.36	2.88	
17	Washington		5.14	1.61	
18	Wyoming			2.81	
19	Philippine Islands		12,273.22		
20	Grains, deposit melting room	114.00	93.69	9.98	70.49
21	Total unrefined	1,601.36	101,487.30	140,303.43	359.25
	Domestic refinery bullion:				
22	Less than 0.992 fine				37,187.80
23	Over 0.992 fine				282,253.12
24	Total domestic purchases	1,601.36	101,487.30	140,303.43	319,800.17
25	Foreign coin	323.53			79,445.83
26	Foreign bullion, crude	1.50	959,878.34	37,096.14	253,171.95
27	Foreign bullion, refined				55,883.26
28	Jewelers' bars, dental scrap, etc	122,814.08	64,300.28	26,747.41	266,296.57
29	Total deposit purchases	124,740.47	1,125,665.92	204,146.98	974,597.78
	Redeposits purchased				
30	Domestic coin	2,035.31	283.41	703.54	
31	Bars stamped by U. S. Government				1,749.83
32	Surplus (recoveries)			80.38	3,361.32
33	Total redeposits purchased	2,035.31	283.41	783.92	5,111.15
34	Total purchases	126,775.78	1,125,949.33	204,930.90	979,708.93
	Redeposits transferred				
35	Domestic coin from Treasury	3,922,123.30	418,008.06	508,083.01	
36	Domestic assay coins	25.68			
37	Refinery bars				294,049.03
38	Unrefined bars		88,871.94	10,110.04	
39	Proof bullion		50.00		25.00
40	Total redeposits transferred	3,922,148.98	506,930.00	518,193.05	294,074.03
	Deposited in trust				
41	Domestic bullion refined	157,015.96			
42	Foreign coin	382,298.16			
43	U. S. Government bars	230.02			
44	Total trust deposits	539,544.14			
45	Grand total, fine ounces	4,588,468.90	1,632,879.33	723,123.95	1,273,782.96
	Value:				
46	Cost of purchases	36,163.49	318,066.88	57,681.40	277,545.72
47	Cost of bullion transferred	35.50	25,453.39	2,849.03	138,543.04
48	Coining value of subsidiary bullion purchased	172,442.33	1,556,130.53	286,472.94	1,354,358.29
49	Subsidiary coining value of purchased and transferred domestic coin	5,424,827.08	578,249.83	703,351.03	

calendar year ended December 31, 1931

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
				58,608.89		59,838.32	1
						6.49	2
						24,280.85	3
	6.46			15.40		46,791.85	4
	8.04					29,376.15	5
						11.49	6
		4,297.33	4.14	357.18	59.29	5,112.62	7
						1,436.57	8
		.28	1,006.82	6.78	599.08	9,103.06	9
	17,746.58	236.00		21.82	74.10	26,573.87	10
						73.05	11
						28.92	12
		333.40		211.18		1,385.34	13
						.40	14
						109,750.95	15
					60.29	63.53	16
				90.33		97.35	17
		.27				3.86	18
			1.05				
				92.33		13,365.55	19
7.82	.96	4.11	22.08	4.14		327.27	20
7.82	17,762.04	4,871.39	1,034.09	59,408.05	792.76	327,627.49	21
						37,187.80	22
						282,253.12	23
7.82	17,762.04	4,871.39	1,034.09	59,408.05	792.76	647,068.41	24
						79,769.36	25
4,251.81				6,676.69		1,261,076.43	26
						55,883.26	27
5,889.12	9.82	105.05	462.02	3,157.78	97.59	489,879.72	28
10,148.75	17,771.86	4,976.44	1,496.11	69,242.52	890.35	2,533,677.18	29
						3,022.26	30
						1,749.83	31
28.56		48.31				3,518.57	32
28.56		48.31				8,290.66	33
10,177.31	17,771.86	5,024.75	1,496.11	69,242.52	890.35	2,541,967.84	34
						4,848,214.37	35
						25.68	36
						294,049.03	37
						98,981.98	38
	25.00					100.00	39
	25.00					5,241,371.06	40
						157,015.96	41
						352,298.16	42
						230.02	43
						539,544.14	44
10,177.31	17,796.86	5,024.75	1,496.11	69,242.52	890.35	8,322,883.04	45
2,887.62	5,017.75	1,416.77	425.50	19,733.25	251.05	719,189.43	46
	11.82					166,892.78	47
14,069.20	24,567.98	6,946.26	2,068.24	95,721.47	1,230.83	3,514,008.07	48
						6,705,427.94	49

Domestic coins, including assay pieces, withdrawn

Denomination	Philadelphia		San Francisco		Denver	
	From Treasury stock	Purchased over the counter and assay pieces	From Treasury stock	Purchased over the counter	From Treasury stock	Purchased over the counter
GOLD						
Double eagles	$437,360.00	$3,620.00	$64,300.00	$100.00	$120,360.00	$2,320.00
Eagles	446,550.00	2,570.00	72,110.00	110.00	142,740.00	380.00
Half eagles	533,720.00	3,835.00	141,730.00	265.00	240,005.00	370.00
Quarter eagles	43,325.00	1,282.50	22,010.00	262.50	25,880.00	322.50
3-dollar pieces	75.00	57.00		3.00		
Dollars	168.00	83.00	1.00	19.00		17.00
Total gold	1,461,198.00	11,447.50	300,151.00	759.50	528,985.00	3,409.50
SILVER						
Trade dollars		30.00				
Standard dollars		50.00		169.00		525.00
Half dollars	2,075,849.50	910.50	384,224.00	98.00	332,813.00	153.50
Quarter dollars	2,731,062.75	848.00	154,504.50	80.75	307,327.75	195.00
20-cent pieces	12.80		.60			
Dimes	1,146,531.00	907.00	89,806.00	45.40	143,414.10	128.10
Half dimes	250.65	.10	13.40			9.80
3-cent pieces	85.32		1.35			
Total silver	5,953,792.02	2,745.60	628,549.85	393.15	783,554.85	1,011.40
NICKEL						
5-cent pieces	411,101.80	4.95	23,221.10		49,373.60	
3-cent pieces	84.51		.90			
1-cent pieces	121.18					
Total nickel	411,307.49	4.95	23,222.00		49,373.60	
BRONZE						
2-cent pieces	100.82		.50			
1-cent pieces	60,150.91	10.15	2,734.29		3,493.88	1.57
Total bronze	60,251.73	10.15	2,734.79		3,493.88	1.57
COPPER						
1-cent pieces	78.60					
Total copper	78.60					
Total face value	7,886,627.84	14,208.20	954,657.64	1,152.65	1,365,407.33	4,422.47
SUMMARY						
Metal obtained by melting above:						
Gold	*Fine ounces* 70,232.822	*Fine ounces* 538.512	*Fine ounces* 14,383.416	*Fine ounces* 35.469	*Fine ounces* 25,361.251	*Fine ounces* 161.267
Silver	3,922,123.300	2,060.990	418,008.060	283.410	508,083.010	703.540
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Nickel	1,249,110.25	15.60	70,133.00		147,804.03	
Bronze	586,540.10	100.33	26,821.00		33,972.28	15.02
Copper	2,552.00					
Recoinage value:						
Gold	$1,451,841.29	$11,132.04	$297,331.56	$733.21	$524,263.58	$3,333.69
Silver	5,421,977.98	2,849.13	577,858.00	391.75	702,378.43	972.58
Nickel	388,134.72	4.85	21,814.25		45,973.25	
Bronze	58,654.01	10.03	2,682.10		3,397.22	1.50
Copper	72.91					
Total	7,320,680.91	13,996.05	899,685.91	1,124.96	1,276,012.48	4,307.77
Loss by recoinage:						
Gold	9,356.71	315.46	2,819.44	26.29	4,721.42	75.81
Silver	531,814.04	[1] 103.53	50,691.85	1.40	81,176.42	38.82
Nickel	23,172.77	.10	1,407.75		3,400.35	
Bronze	1,597.72	.12	52.69		96.66	.07
Copper	5.69					
Total	565,946.93	212.15	54,971.73	27.69	89,394.85	114.70

[1] Gain.

from monetary use during the calendar year 1931

New York	New Orleans	Carson City	Seattle	Total		Grand total
Purchased over the counter	Purchased over the counter	Purchased over the counter	Purchased over the counter	From Treasury stock	Purchased over the counter and assay pieces	
$46,520.00	$7,100.00	$60.00		$622,020.00	$59,720.00	$681,740.00
74,460.00	8,430.00			661,400.00	85,950.00	747,350.00
112,305.00	8,645.00			915,455.00	125,420.00	1,040,875.00
1,937.50	162.50		$40.00	91,215.00	4,007.50	96,222.50
96.00				75.00	156.00	237.00
226.00	15.00		1.00	169.00	361.00	530.00
235,544.50	24,352.50	60.00	41.00	2,290,334.00	275,614.50	2,565,948.50
					30.00	30.00
					744.00	744.00
				2,792,886.50	1,162.00	2,794,048.50
				3,192,895.00	1,123.75	3,194,018.75
				13.40		13.40
				1,379,761.10	1,080.50	1,380,831.60
				264.05	9.90	278.95
				86.67		86.67
				7,365,896.72	4,150.15	7,370,046.87
				483,696.50	4.95	483,701.45
				85.41		85.41
				121.18		121.18
				483,903.09	4.95	483,908.04
				101.32		101.32
				66,379.08	11.72	66,390.80
				66,480.40	11.72	66,492.12
				78.60		78.60
				78.60		78.60
235,544.50	24,352.50	60.00	41.00	10,206,692.81	279,781.32	10,486,474.13
Fine ounces 11,274.107	*Fine ounces* 1,163.765	*Fine ounces* 2.889	*Fine ounces* 1.901	*Fine ounces* 109,977.489	*Fine ounces* 13,177.910	*Fine ounces* 123,155.399
				4,848,214.37	3,047.94	4,851,262.31
Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
				1,309,903.53	115.35	1,310,018.88
				2,552.00		2,552.00
$233,056.48	$24,068.87	$59.72	$39.29	$2,273,436.43	$272,423.30	$2,545,859.73
				6,702,214.41	4,213.46	6,706,427.87
				455,922.22	4.85	455,927.07
				64,733.33	11.53	64,744.86
				72.91		72.91
233,056.48	24,068.87	59.72	39.29	9,496,379.30	276,653.14	9,773,032.44
2,488.02	283.63	.28	1.71	16,897.57	3,191.20	20,088.77
				663,682.31	[1] 63.31	663,619.00
				27,980.87	.10	27,980.97
				1,747.07	.19	1,747.26
				5.69		5.69
2,488.02	283.63	.28	1.71	710,313.51	3,128.18	713,441.69

[1] Gain.

Gold and silver domestic exports, by customs

[Compiled by Bureau of Foreign

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	1,844	33,354	18,709,393	385,957,242	80,783,994		466,774,590
ATLANTIC COAST DISTRICT							
Maine and New Hampshire			[1] 1	21	25		46
New York			[1] 18,702,657	385,816,040	79,924,075		465,810,671
			3,381	70,556			
GULF COAST DISTRICT							
Florida					25,000		25,000
MEXICAN BORDER DISTRICTS							
El Paso					695,000		695,000
San Antonio							
PACIFIC COAST DISTRICTS							
San Diego							
San Francisco	180	3,912			133,350		137,262
Washington	450	9,088	252	5,192	1,100		15,380
NORTHERN BORDER DISTRICTS							
Buffalo	1,205	20,354	65	1,334	5,150		26,838
Dakota			158	3,318			3,318
Michigan			938	20,454	294		20,748
St. Lawrence			[1] 1,465	30,279			36,369
			280	6,090			
Vermont			196	3,958			3,958

United States mint or assay office bars.

districts, during the calendar year 1931

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
7,748	3,380	75,568,657	21,664,216	51,629		21,719,225
		377	124	63		187
		[1] 879,862	267,846	100		16,081,433
		55,148,310	15,813,487			
				3,000		3,000
				1,000		1,000
				1,000		1,000
562	146	[1] 337,880	94,692			5,217,524
5,590	2,787	17,978,917	5,122,686			4,046
		3,593	1,259			
1,596	447	[1] 37,409	11,496			350,337
		1,137,509	338,394			54
		200	54			
				8,008		8,008
		9,021	2,621	38,458		41,079
		35,579	11,557			11,557

Gold and silver foreign exports, by countries and

[Compiled by Bureau of

Countries and customs districts	GOLD						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Foreign exports			267	5,606		14,203	19,869
COUNTRIES							
EUROPE							
Germany							
Poland and Danzig						350	350
United Kingdom							
NORTH AMERICA							
Canada			267	5,606		3,398	9,064
Central America:							
Honduras							
Panama							
Mexico						10,420	10,420
Newfoundland and Labrador							
West Indies and Bermudas:							
British							
Trinidad and Tobago							
Other British							
Cuba						35	35
ASIA							
British India							
China							
Hong Kong							
CUSTOMS DISTRICTS							
ATLANTIC COAST DISTRICT							
Maine and New Hampshire							
Massachusetts							
New York						350	350
GULF COAST DISTRICT							
Florida						35	35
MEXICAN BORDER DISTRICT							
Arizona						5,420	5,420
El Paso							
San Antonio						5,000	5,000
PACIFIC COAST DISTRICT							
Alaska							
San Diego							
San Francisco							
Washington						60	60
NORTHERN BORDER DISTRICT							
Buffalo							
Dakota						107	107
Duluth and Superior							
Michigan			226	4,858			4,858
Montana and Idaho							
St. Lawrence			41	808		2,565	3,373
Vermont						666	666

customs districts, during the calendar year 1931

Foreign and Domestic Commerce]

SILVER						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
		7,335,989	2,092,870		2,673,158	4,766,028
		778,992	228,100			228,100
		1,219,782	357,370		937	358,307
					1,309,547	1,309,547
					142,000	142,000
					233,217	233,217
					977,085	977,085
					2,500	2,500
					6,050	6,050
					500	500
					1,322	1,322
		2,026,602	578,642			578,642
		2,745,749	772,510			772,510
		564,864	156,248			156,248
					493	493
					3,437	3,437
		4,769,031	1,366,180		381,267	1,747,447
					1,822	1,822
					660,650	660,650
					6,600	6,600
					1,000	1,000
					309,835	309,835
		2,566,958	726,690			726,690
					212,596	212,596
					451,453	451,453
					47,939	47,939
					2,483	2,483
					114,165	114,165
					14,767	14,767
					307,671	307,671
					156,980	156,980

Gold and silver imports, by countries,

[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	1,830,897	32, 694, 434	8, 154, 133	166, 112, 188	311, 766, 842	101,545,747	612, 119, 211
EUROPE							
Belgium	1, 142	22, 850	42	871	210		23, 931
Czechoslovakia							
Denmark					25, 300		25, 300
Finland					50		50
France	12, 288	244, 345	[1] 290, 416 635, 994	6, 000, 000 13, 140, 790	9, 145		19, 394, 280
Germany	3, 164	63, 586			37, 009, 897		37, 073, 483
Gibraltar							
Hungary					500		500
Italy	410	8, 200				920	9, 120
Netherlands							
Norway							
Poland and Danzig							
Spain	1, 745	35, 105			5, 030	38	40, 173
Sweden	27, 700	554, 000	[1] 145, 675	3, 000, 904		2, 017, 896	5, 572, 800
Switzerland						55, 158	55, 158
United Kingdom	1, 151	23, 027	340, 659	6, 971, 861	13, 301	7, 000	7, 015, 189
NORTH AMERICA							
Canada	1,213,967	20, 539, 479	1, 406, 660	27, 721, 272	27, 530, 626	5, 460, 248	81, 251, 625
Central America:							
Costa Rica	1, 158	20, 350	1, 730	34, 775	600		55, 725
Guatemala			14, 088	287, 297			287, 297
Honduras	201	3, 450	15, 779	311, 566			315, 016
Nicaragua	4, 905	72, 991	10, 945	224, 355	111, 476	5, 175	413, 997
Panama	364	7, 025			1, 500	5, 386	13, 911
Salvador	13	269			3, 500		3, 769
Mexico	165, 709	3, 387, 893	[1] 5, 300 302, 995	108, 600 6, 176, 859	762, 471	14, 883, 256	25, 319, 079
Miquelon and St. Pierre Islands							
Newfoundland and Labrador	1, 603	32, 558			1, 100		33, 658
West Indies and Bermudas:							
British—							
Bermuda					3, 400	26, 918	30, 318
Barbados					500	1, 620	2, 120
Jamaica	2	40			29, 381	1, 554	30, 975
Trinidad and Tobago	1, 267	22, 431	51	1, 000	395, 229	8, 368	427, 025
Other British	114	2, 102	62	1, 156	11, 448	86	14, 792
Cuba	28, 483	324, 181	9, 592	194, 284	3, 730, 963	1, 640, 658	5, 889, 186
Dominican Republic	1, 190	21, 466	202	4, 010	143, 400		168, 876
Netherlands West Indies	32	512			2, 262, 400	40, 372	2, 303, 284
Haiti	77	1, 400				950	2, 350
SOUTH AMERICA							
Argentina					140, 929, 234	334, 248	141, 263, 482
Bolivia			748	15, 000			15, 000
Brazil					16, 000		16, 000
Chile	13, 033	259, 851					259, 851
Colombia	32, 766	683, 092	94, 466	1, 930, 071	6, 700	12, 545, 965	15, 115, 829
Ecuador	49, 718	1, 014, 722					1, 014, 722
Guiana (British)	5, 179	77, 225			20, 348	1, 805	99, 078
Surinam (Netherland)	448	8, 540	122	2, 366			10, 906
Peru	63, 595	1, 239, 483	8, 766	177, 839	470	6, 104, 355	7, 522, 147
Uruguay					6, 080, 000		6, 080, 000
Venezuela	8, 481	151, 338	[1] 1, 392 42, 498	28, 776 865, 267	25, 000		1, 073, 381

[1] United States mint or assay office bars.

during the calendar year 1931

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
41,887,792	11,734,914	39,692,472	11,531,127	3,496,197	1,901,901	28,664,139
5,967	1,610					1,610
				71		71
				580		580
147,517	40,679			1,542		42,221
93,668	26,934			944		27,878
				2,105		2,105
60,082	17,112					17,112
				102		102
				898		898
				4,238		4,238
75,100	21,428					21,428
				195		195
				300	152	452
29,935	7,906	3,230,586	974,092	13,290		995,288
4,864,719	1,392,623	2,893,962	842,776	2,506,781		4,742,180
300	90			5,056	25,000	30,146
		3,193,188	922,045	28,500	706,200	1,656,745
12,771	4,334	23,714	8,013	21,740		34,087
				166,082	16,000	182,082
580	174			3,451		3,625
22,994,088	6,415,614	[1,178,732 / 29,077,521]	[52,359 / 8,405,829]	15,678	1,145,750	16,035,221
				640		640
153,992	45,379					45,379
				6,000		6,000
				225		225
				33,491		33,503
45	12					
				7,607		7,607
				536	56	592
82,766	24,930			555,000	8,178	588,108
				41,700		41,700
				4,850		4,850
				11,700	400	12,100
3,346	963					963
1,821,481	511,783					511,783
2,702,053	779,269	584	158			779,427
274	81	10,480	2,558			2,639
83,734	25,778			337		25,778
134	76					413
8,266,625	2,272,020	10	3			2,272,023

Gold and silver imports, by countries,

[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
ASIA	*Ounces (troy)*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
British India			396, 240	7, 948, 920	4, 000	110, 893	8, 063, 813
British Malaya			22, 266	463, 439	47, 950	20, 511	531, 900
Ceylon					6, 300		6, 300
China			958, 561	19, 582, 683	100, 000		19, 682, 683
Java and Madura	7, 496	151, 667	216, 144	4, 480, 634	169, 250	68, 226	4, 869, 777
Other Netherland East Indies						200	200
Hong Kong			626, 561	12, 832, 743	1, 807, 950		14, 640, 693
Japan			[1] 2, 234, 615 363, 008	45, 920, 303 7, 504. 650	90, 500, 580	55, 402, 206	199, 327, 739
Philistine						2, 100	2, 100
Philippine Islands	180, 944	3, 739, 788					3, 739, 788
OCEANIA							
Australia	383	8, 060			2, 536	2, 632, 727	2, 643, 323
New Zealand	407	8, 132	8, 556	176, 897			185, 029
AFRICA							
Belgian Congo	136	2, 721					2, 721
British South Africa	629	12, 554				167, 208	179, 762

[1] United States mint or assay office bars.

during the calendar year 1931—Continued

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
		269, 645	80, 893			80, 893
163, 042	48, 961	813, 514	242, 256			291, 217
		220	62			62
					165	165
104, 530	29, 987			62, 000		91, 987
39, 318	10, 794			838		11, 632
3, 397	1, 139	316	92			1, 231
155, 471	54, 416					54, 416
2, 907	829					829

Gold and silver imports, by customs

[Compiled by Bureau of Foreign

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	1, 830, 897	32, 694, 434	8, 154, 133	166, 112, 188	311, 766, 842	101, 545, 747	612, 119, 211
ATLANTIC COAST DISTRICT							
Maine and New Hampshire					2, 040, 025		2, 040, 025
Maryland	51, 935	1, 073, 335					1, 073, 335
Massachusetts					1, 100		1, 100
New York	197, 299	3, 837, 212	[1] 437, 483 1, 776, 625	9, 029, 080 36, 306, 600	191, 004, 641	36, 434, 362	276, 612, 495
Philadelphia			42	871			871
Puerto Rico					25, 000		25, 000
GULF COAST DISTRICT							
Florida	26, 643	291, 964			1, 565	12, 633	306, 162
New Orleans	2, 669	28, 169	3, 831	79, 075	25, 409	5, 576	138, 229
MEXICAN BORDER DISTRICT							
Arizona	19, 093	381, 861	14, 418	288, 927	1, 970	244, 953	917, 711
El Paso	2, 442	48, 827	4, 112	77, 760		237, 091	363, 678
San Antonio			91, 683	1, 867, 985	639, 880	1, 052, 451	3, 560, 316
PACIFIC COAST DISTRICT							
Alaska	2, 553	52, 739	9, 213	190, 440			243, 179
Los Angeles			[1] 5, 300	108, 600	970		109, 570
San Diego	47	728	6	96		56, 500	57, 324
San Francisco	293, 697	6, 031, 753	[1] 1, 861, 068 2, 179, 358	38, 449, 354 44, 711, 019	85, 035, 981	58, 034, 933	232, 263, 040
Washington	100, 888	2, 017, 456	[1] 373, 547 21, 693	7, 470, 949 417, 833	7, 574, 903	25, 338	17, 506, 479
NORTHERN BORDER DISTRICT							
Buffalo	208, 843	3, 607, 444			2, 674, 092		6, 281, 536
Dakota					122, 955	32, 877	155, 832
Duluth and Superior					472		472
Michigan	5, 809	74, 691	43	768	7, 340	7, 000	89, 799
Montana and Idaho					51, 377		51, 377
St. Lawrence	918, 979	15, 248, 255	1, 375, 705	27, 112, 109	22, 557, 170	5, 402, 033	70, 319, 567
Vermont					1, 992		1, 992
INTERIOR							
Utah and Nevada			6	122			122

[1] United States mint or assay office bars.

districts, during the calendar year 1931

and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
41,857,792	11,734,914	39,692,472	11,531,127	3,496,197	1,901,901	28,664,139
				23,451		23,451
9,405,249	2,595,510					2,595,510
		345	104	450		554
19,896,483	5,513,598	17,424,309	5,043,449	900,710	1,163,943	12,621,700
8,025	2,070			527		2,597
4,231	1,622			1,200		2,822
1,638,936	500,567	481,873	155,444	1,260	373,940	1,031,211
496,607	141,973	70,059	18,624		1,500	162,097
		17,805,438	5,167,960	4,536	39,025	5,211,521
				1,372		1,372
		1 178,732	52,350	7,082		60,332
				1,900	323,493	325,393
5,035,217	1,427,127	837,754	250,420	71,301		1,748,848
2,440,060	727,637			433,769		1,161,406
104,758	29,344			590,787		620,131
				265,752		265,752
				49,989		49,989
16,072	4,174			73,574		77,748
2,610,680	734,775			57,290		792,065
201,474	56,517	2,893,962	842,776	775,387		1,674,680
				234,960		234,960

Summary of exports and imports of gold and silver, calendar year 1931

Description	Gold				Silver			
	Exports			Imports	Exports			Imports
	Domestic	Foreign	Total		Domestic	Foreign	Total	
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Grand total	466, 774, 590	19, 869	466, 794, 459	612, 119, 211	21, 719, 225	4, 766, 028	26, 485, 253	28, 664, 139
In ore and base bullion	33, 354		33, 354	32, 694, 434	3, 380		3, 380	11, 734, 914
Refined bullion	385, 957, 242	5, 666	385, 962, 908	166, 112, 188	21, 664, 216	2, 092, 870	23, 757, 086	11, 531, 127
Coin:								
United States	80, 783, 994		80, 783, 994	311, 766, 842	51, 629		51, 629	3, 496, 197
Foreign		14, 203	14, 203	101, 545, 747		2, 673, 158	2, 673, 158	1, 901, 901

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the mint bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial

use; since 1928 the additional factor of gold coin "earmarked" or set aside for foreign owners, has been considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal reserve system (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Deposits and purchases of gold during

	Source and description	Philadelphia	San Francisco	Denver	New York
	Purchases	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	55.387	5,340.441	181.004	2,400.573
2	Alabama	23.850			
3	Arizona		18,781.289	650.798	29.377
4	California	6.313	241,237.336	76.382	73.170
5	Colorado		12.263	145,651.594	
6	Georgia	90.557			117.997
7	Idaho	3.771	3,793.901	455.521	
8	Montana		4,344.972	803.482	
9	Nevada		7,032.789	21.127	
10	New Mexico			585.136	63.984
11	North Carolina	296.614			23.508
12	Oklahoma			4.399	
13	Oregon		7,165.299	3.743	
14	South Carolina				20.482
15	South Dakota			426,928.588	
16	Utah		6.649	67.565	
17	Washington		28.564	16.432	
18	Wyoming			24.454	166.874
19	Philippine Islands		35,202.112		
20	Puerto Rico				35.454
21	Grains, deposit melting room	92.806	69.738	13.780	54.862
22	Total unrefined	569.298	323,015.353	575,484.005	2,986.281
	Domestic refinery bullion:				
23	Less than 0.992 fine				1,096.126
24	0.992 and over, fine	20,473.443	1,084,806.658	21.926	995,565.138
25	Total domestic purchases	21,042.741	1,407,822.011	575,505.931	999,647.545
26	Foreign coin	34,863.689	4,131,810.933	20,560.635	1,746,538.468
27	Foreign bullion, crude	12.391	1,154,661.279	8,171.387	1,517,019.281
28	Foreign bullion, refined		1,171,360.347		2,893,735.850
29	Jewelers' bars, dental scrap, etc	231,594.377	51,025.915	30,075.277	305,900.448
30	Total deposits purchased	287,513.198	7,916,680.485	634,313.230	7,462,841.592
	REDEPOSITS PURCHASED				
31	Domestic coin	430.821	51.568	99.769	9,220.502
32	Bars stamped by U. S. Government.	287.523	2,221,438.822	5.968	915,059.529
33	Surplus		1,509.100	168.052	111.724
34	Total redeposits purchased	718.344	2,222,999.490	273.789	924,391.755
35	Total purchases	288,231.542	10,139,679.975	634,587.019	8,387,233.347
	REDEPOSITS TRANSFERRED				
36	Domestic coin from Treasury	109,941.245	10,649.337	10,872.228	
37	Domestic assay coins	180.922			
38	Refined bars	42,344.535			
39	Unrefined bars		501,328.859	21,508.693	
40	Proof bullion		200.000	50.000	
41	Total redeposits transferred	152,466.702	512,178.196	32,428.921	
42	Grand total, fine ounces	440,698.244	10,651,858.171	667,015.940	8,387,233.347
	Value of—				
43	Purchases	$5,958,274.74	$209,605,787.10	$13,118,077.95	$173,379,501.24
44	Domestic coins, Treasury transfers.	$2,272,687.24	$220,141.33	$224,748.90	
45	Other transfers	$879,079.23	$10,367,521.62	$445,616.31	
46	Total value	$9,110,041.21	$220,193,450.05	$13,788,443.16	$173,379,501.24
	Number of fineness determinations required:				
47	Deposits of gold and silver	9,279	15,604	3,811	14,897
48	Redeposits purchased	34	295		208
49	Redeposits transferred	490	1,317	96	131
50	Deposits in trust	3,086			
51	Total determinations	12,889	17,216	3,907	15,236

the fiscal year ended June 30, 1932

New Orleans	Carson City	Boise	Helena	Salt Lake City	Seattle	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
					377, 504. 918	385, 482. 323	1
						23. 850	2
						19, 461. 464	3
	59. 119		4. 026	13. 293	65. 634	241. 535. 273	4
	6. 178					145, 670. 035	5
						208. 554	6
		9, 542. 833	22. 529	434. 189	300. 975	14, 553. 719	7
		8. 317	6, 063. 175	312. 281	146. 822	11, 679. 949	8
	7, 191. 900	204. 076	1. 702	108. 151	19. 851	14, 579. 596	9
						649. 120	10
						320. 122	11
						4. 399	12
		1, 819. 073			431. 978	9, 420. 093	13
						20. 482	14
						426, 928. 588	15
				98. 808		173. 022	16
		3. 168			966. 817	1, 014. 981	17
			12. 439			203. 767	18
					209. 956	35, 412. 068	19
						35. 454	20
10. 163	2. 213	6. 446	16. 601		36. 944	303. 553	21
10. 163	7, 259. 410	11, 583. 913	6, 120. 472	966. 722	379, 683. 895	1, 307, 679. 512	22
					2, 511. 823	3, 607. 949	23
312. 456					37, 686. 357	2, 138, 865. 978	24
322. 619	7, 259. 410	11, 583. 913	6, 120. 472	966. 722	419, 882. 075	3, 450, 153. 439	25
294. 934					7, 422. 612	5, 941, 491. 271	26
6, 303. 369					57, 538. 603	2, 743, 706. 310	27
					70. 207	4, 065, 171. 183	28
		4. 779					
13, 475. 158	52. 346	296. 853	416. 345	437. 611	9, 428. 477	642, 602, 807	29
20, 396. 080	7, 311. 756	11, 885. 545	6, 536. 817	1, 404. 333	494, 341. 974	16, 843, 125. 010	30
1, 029. 984					2. 248	10, 834. 892	31
						3, 136, 791. 842	32
		9. 836		1. 511		1, 800. 223	33
1, 029. 984		9. 836			2. 248	3, 149, 426. 957	34
21, 426. 064	7, 311. 756	11, 895. 381	6, 536. 817	1, 405. 844	494, 344. 222	19, 992, 551. 967	35
						131. 462. 810	36
						180. 922	37
						42, 344. 535	38
						522, 835. 552	39
10. 000			5. 000		20. 000	285. 000	40
10. 000			5. 000		20. 000	697, 108. 819	41
21, 436. 064	7, 311. 756	11, 895. 381	6, 541. 817	1, 405. 844	494, 364. 222	20, 689, 660. 786	42
$442, 912. 06	$151, 147. 45	$245, 899. 31	$135, 127. 75	$29, 061. 26	$10, 219. 002. 10	$413, 284, 790. 96	43
						$2, 717, 577. 47	44
$206. 72			$103. 36		$413. 44	$11, 692, 940. 68	45
$443, 118. 78	$151, 147. 45	$245, 899. 31	$135, 231. 11	$29, 061. 26	$10, 219, 415. 54	$427, 695, 309. 11	46
704	612	668	556	89	2, 212	48, 432	47
					16	553	48
						2, 034	49
						3, 086	50
704	612	668	556	89	2, 228	54, 105	51

Deposits and purchases of silver during

	Source and description	Philadelphia	San Francisco	Denver	New York
	PURCHASES	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1	Alaska	9.45	774.61	28.04	358.11
2	Alabama	6.66			
3	Arizona		12,040.50	590.35	4.39
4	California	1.00	68,580.04	18.67	22.45
5	Colorado		21.52	31,990.53	
6	Georgia	17.64			4.66
7	Idaho	.33	1,314.41	212.99	
8	Michigan	472.26			
9	Montana		9,866.30	284.39	
10	Nevada		6,936.82	8.53	
11	New Mexico			104.64	3.79
12	North Carolina	91.85			2.17
13	Oklahoma			.68	
14	Oregon		1,098.85	1.43	
15	South Carolina				.36
16	South Dakota			109,214.11	
17	Utah		4.12	8.05	
18	Washington		33.33	3.07	
19	Wyoming			3.45	14.76
20	Philippine Islands		14,678.34		
21	Puerto Rico				3.59
22	Grains, deposit melting room	88.93	47.57	9.23	26.57
23	Total unrefined	688.12	115,396.41	142,478.16	440.85
	Domestic refinery bullion:				
24	Less than 0.998 fine				41,973.45
25	0.998 and over fine		8,495.82		207,762.79
26	Total domestic purchases	688.12	123,892.23	142,478.16	250,177.09
27	Foreign coin	237.70	7.04	.10	365,475.26
28	Foreign bullion, crude	1.12	722,916.00	16,423.15	200,664.31
29	Foreign bullion, refined				35,829.93
30	Jewelers' bars, dental scrap, etc	171,391.88	166,810.79	27,180.47	298,137.04
31	Total deposit purchases	172,318.82	1,013,626.06	186,081.88	1,150,283.63
	REDEPOSITS PURCHASED				
32	Domestic coin	2,054.87	284.66	492.71	
33	Bars stamped by U. S. Government				724.44
34	Surplus (recoveries)		8.98	1,202.64	52.44
35	Total redeposits purchased	2,054.87	293.64	1,695.35	776.88
36	Total purchases	174,373.69	1,013,919.70	187,777.23	1,151,060.51
	REDEPOSITS TRANSFERRED				
37	Domestic coin from Treasury	3,603,432.05	751,576.91	579,293.32	
38	Domestic assay coins	12.95			
39	Refinery bars				636,944.35
40	Unrefined bars		86,700.46	12,097.08	
41	Proof bullion		50.00		25.00
42	Total redeposits transferred	3,603,445.00	838,327.37	591,390.40	636,969.35
	DEPOSITED IN TRUST				
43	Domestic bullion refined	2,125,118.40			
44	Foreign bullion refined	805,456.89			
45	Foreign coin	328,462.05			
46	Bars bearing U. S. Government stamp	805.69			
47	Total trust deposits	3,259,843.03			
48	Grand total, fine ounces	7,037,661.72	1,852,247.07	779,167.63	1,788,029.86
	VALUE				
49	Cost of purchases	$50,124.67	$291,410.34	$54,021.49	$332,189.40
50	Cost of bullion transferred		24,572.75	3,506.20	299,741.93
51	Coining value of subsidiary bullion purchased	238,215.06	1,401,258.05	258,903.78	1,591,236.23
52	Subsidiary coining value of purchased and transferred domestic coin	4,984,274.92	1,039,380.09	801,501.34	

the fiscal year ended June 30, 1932

New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Total	
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
				52,594.58		53,704.79	1
						6.66	2
						12,635.24	3
	9.54		2.46	9.15	3.37	68,646.68	4
	8.04					32,020.09	5
						22.30	6
		4,700.57	2.54	179.40	61.58	6,471.82	7
						472.26	8
		.66	1,292.15	75.00	599.08	12,117.58	9
	16,335.35	173.62	1.10	21.82	25.44	23,502.68	10
						108.43	11
						94.02	12
						.68	13
		387.54		77.58		1,565.40	14
						.36	15
						109,214.11	16
					53.88	66.05	17
		.55		92.15		129.10	18
			1.05			19.26	19
				92.33		14,770.67	20
						3.59	21
9.79	1.64	3.04	24.52	6.92		218.21	22
9.79	16,354.57	5,265.98	1,323.82	53,148.93	743.35	335,849.98	23
				25.40		41,998.85	24
						216,258.61	25
9.79	16,354.57	5,265.98	1,323.82	53,174.33	743.35	594,107.44	26
						365,720.19	27
5,162.01		1.95		8,944.08		954,112.62	28
						35,829.93	29
9,767.00	16.11	70.35	270.31	3,812.25	258.33	677,714.53	30
14,938.80	16,370.68	5,338.28	1,594.13	65,930.66	1,001.68	2,627,484.62	31
						2,832.24	32
						724.44	33
		44.77				1,308.83	34
		44.77				4,865.51	35
14,938.80	16,370.68	5,383.05	1,594.13	65,930.66	1,001.68	2,632,350.13	36
						4,934,302.28	37
						12.95	38
						636,944.35	39
						98,797.54	40
						100.00	41
	25.00					5,670,157.12	42
	25.00						
						2,125,118.40	43
						805,456.89	44
						328,462.05	45
						805.69	46
						3,259,843.03	47
14,938.80	16,395.68	5,383.05	1,594.13	65,930.66	1,001.68	11,562,350.28	48
$4,271.93	$4,650.84	$1,532.91	$454.80	$18,931.58	$284.94	$757,872.90	49
	11.82					328,137.70	50
20,661.53	22,630.97	7,441.58	2,203.74	91,143.13	1,384.73	3,633,068.80	51
						6,825,156.35	52

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis, see p. 62]

Fiscal year ended June 30—[1]	Character of gold deposited					
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	Total
1873–1880	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–1890	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–1910	1,027,923,621	24,424,096	292,690,021	151,141,502	50,674,530	1,546,853,770
1911–1920	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921	72,714,480	1,857,929	509,493,374	76,813,705	12,798,620	673,708,108
1922	69,746,328	2,491,089	346,479,206	123,967,764	14,300,128	556,984,513
1923	74,102,607	2,340,594	192,071,404	48,803,348	12,834,532	330,151,885
1924	81,777,074	3,008,442	276,706,141	116,698,431	13,242,795	491,432,883
1925	78,677,663	1,812,398	83,062,092	34,418,655	13,194,277	211,165,085
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,245	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
Total	4,339,184,146	164,179,189	3,663,944,116	1,898,668,334	345,934,024	10,411,909,809

[1] Data for individual years published in reports of Director of the Mint for 1931 and for prior years.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis, see p. 62]

Fiscal year ended June 30—[1]	Character of silver deposited							
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	Total
		United States	Hawaiian		Philippines, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–1880	134,328,580	936,884	----------	9,650,739	----------	2,432,822	1,485,882	148,834,907
1881–1890	262,693,183	9,520,744	----------	13,592,062	----------	6,802,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524	----------	10,741,204	----------	3,586,744	5,206,736	262,437,730
1901–1910	77,154,402	13,920,767	618,016	19,003,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–1920	75,026,914	18,198,526	708	19,881,277	4,288,901	17,880,262	7,687,482	142,964,070
1921	63,540,085	1,507,894	----------	2,158,717	----------	763,075	830,570	67,800,311
1922	51,994,780	1,734,696	----------	1,705,424	----------	5,219,623	745,708	61,401,231
1923	68,903,846	2,367,425	----------	1,522,320	----------	198,834	768,359	73,760,784
1924	17,690,587	1,492,359	----------	3,296,980	----------	113,755	880,430	23,474,111
1925	1,692,032	1,764,224	----------	2,030,099	----------	182,265	895,840	6,564,460
1926	2,127,588	1,828,582	----------	3,271,270	----------	301,311	930,415	8,459,166
1927	5,131,165	2,630,930	----------	1,716,409	----------	36,407	843,261	10,358,172
1928	3,074,950	2,818,357	----------	2,427,284	----------	13,491	844,760	9,178,842
1929	1,432,527	2,524,217	----------	1,496,357	----------	17,224	925,660	6,395,985
1930	2,658,439	2,853,485	----------	2,617,943	----------	19,367	959,417	9,108,651
1931	1,566,216	3,615,196	----------	1,333,817	----------	78,174	583,107	7,176,510
1932	594,613	4,937,134	----------	989,943	----------	365,720	679,242	7,566,652
Total	977,192,399	106,971,944	618,724	97,435,587	36,883,860	45,678,753	34,007,005	1,298,788,272

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

Domestic coins, including assay pieces, withdrawn from

Denomination	Philadelphia		San Francisco		Denver	
	From Treasury stock	Purchased over the counter and assay pieces	From Treasury stock	Purchased over the counter	From Treasury stock	Purchased over the counter
GOLD						
Double eagles	$704, 980. 00	$5, 740. 00	$55, 180. 00	$180. 00	$69, 260. 00	$440. 00
Eagles	687, 520. 00	3, 300. 00	52, 120. 00	220. 00	64, 650. 00	440. 00
Half eagles	848, 020. 00	2, 705. 00	105, 685. 00	310. 00	87, 205. 00	1, 125. 00
Quarter eagles	47, 535. 00	955. 00	8, 292. 50	345. 00	5, 837. 50	102. 50
$3 pieces	114. 00	21. 00	6. 00			
Dollars	366. 00	71. 00	1. 00	19. 00		34. 00
Total gold	2, 288, 535. 00	12, 792. 00	222, 284. 50	1, 074. 00	226, 952. 50	2, 141. 50
SILVER						
Trade dollars		30. 00				
Standard dollars		102. 00		140. 00		200. 00
Half dollars	1, 766, 489. 50	999. 50	747, 135. 50	129. 00	379, 097. 00	168. 50
Quarter dollars	2, 764, 097. 25	893. 50	257, 515. 75	81. 75	359, 585. 25	205. 00
20-cent pieces	12. 80		. 20			
Dimes	935, 194. 30	973. 30	113, 683. 50	51. 10	155, 149. 70	147. 20
Half dimes	227. 60	. 15	20. 25			9. 80
3-cent pieces	97. 59		. 48			
Total silver	5, 466, 119. 04	2, 998. 45	1, 118, 355. 68	401. 85	893, 831. 95	730. 50
NICKEL						
5-cent pieces	406, 586. 80	49. 15	24, 263. 85		48, 432. 95	12. 30
3-cent pieces	157. 68		. 90			
1-cent pieces	167. 97					
Total nickel	406, 912. 45	49. 15	24, 264. 75		48, 432. 95	12. 30
BRONZE						
2-cent pieces	142. 80					
1-cent pieces	89, 078. 38	90. 70	2, 446. 44		4, 319. 74	7. 83
Total bronze	89, 221. 18	90. 70	2, 446. 44		4, 319. 74	7. 83
COPPER						
1-cent pieces	102. 66					
Total face value	8, 250, 890. 33	15, 615. 30	1, 367, 351. 37	1, 475. 85	1, 173, 537. 14	2, 892. 13
SUMMARY						
Metal obtained by melting the above:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Gold	109, 941. 247	611. 743	10, 649. 337	51. 568	10, 872. 228	99. 769
Silver	3, 603, 432. 05	2, 065. 82	751, 576. 91	284. 66	579, 293. 32	492. 71
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Nickel	1, 236, 814. 27	187. 35	73, 368. 00		144, 950. 45	36. 17
Bronze	870, 064. 31	905. 77	23, 989. 00		41, 996. 37	76. 41
Copper	3, 321. 50					
Recoinage value:						
Gold	$2, 272, 687. 25	$12, 645. 85	$220, 141. 33	1, 066. 01	$224, 748. 90	$2, 062. 41
Silver	4, 981, 416. 27	2, 858. 57	1, 038, 986. 50	393. 48	800, 820. 20	681. 13
Nickel	384, 172. 63	48. 95	22, 820. 50		45, 085. 66	11. 24
Bronze	87, 006. 42	90. 58	2, 398. 90		4, 199. 63	7. 63
Copper	94. 89					
Total	7, 725, 377. 46	15, 643. 95	1, 284, 347. 23	1, 459. 49	1, 074, 854. 39	2, 762. 41
Loss by recoinage:						
Gold	15, 847. 75	146. 15	2, 143. 17	7. 99	2, 203. 60	79. 09
Silver	484, 702. 77	139. 88	79, 369. 18	8. 37	93, 011. 75	49. 37
Nickel	22, 739. 82	. 20	1, 444. 25		3, 347. 29	1. 06
Bronze	2, 214. 76	. 12	47. 54		120. 11	. 20
Copper	7. 77					
Total	525, 512. 87	286. 35	83, 004. 14	16. 36	98, 682. 75	129. 72

monetary use during fiscal year ended June 30, 1932

New York	New Orleans	Seattle	Total		
Purchased over the counter	Purchased over the counter	Purchased over the counter	From Treasury stock	Purchased over the counter and assay pieces	Grand total
$39,100.00	$5,800.00		$830,420.00	$51,260.00	$881,680.00
56,780.00	6,500.00		804,290.00	67,240.00	871,530.00
93,380.00	8,050.00		1,040,910.00	105,570.00	1,146,480.00
2,897.50	1,170.00	$47.50	61,665.00	5,517.50	67,182.50
108.00			120.00	129.00	249.00
312.00	33.00	1.00	367.00	470.00	837.00
192,577.50	21,553.00	48.50	2,737,772.00	230,186.50	2,967,958.50
				30.00	30.00
				442.00	442.00
			2,892,722.00	1,297.00	2,894,019.00
			3,381,198.25	1,180.25	3,382,378.50
			13.00		13.00
			1,204,027.50	1,171.60	1,205,199.10
			247.85	9.95	257.80
			98.07		98.07
			7,478,306.67	4,130.80	7,482,437.47
			479,283.60	61.45	479,345.05
			158.58		158.58
			167.97		167.97
			479,610.15	61.45	479,671.60
			142.80		142.80
			95,844.56	98.53	95,943.09
			95,987.36	98.53	96,085.89
			102.66		102.66
192,577.50	21,371.00	48.50	10,791,778.84	233,980.28	11,026,256.12
Fine ounces 9,220.502	*Fine ounces* 1,029.984	*Fine ounces* 2.248	*Fine ounces* 131,462.812	*Fine ounces* 11,015.814	*Fine ounces* 142,478.626
			4,934,302.28	2,843.19	4,937,145.47
Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
			1,455,132.72	193.52	1,455,326.24
			936,049.68	982.18	937,031.86
			3,321.50		3,321.50
$190,604.69	$21,289.03	$46.47	$2,717,577.48	$227,714.46	$2,945,291.94
			6,821,222.97	3,933.18	6,825,156.15
			452,078.79	60.19	452,138.98
			93,604.95	98.21	93,703.16
			94.89		94.89
190,604.69	21,289.03	46.47	10,084,579.08	231,806.04	10,316,385.12
1,972.81	263.97	2.03	20,194.52	2,472.04	22,666.56
			657,083.70	197.62	657,281.32
			27,531.36	1.26	27,532.62
			2,382.41	.32	2,382.73
			7.77		7.77
1,972.81	263.97	2.03	707,199.76	2,671.24	709,871.00

Losses and Gains on Withdrawn Coin

The loss on face value of gold coin totaling $2,967,958.50 withdrawn from circulation during the fiscal year 1932 was $22,666.56, of which $5,730.14 was reimbursable from the appropriation provided for that purpose. The loss on face value of silver coin totaling $7,482,437.47 withdrawn from circulation was $657,281.32, all being reimbursable from the appropriation provided. The reimbursable loss, provided for by appropriation, on minor coin totaling $575,860.15 withdrawn during the fiscal year was $29,923.12.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin, since 1883

Fiscal year [1]	Amount	Fiscal year: [1]	Amount
1883–1890	$67,837	1926	$2,594
1891–1900	106,188	1927	3,638
1901–1910	14,939	1928	1,394
1911–1920	13,986	1929	882
1921	948	1930	1,329
1922	2,447	1931	1,198
1923	2,635	1932	442
1924	1,918		
1925	1,773	Total	224,113

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face value	Value of new coin producible	Loss	Fiscal year [1]	Face value	Value of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1927	$3,936,868	$3,637,021	$299,847
1901–1910	20,479,140	19,225,132	1,254,008	1928	4,224,510	3,896,122	328,388
1911–1920	[2] 26,181,212	25,525,323	655,889	1929	3,803,020	3,489,500	313,520
1921	[1] 746,284	702,116	44,168	1930	4,347,695	3,944,682	403,013
1922	2,571,425	2,398,058	173,367	1931	5,487,496	4,997,679	489,817
1923	3,508,345	3,272,750	235,595	1932	7,482,437	6,825,156	657,281
1924	2,224,110	2,063,050	161,060				
1925	2,650,726	2,438,878	211,848	Total	145,363,366	137,505,598	7,857,768
1926	2,746,730	2,527,848	218,882				

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of April 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year ending June 30, 1932

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total coining value	Total fine ounces
North America:					
Canada	$10,416,353	$54,303,338	$150,846	$64,870,537	3,138,112
British Columbia	685,854			685,854	33,178
Nova Scotia	1,474			1,474	71
Mexico	495,891	6,758,760	13,671,340	20,925,991	1,012,295
Dominican Republic	73,443			73,443	3,553
British West Indies	58,757			58,757	2,843
Cuba	786		2,229,420	2,230,206	107,886
Central America	532,254		19,251	551,505	26,679
South America	3,629,979		9,873,389	13,503,368	653,225
Europe:					
Austria			2,021,854	2,021,854	97,807
Denmark			1,045	1,045	51
France			35,689	35,689	1,726
Germany			12,897	12,897	624
Great Britain	1,505,964	5,980,279	16,050,163	23,536,406	1,138,574
Holland			3,534	3,534	171
Hungary			2,336	2,336	113
Portugal			1,922	1,922	93
Spain			32,474	32,474	1,571
Sweden			2,241	2,241	108
Turkey			10,015	10,015	485
Asia:					
China	23,375,852	7,769,488		31,145,340	1,506,656
India	14,762,673	124,858		14,887,531	720,184
Japan		8,964,114	78,492,706	87,456,820	4,230,724
Palestine	9,719			9,719	470
Straits Settlements	916,711	133,705		1,050,416	50,814
Africa: East Africa	455			455	22
Oceania: New Zealand	251,272			251,272	12,155
Mixed coin			210,397	210,397	10,178
Total value	56,717,437	84,034,542	122,821,519	263,573,498	
Total fine ounces	2,743,706	4,065,171	5,941,491		12,750,368

Deposits of foreign silver bullion and coin during the fiscal year ending June 30, 1932

[On quantity basis, see p. 62]

Country	Crude bullion	Refined bullion	Coin	Total	Total subsidiary coining value
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	
Canada	154,706	20,487		175,193	$242,188
British Columbia	2,588			2,588	3,578
Nova Scotia	6			6	8
Mexico	743,135	15,343		758,478	1,048,527
Dominican Republic	196			196	271
British West Indies	508			508	702
Cuba	7			7	10
Central America	12,653			12,653	17,491
South America	7,566		3,119	10,685	14,771
Europe:					
Spain			7	7	10
Asia:					
China	19,020			19,020	26,293
India	10,595			10,595	14,647
Palestine	31			31	43
Straits Settlements	2,649			2,649	3,662
Africa: East Africa	2			2	3
Oceania: New Zealand	449			449	621
Mixed coin			362,594	362,594	501,253
Total fine ounces	954,111	35,830	365,720	1,355,661	
Total subsidiary coining value	$1,318,971	$49,532	$505,575		1,874,078

The deposits of foreign silver received in trust for use in coinage for other governments amounted to 1,133,919 fine ounces not included in the above table and consisting of 93,818 ounces of Canadian refined bullion, 305,544 ounces of Mexican refined bullion, 711,639 ounces of Mexican bullion, and 22,918 ounces of Panama coin.

Gold and silver domestic exports, by countries, during the fiscal year ended June, 1932

[Compiled by Bureau of Foreign and Domestic Commerce]

Countries	GOLD						SILVER					
	Ore and base bullion		Bullion, refined		United States coin	Total gold	Ore and base bullion		Bullion, refined		United States coin	Total silver
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Ounces (troy)*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,732	46,472	51,171,323	1,056,433,488	163,863,560	1,220,343,520	11,766	4,993	51,993,696	14,934,780	29,389	14,969,162
EUROPE												
Austria					176,920	176,920						
Belgium			[1] 4,381,892	90,590,020	8,616,200	99,206,220						
Czechoslovakia					40,000	40,000						
France			[1] 35,427,091	731,580,372	42,118,280	773,698,652			141,808	41,348		41,348
Germany			[1] 467,786	9,669,480	5,054,400	14,745,673			8,803,364	2,605,160		2,605,160
			1,048	21,793								
Hungary					70,000	70,000						
Italy			[1] 261,770	5,406,241	20,700	5,426,941			399	120		120
Latvia					2,000	2,000						
Netherlands			[1] 4,073,507	84,195,591	81,400,550	165,604,029						
			382	7,888								
Norway												
Poland and Danzig			[1] 14,194	293,426	388,600	682,026			11,912	4,052		4,052
Portugal			[1] 215,476	4,454,277	20,000	4,474,277						
Rumania					4,500	4,500						
Sweden					34,620	34,620						
Switzerland			[1] 5,811,237	120,120,786	17,976,615	138,097,401						
United Kingdom	947	13,383	[1] 319,584	6,013,131	4,660,690	10,687,204	1,814	518	[1] 121,641	34,688		1,875,523
									6,348,088	1,840,317		
Yugoslavia					22,000	22,000						
NORTH AMERICA												
Canada	1,785	33,089	[1] 487	10,071	97,302	169,181	9,952	4,475	[1] 18,680	5,828	21,389	418,405
			1,377	28,719					1,288,533	386,713		
Central America:												
Costa Rica					3,000	3,000						
Honduras					50,000	50,000						
Salvador					50,000	50,000						
Mexico					2,756,493	2,756,493						
West Indies and Bermuda:												
Trinidad and Tobago									3,200	1,105		1,105
Dominican Republic											8,000	8,000

SOUTH AMERICA												
Colombia					300	300			5,013	1,598		1,598
Guiana-Surinam					212,340	1,208,313			2,137	612		612
Peru			148,181	995,973	52,000	52,000						
Venezuela												
ASIA												
British India									[1] 872,515	261,890		2,484,288
									7,663,095	2,222,398		
									[1] 147,620	44,017		6,574,906
									23,186,773	6,530,889		
China									[1] 61,665	17,571		805,231
					20,050	20,050			2,819,793	787,660		
Hong Kong									[1] 10,000	2,894		148,814
			2,000	41,880		41,880			487,460	145,920		
Japan												
Turkey			[1] 145,311	3,003,840		3,003,840						
AFRICA												
Morocco					16,000	16,000						

[1] United States mint or assay office bars.

Gold and silver domestic exports, by customs districts during the fiscal year ended June, 1932

[Compiled by Bureau of Foreign and Domestic Commerce]

Customs districts	GOLD						SILVER					
	Ore and base bullion		Bullion, refined		United States coin	Total gold	Ore and base bullion		Bullion, refined		United States coin	Total silver
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Ounces (troy)*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*
Domestic exports	2,732	46,472	51,171,323	1,056,433,488	163,863,560	1,220,343,520	11,766	4,993	51,993,696	14,934,780	29,389	14,969,162
ATLANTIC COAST												
Maine and New Hampshire					30	30					49	49
New York			[1] 51,166,029 3,430	1,056,323,137 71,561	163,561,415	1,219,956,113			[1] 811,867 33,862,457	245,177 9,765,877	8,000	10,019,054
MEXICAN BORDER												
Arizona					14,793	14,793						
El Paso					25,000	25,000						
San Antonio					95,000	95,000						
PACIFIC COAST												
San Francisco	947	13,383			70,050	83,433	1,814	518	[1] 401,574 15,610,585	115,883 4,415,302		4,531,703
Washington	871	17,531	81	1,637	22,080	41,248	7,556	3,760	2,259	822		4,582
NORTHERN BORDER												
Buffalo	914	15,558	481	9,890	25,050	50,498	1,596	447	[1] 18,680 1,106,311	5,828 330,974		337,249
Dakota			77	1,603	40,000	41,603			50	15		15
Michigan			608	12,975	142	13,117	800	268				268
St. Lawrence			[1] 487	10,071	10,000	20,071					21,340	21,340
Vermont			130	2,614		2,614			179,913	54,902		54,902

[1] United States mint or assay office bars.

Gold and silver foreign exports, by countries and customs districts, during the fiscal year ended June, 1932

[Compiled by Bureau of Foreign and Domestic Commerce]

Countries and customs districts	GOLD				SILVER			
	Bullion, refined		Foreign coin	Total gold	Bullion, refined		Foreign coin	Total silver
	Ounces (troy)	*Dollars*	*Dollars*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*
Foreign exports	188, 807	4, 495, 553	9, 004, 467	13, 500, 020	6, 639, 332	1, 915, 978	3, 093, 753	5, 009, 731
COUNTRIES								
EUROPE								
France			8, 888, 425	8, 888, 425	30, 085	8, 349		8, 349
Germany					977, 060	287, 500		287, 500
Poland and Danzig			1, 600	1, 600				
United Kingdom	188, 622	4, 491, 608	97, 234	4, 588, 842	396, 845	117, 905		117, 905
NORTH AMERICA								
Canada	185	3, 945	1, 788	5, 733	223	71	1, 065, 084	1, 065, 155
Central America:							179, 500	179, 500
Honduras							300	300
Nicaragua							233, 217	233, 217
Panama							637, 450	637, 450
Mexico			15, 420	15, 420				
West Indies and Bermudas:								
Cuba							848, 269	848, 269
SOUTH AMERICA								
Colombia							129, 933	129, 933
ASIA								
British India					736, 734	214, 425		214, 425
China					4, 130, 297	1, 184, 610		1, 184, 610
Hong Kong					368, 088	103, 118		103, 118
CUSTOMS DISTRICTS								
ATLANTIC COAST								
Maine and New Hampshire	1	21		21	159	53	1, 121	1, 174
New York	188, 622	4, 491, 608	8, 987, 259	13, 478, 867	4, 594, 614	1, 318, 849	1, 390, 148	2, 708, 997
GULF COAST								
Florida							771	771

Gold and silver foreign exports, by countries and customs districts, during the fiscal year ended June, 1932—Continued

[Compiled by Bureau of Foreign and Domestic Commerce]

Countries and customs districts	GOLD				SILVER			
	Bullion, refined		Foreign coin	Total gold	Bullion, refined		Foreign coin	Total silver
MEXICAN BORDER	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*
Arizona			10,420	10,420			336,922	336,922
El Paso							6,600	6,600
San Antonio			5,000	5,000				
PACIFIC COAST								
Alaska							500	500
San Diego							293,928	293,928
San Francisco					2,044,495	597,058	300	597,358
Washington			10	10			163,853	163,853
NORTHERN BORDER								
Buffalo			337	337			357,920	357,920
Dakota			588	588	64	18	49,167	49,185
Duluth and Superior							2,483	2,483
Michigan	184	3,924		3,924			110,243	110,243
Montana and Idaho							11,943	11,943
St. Lawrence			190	190			266,560	266,560
Vermont			663	663			101,294	101,294

Gold and silver imports, by countries,

[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	1,665,807	29,623,629	8,461,187	173,463,834	196,539,282	120,401,272	520,028,017
EUROPE							
Belgium	281	5,625	42	871			6,496
Czechoslovakia							
Denmark					866,500		866,500
Finland					50		50
France	7,924	156,919			4,185		161,104
Germany	169	3,280			11,059,820		11,063,100
Gibraltar							
Hungary					500		500
Irish Free State					140		140
Italy	138	2,760				579	3,339
Netherlands							
Norway							
Poland and Danzig							
Spain	1,386	27,720			5,701	57	33,478
Sweden	27,700	554,000	[1] 145,675	3,000,904		2,017,896	5,572,800
Switzerland						55,158	55,158
United Kingdom	692	13,861	377,058	7,692,091	14,726	7,000	7,727,678
NORTH AMERICA							
Canada	1,000,950	16,979,641	1,826,344	37,467,816	12,935,367	3,460,018	70,842,842
Central America:							
Costa Rica	435	7,600	4,101	78,813	5,420		91,833
Guatemala	4,615	73,113	8,922	179,578	30,000		282,691
Honduras	368	7,006	15,149	300,989		1,500	309,495
Nicaragua	9,049	110,702	9,053	186,259	84,291		381,252
Panama	357	6,795	1,404	27,129	40,150	14,086	88,160
Salvador	234	4,771	75	1,500	157,055		163,326
Mexico	160,389	3,289,967	413,302	8,442,394	3,014,523	13,351,254	28,098,138
Miquelon and St. Pierre Islands							
Newfoundland and Labrador							
West Indies and Bermudas:	3,179	64,094			501,100		565,194
British—							
Bermudas					29,000	26,918	55,918
Barbados					500	1,620	2,120
Jamaica			53	1,060	52,746	2,348	56,154
Trinidad and Tobago	2,168	39,033	777	16,000	230,829	12,917	298,779
Other British	64	1,148	62	1,156	25,713	1,979	29,996
Cuba	68,609	691,600	3,883	77,568	264,118	2,256,008	3,289,294
Dominican Republic	2,892	51,141	2,242	38,698	190,865	675	281,379
Netherland West Indies	32	512	50	1,000	1,425,368	16,950	1,443,830
Haiti, Republic of						950	950
Virgin Islands of United States					1,878		1,878
SOUTH AMERICA							
Argentina							
Bolivia			146	2,754	66,834,660	1,311,803	68,149,217
Brazil	75	1,337	840	17,300			18,637
Chile					75,000	1,234,392	1,309,392
Colombia	11,502	228,996	92	1,880			230,876
Ecuador	12,899	242,766	93,086	1,912,593	13,600	6,179,600	8,348,559
Guiana:	53,943	1,102,752					1,102,752
British	11,699	195,544	65	1,300	28,334	4,351	229,529
Surinam			122	2,366			2,366
Peru	55,850	1,080,145	55,409	1,109,384		5,059,808	7,249,337
Uruguay					6,750,000		6,750,000
Venezuela	15,632	297,517	[1] 1,392 48,014	28,776 982,959	74,755		1,384,007

[1] United States mint or assay office bars.

during the fiscal year ended June, 1932

and Domestic Commerce]

Silver						
Ores and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
29,806,409	8,370,307	40,714,203	12,016,106	3,071,986	1,925,290	25,383,689
2,760	711					711
				71		71
				580		580
81,607	21,507			8,366		29,873
5,425	1,502			1,541		3,043
				2,105		2,105
				200		200
				7		7
8,112	2,519			150	1,050	3,719
				102		102
				1,230		1,230
				3,599		3,599
52,183	14,324					14,324
				369		369
				300	152	452
2,386	620	4,604,075	1,384,092	17,426	25,000	1,427,138
4,286,885	1,209,732	1,698,293	516,378	2,083,246		3,809,356
300	90			3,658		3,748
		3,418,457	989,255	1,890	901,425	1,892,570
12,417	4,619	27,063	8,103	16,448	9,400	38,570
		181,406	54,422	446,245		500,667
				5,930		6,664
2,366	734					
17,518,445	4,892,913	[1] 140,068 27,735,464	39,923 8,157,193	16,612	979,472	14,086,113
				640		640
267,252	78,492					78,492
				11,500		11,500
				225		225
				67,369	171	67,540
				1,202		1,202
				336	13	349
86,800	23,230			240,007	8,049	271,286
				60,500		60,500
				4,265		4,265
				5,100	400	5,500
31,457	8,515					8,515
264,404	69,681					69,681
1,531,840	434,837					434,837
187	51	687	196			247
105,552	32,153					32,153
134	76			425		501
5,295,117	1,502,111					1,502,111
		400	125			125

Gold and silver imports, by countries,

[Compiled by Bureau of Foreign

Countries	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
ASIA	*Ounces (troy)*	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
British India			768, 704	15, 372, 153	4, 645	183, 891	15, 560, 689
British Malaya			39, 110	803, 105	9, 300	20, 511	832, 916
China			825, 674	17, 087, 143	102, 130		17, 189, 273
Ceylon					23, 282	400	23, 682
Netherland East Indies	5, 112	103, 053	231, 380	4, 796, 564	103, 720		5, 003, 337
Hong Kong			513, 573	10, 530, 991	1, 074, 240	203, 502	11, 808, 733
Japan			[1] 2, 234, 615	45, 920, 303	90, 500, 580	78, 511, 986	232, 042, 429
			827, 647	17, 109, 560			
Philippine Islands	205, 989	4, 250, 703				2, 000	4, 252, 703
Palestine						9, 600	9, 600
OCEANIA							
Australia	636	12, 774	93	1, 931	4, 491	6, 270, 699	6, 289, 895
New Zealand			13, 033	268, 946			268, 946
AFRICA							
British South Africa	839	16, 754				180, 816	197, 570

[1] United States mint or assay office bars.

during the fiscal year ended June, 1932—Continued

and Domestic Commerce]

Silver						
Ores and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
		1,816,754	545,024			545,020
				151		151
95,092	27,451	919,615	270,139			297,590
				5,500		5,500
		171,411	51,109			51,109
127,611	36,877			62,000		98,877
27,601	7,426			2,691	158	10,275
		510	147			147
476	136					136

Gold and silver imports, by customs

[Compiled by Bureau of For-

Customs districts	Gold						
	Ore and base bullion		Bullion, refined		Coin		Total gold
					United States	Foreign	
	Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Imports	1, 665, 807	29, 623, 629	8, 461, 187	173, 463, 834	196, 539, 282	120, 401, 272	520, 028, 017
ATLANTIC COAST							
Maine and New Hampshire					2, 040, 040		2, 040, 040
Maryland	46, 948	970, 327					970, 327
Massachusetts					1, 100		1, 100
Philadelphia	10	209	42	871			1, 080
New York	172, 274	3, 339, 055	[1]147, 067	3, 029, 680	88, 747, 456	29, 860, 068	158, 783, 992
			[1]1, 670, 498	33, 807, 733			
Puerto Rico					103, 315		103, 315
GULF COAST							
Florida	68, 222	685, 165	179	3, 000	13, 463	12, 633	714, 261
New Orleans	7, 318	76, 122	1, 076	22, 041	1, 389	401	99, 953
MEXICAN BORDER							
Arizona	21, 854	437, 075	33, 062	661, 220	1, 970	258, 080	1, 358, 345
El Paso	1, 776	35, 517	1, 195	24, 510	2, 095, 000	237, 001	2, 392, 118
San Antonio			128, 398	2, 579, 938	723, 989	1, 482, 811	4, 786, 738
PACIFIC COAST							
Alaska	3, 663	75, 691	9, 213	190, 440			266, 131
Los Angeles	5, 329	109, 220			1, 582		110, 802
San Diego	39	617	3	50		56, 500	57, 167
San Francisco	318, 984	6, 550, 833	[1]11, 861, 068	38, 449, 354	84, 415, 284	85, 026, 670	264, 392, 246
			[2]2, 418, 900	49, 950, 105			
Washington	113, 695	2, 273, 556	[1]373, 547	7, 470, 949	7, 575, 603	25, 308	18, 178, 927
			[2] 42, 200	833, 511			
NORTHERN BORDER							
Buffalo	131, 815	2, 220, 739	183	3, 810	1, 674, 092		3, 898, 641
Dakota					2, 022, 955	32, 877	2, 055, 832
Duluth and Superior					472		472
Michigan	6, 320	75, 931	43	768	7, 530	7, 000	91, 229
Montana and Idaho					51, 377		51, 377
St. Lawrence	767, 560	12, 773, 572	1, 774, 513	36, 435, 854	7, 057, 020	3, 401, 833	59, 668, 279
Vermont					5, 645		5, 645

[1] United States mint or assay office bars.

Summary of exports and imports of gold

Description	Gold		
	Exports		
	Domestic	Foreign	Total
	Dollars	*Dollars*	*Dollars*
Grand total	1, 220, 343, 520	13, 500, 020	1, 233, 843, 540
In ore and base bullion	46, 472		46, 472
Refined bullion	1, 056, 433, 488	4, 495, 553	1, 060, 929, 041
Coin:			
United States	163, 863, 560		163, 863, 560
Foreign		9, 004, 467	9, 004, 467

districts, fiscal year ended June, 1932

eign and Domestic Commerce]

Silver						
Ore and base bullion		Bullion, refined		Coin		Total silver
				United States	Foreign	
Ounces (troy)	*Dollars*	*Ounces (troy)*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
29,806,409	8,370,307	40,714,203	12,016,106	3,071,986	1,925,290	25,383,689
				28,297		28,297
6,942,293	1,911,995					1,911,995
		1 1,336	373	450		927
		345	104			
12,464,368	3,478,741	21,864,163	6,397,150	887,209	1,344,052	12,107,152
35,490	7,902			527		8,429
5,493	2,670	19	13			2,683
1,174,314	332,327	652,355	200,118	2,783	338,732	873,960
217,549	61,725	38,888	10,538		4,815	77,078
		15,228,644	4,530,481	5,847	15,140	4,551,468
				1,412		1,412
40,000	12,800	1 138,732	39,550	7,982		60,332
					212,993	212,993
4,635,866	1,353,553	1,393,412	412,371	84,515	9,558	1,859,997
1,780,988	501,426			519,021		1,020,447
49,158	14,393	12,859	3,854	316,960		335,207
				242,447		242,447
				36,397		36,397
				74,074		78,708
16,907	4,634			47,535		734,710
2,440,680	687,175			518,410		940,930
3,303	966	1,383,450	421,554	298,120		298,120

and silver, fiscal year ended June, 1932

Gold imports	Silver			
	Exports			Imports
	Domestic	Foreign	Total	
Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
520,028,017	14,969,162	5,009,731	19,978,893	25,383,689
29,623,629	4,993		4,993	8,370,307
173,463,834	14,934,780	1,915,978	16,850,758	12,016,106
196,539,282	29,389		29,389	3,071,986
120,401,272		3,093,753	3,093,753	1,925,290

Imports and exports of United States gold coin, by fiscal years, since 1870

[From United States import and export statistics]

Fiscal year ended June 30 [1]—	Imports	Exports	Fiscal year ended June 30 [1]—	Imports	Exports
1870–1877		$281, 207, 579	1926	$53, 171, 273	$99, 785, 784
1878–1880	$29, 188, 201	12, 235, 535	1927	73, 379, 780	78, 880, 733
1881–1890	43, 747, 793	71, 195, 757	1928	33, 836, 300	252, 575, 372
1891–1900	190, 825, 938	499, 724, 320	1929	76, 599, 592	31, 534, 493
1901–1910	148, 038, 281	329, 858, 094	1930	94, 996, 631	2, 732, 549
1911–1920	305, 377, 828	1, 123, 309, 631	1931	253, 371, 606	39, 629, 056
1921	29, 537, 408	107, 572, 881	1932	196, 539, 282	163, 863, 560
1922	19, 184, 697	17, 410, 199			
1923	27, 745, 568	29, 177, 479	Total	1, 615, 901, 747	3, 269, 761, 609
1924	26, 058, 570	6, 874, 930	Net exports		1, 653, 859, 862
1925	14, 302, 999	122, 213, 657			

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic	Foreign	Total		Exports over imports	Imports over exports
1873–1880	$170, 100, 255	$17, 992, 553	$188, 092, 808	$240, 427, 807		$52, 334, 999
1881–1890	214, 074, 949	45, 309, 525	259, 384, 474	277, 932, 720		18, 548, 246
1891–1900	589, 580, 502	60, 887, 559	650, 468, 061	605, 177, 467	$45, 290, 594	
1901–1910	644, 494, 400	36, 469, 196	680, 963, 596	751, 883, 761		70, 920, 165
1911–1920	1, 638, 518, 055	50, 553, 630	1, 689, 471, 685	2, 491, 130, 794		801, 659, 109
1921	19, 610, 981	4, 280, 395	23, 891, 376	691, 248, 297		667, 356, 921
1922	35, 865, 106	1, 009, 788	36, 874, 894	275, 169, 785		238, 294, 891
1923	27, 866, 445	776, 972	28, 643, 417	322, 715, 812		294, 072, 395
1924	60, 309, 354	1, 338, 959	61, 648, 313	319, 720, 918		258, 072, 605
1925	262, 263, 206	376, 584	262, 639, 790	128, 273, 172	134, 366, 618	
1926	114, 094, 363	1, 613, 452	115, 707, 815	213, 504, 020		97, 796, 205
1927	201, 241, 325	213, 775	201, 455, 100	207, 535, 195		6, 080, 095
1928	555, 386, 442	5, 372, 899	560, 759, 341	168, 897, 307	391, 862, 034	
1929	116, 431, 430	151, 496	116, 582, 926	291, 648, 632		175, 065, 706
1930	114, 715, 091	1, 252, 241	115, 967, 332	396, 053, 695		280, 086, 363
1931	466, 774, 590	19, 869	466, 794, 459	612, 119, 211		145, 324, 752
Total	5, 231, 726, 494	227, 618, 893	5, 459, 345, 387	7, 993, 438, 593	571, 519, 246	3, 105, 612, 452
Net imports						2, 534, 093, 206

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic	Foreign	Total		Exports over imports	Imports over exports
1873–1880	$154, 961, 041	$44, 940, 117	$199, 901, 158	$92, 487, 371	$107, 413, 787	
1881–1890	181, 962, 434	92, 481, 372	274, 443, 806	155, 672, 202	118, 771, 604	
1891–1900	417, 544, 181	90, 125, 739	507, 669, 920	256, 332, 873	251, 337, 047	
1901–1910	475, 850, 976	66, 692, 435	542, 543, 911	367, 980, 603	174, 563, 308	
1911–1920	957, 310, 932	108, 503, 646	1, 065, 814, 628	522, 908, 141	542, 906, 487	
1921	24, 502, 947	27, 072, 452	51, 575, 399	63, 242, 671		$11, 667, 272
1922	25, 457, 915	37, 349, 371	62, 807, 286	70, 806, 653		7, 999, 367
1923	40, 387, 198	32, 081, 591	72, 468, 789	74, 453, 530		1, 984, 741
1924	91, 160, 389	18, 730, 644	109, 891, 033	73, 944, 902	35, 946, 131	
1925	81, 802, 658	17, 324, 927	99, 127, 585	64, 595, 418	34, 532, 167	
1926	74, 557, 587	17, 699, 977	92, 257, 564	69, 565, 936	22, 661, 628	
1927	60, 314, 749	15, 310, 031	75, 624, 780	55, 073, 917	20, 550, 863	
1928	64, 328, 802	23, 053, 214	87, 382, 016	68, 117, 329	19, 264, 687	
1929	62, 837, 751	20, 569, 446	83, 407, 197	63, 039, 830	19, 467, 367	
1930	43, 549, 586	10, 606, 998	54, 156, 584	42, 760, 841	11, 395, 743	
1931	21, 719, 225	4, 766, 028	26, 485, 253	28, 664, 139		2, 178, 886
Total	2, 778, 248, 421	627, 308, 488	3, 405, 556, 909	2, 070, 576, 356	1, 358, 810, 819	23, 830, 266
Net exports					1, 334, 980, 553	

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Coinage of gold and silver of the United States, by weight and value, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold		Silver		
	Fine ounces	Value	Fine ounces consumed	Dollars coined [2]	Subsidiary coined
1873–1880	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–1890	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–1910	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–1920	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,336	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
Total	179,794,309	3,716,678,177	973,019,544	877,498,432	406,106,568

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Both standard and trade dollars. The silver dollar coinage of 1921–1928 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to Dec. 31, 1931	
		Grains	*Thousandths*	*Pieces*	*Value*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	172,558,356	3,451,167,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225	52,907,985	529,079,850.00
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225	78,911,869	394,559,345.00
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [1]	Apr. 2, 1792	67.5	916⅔		
Do.[1]	June 28, 1834	64.5	899.225	20,216,590	50,541,475.00
Do.[1]	Jan. 18, 1837	64.5	900		
Do.[1]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [2]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [2]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				345,222,608	4,447,518,477.50

[1] Discontinued by act of Apr. 11, 1930.
[2] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denominations	Authorizing acts	Standard weight	Standard fineness	Total coined to	Dec. 31, 1931
		Grains	*Thousandths*	*Pieces*	*Value*
Dollar	Apr. 2, 1792	416	892.4		
Do	Jan. 18, 1837	[3] 412½	900		
Do	Feb. 28, 1878	412½	900	848, 536, 570	[4]$848, 536, 570.00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [5 6]	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	452, 830, 512	226, 415, 256.00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[7] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052.50
Panama-Pacific International Exposition.	Jan. 16, 1915	192.9	900	60, 030	30, 015.00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029.00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014.00
Landing of Pilgrims Tercentennial.	May 12, 1920	192.9	900	300, 165	150, 082.50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014.00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 099	81, 049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100.00
Fort Vancouver	do	192.9	900	50, 028	25, 014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264.00
Oregon Trail	May 17, 1926	192.9	900	198, 113	99, 056.50
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017.00
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004.00
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900	653, 080, 341	163, 270, 085.25
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[8] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40, 023	10, 005.75
20 cents [9]	Mar. 3, 1875	[10] 77.16	900	1, 355, 000	271, 000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900	1, 396, 993, 797	139, 699, 379.70
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[11] 38.58	900		
Half dime [12]	Apr. 2, 1792	20.8	892.4		
Do [12]	Jan. 18, 1837	20¾	900	97, 604, 388	4, 880, 219.40
Do [12]	Feb. 21, 1853	19.2	900		
3 cents [13]	Mar. 3, 1851	12⅜	750	42, 736, 240	1, 282, 087.20
Do [12]	Mar. 3, 1853	11.52	900		
Total silver				3, 539, 267, 216	1, 425, 417, 750.80

[3] Discontinued by act of Feb. 12, 1873.

[4] Silver-dollar coinage:

Act Apr. 2, 1792—		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	
From 1839 to Feb. 12, 1873	6, 590, 721	
		$8, 031, 238
Act Feb. 28, 1878		378, 166, 793
Act July 14, 1890, to date of repeal of purchasing clause of Sherman Act, Oct. 31, 1893	36, 087, 285	
Act Nov. 1, 1893, to June 12, 1898	42, 139, 872	
Act June 13, 1898, war revenue bill	108, 800, 188	
		187, 027, 345
Act Mar. 3, 1891, trade-dollar conversion		5, 078, 472
Act Apr. 23, 1918, Pittman Act replacement—		
Old design, since Feb. 21, 1921	86, 730, 000	
Peace dollar, since Dec. 21, 1921	183, 502, 722	
		270, 232, 722
		848, 536, 570

NOTE.—Silver-dollar coinage suspended 1806 to 1835 and 1874 to 1877. The bullion value of the dollar was greater than its coin value prior to 1878.

[5] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face value under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[6] Discontinued by act of Mar. 3, 1887.
[7] 12½ grams, or 192.9 grains.
[8] 6¼ grams, or 96.45 grains.
[9] Discontinued by act of May 2, 1878.
[10] 5 grams, or 77.16 grains.
[11] 2½ grams, or 38.58 grains.
[12] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denominations	Authorizing acts	Standard weight	Standard composition	Total coined to Dec. 31, 1931	
		Grains		*Pieces*	*Value*
5 cents (nickel)	May 16, 1866	77.16	[13]	1,565,980,762	$78,299,038.10
Do	Feb. 12, 1873				
3 cents (nickel) [2]	Mar. 3, 1865	30	[13]	31,378,316	941,349.48
Do [2]	Feb. 12, 1873	30	[13]		
2 cents (bronze) [12]	Apr. 22, 1864	96	[14]	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208	[15]	156,288,744	1,562,887.44
Do [16]	Jan. 26, 1796	186			
Do [17]	Jan. 18, 1837	168			
Cent (nickel) [18]	Feb. 21, 1857	72	[19]	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	[14]	5,727,411,683	57,274,116.83
Do	Feb. 12, 1873	48	[14]		
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104	[15]	7,985,222	39,926.11
Do [16]	Jan. 25 1796	84			
Do [17]	Jan. 18, 1837	84			
Total minor				7,735,417,727	141,037,057.96
Total coinage				11,619,907,551	6,013,973,286.26

[2] Discontinued by act of Sept. 26, 1890.
[12] Discontinued by act of Feb. 12, 1873.
[13] Composed of 75 per cent copper and 25 per cent nickel.
[14] Composed of 95 per cent copper and 5 per cent tin and zinc.
[15] All copper.
[16] Proclamation of the President in conformity with act of Mar. 3, 1795.
[17] Discontinued by act of Feb. 21, 1857.
[18] Discontinued by act of Apr. 22, 1864.
[19] Composed of 88 per cent copper and 12 per cent nickel.

Coinage of each mint, by value, with grand total pieces, since organization to close of business December 31, 1931

Denominations	Philadelphia, 1793–1931	San Francisco, 1854–1931	Denver, 1906–1931	New Orleans, 1838–1861, 1879–1909
Gold:				
50 dollars		$150,950.00		
Double eagles	$1,392,657,540.00	1,762,690,520.00	$262,160,000.00	$16,375,500.00
Eagles	207,794,320.00	145,584,060.00	59,092,800.00	23,610,860.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00	4,618,625.00
3 dollars	1,357,716.00	186,300.00		72,000.00
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00	3,023,157.50
Dollars	18,573,821.00	115,266.00		1,004,000.00
Total gold	1,962,645,389.50	2,050,753,433.50	350,420,300.00	48,704,172.50
Silver:				
Dollars	421,228,065.00	180,529,073.00	45,836,600.00	187,111,529.00
Trade dollars	5,107,524.00	26,647,000.00		
Half dollars	125,879,001.50	49,120,640.50	13,681,160.00	40,117,338.00
Quarter dollars	108,315,308.75	21,483,534.25	15,816,300.00	15,085,750.00
20 cents	11,342.00	231,000.00		
Dimes	94,309,379.40	21,341,518.90	15,150,380.00	6,807,990.60
Half dimes	3,948,791.90	119,100.00		812,327.50
3 cents	1,260,487.20			21,600.00
Total silver	760,059,899.75	299,471,866.65	90,484,440.00	249,956,535.10
Minor:				
5 cents	68,191,573.10	4,389,450.00	5,718,015.00	
3 cents	941,349.48			
2 cents	912,020.00			
1 cent	50,895,344.27	4,825,380.00	5,124,000.00	
Half cent	39,926.11			
Total minor	120,980,212.96	9,214,830.00	10,842,015.00	
Total value	2,843,685,502.21	2,359,440,130.15	451,746,755.00	298,660,707.60
Total pieces	8,891,201,714	1,310,286,524	940,119,840	419,076,513

Denominations	Carson City, 1870–1893	Charlotte, 1838–1861	Dahlonega, 1838–1861	Total value	Total pieces
Gold:					
50 dollars				$150,950.00	3,019
Double eagles	$17,283,560.00			3,451,167,120.00	172,558,356
Eagles	2,997,780.00			529,079,850.00	52,907,985
Half eagles	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00	78,911,869
3 dollars			3,360.00	1,619,376.00	539,792
Quarter eagles		544,915.00	494,625.00	51,067,082.50	20,426,833
Dollars		109,138.00	72,529.00	19,874,754.00	19,874,754
Total gold	23,829,425.00	5,059,188.00	6,106,569.00	4,447,518,477.50	345,222,608
Silver:					
Dollars	13,881,329.00			848,586,596.00	848,586,596
Trade dollars	4,211,400.00			35,965,924.00	35,965,924
Half dollars	2,654,313.50			231,452,453.50	462,904,907
Quarter dollars	2,579,198.00			163,280,091.00	653,120,364
20 cents	28,658.00			271,000.00	1,355,000
Dimes	2,090,110.80			139,689,379.70	1,396,993,797
Half dimes				4,880,219.40	97,604,388
3 cents				1,282,087.20	42,736,240
Total silver	25,445,009.30			1,425,417,750.80	3,539,267,216
Minor:					
5 cents				78,299,038.10	1,565,980,762
3 cents				941,349.48	31,378,316
2 cents				912,020.00	45,601,000
1 cent				60,844,724.27	6,084,472,427
Half cent				39,926.11	7,985,222
Total minor				141,037,057.96	7,735,417,727
Total value	49,274,434.30	5,059,188.00	6,106,569.00	6,013,973,286.26	
Total pieces	56,636,119	1,208,131	1,378,710		11,619,907,551

Coinage of each mint during

BY VALUE AND

Mints	1922	1923	1924	1925	1926
PHILADELPHIA					
Gold: Double eagles	$27,510,000.00	$11,320,000.00	$86,470,000.00	$56,635,000.00	$16,335,000.00
Eagles					10,140,000.00
Half eagles					
Quarter eagles					1,615,565.00
Dollars	10,016.00				
Total gold	27,520,016.00	11,320,000.00	86,470,000.00	56,635,000.00	28,090,565.00
Silver: Dollars	51,737,000.00	30,800,000.00	11,811,000.00	10,198,000.00	1,939,000.00
Half dollars	50,030.50		71,040.00	1,238,404.00	524,279.00
Quarter dollars		2,429,000.00	2,730,000.00	3,070,000.00	2,829,000.00
Dimes		5,013,000.00	2,401,000.00	2,561,000.00	3,216,000.00
Total silver	51,787,030.50	38,242,000.00	17,013,040.00	17,067,404.00	8,508,279.00
Minor: 5 cents		1,785,750.00	1,081,000.00	1,778,255.00	2,234,650.00
1 cent		747,230.00	751,780.00	1,399,490.00	1,570,880.00
Total minor		2,532,980.00	1,832,780.00	3,177,745.00	3,805,530.00
Total value	79,307,046.50	52,094,980.00	105,315,820.00	76,880,149.00	40,404,374.00
SAN FRANCISCO					
Gold: Double eagles	53,160,000.00		58,550,000.00	75,530,000.00	40,830,000.00
Eagles					
Half eagles					
Quarter eagles					
Total gold	53,160,000.00		58,550,000.00	75,530,000.00	40,830,000.00
Silver: Dollars	17,475,000.00	19,020,000.00	1,728,000.00	1,610,000.00	6,980,000.00
Half dollars		1,226,038.50		100,114.00	50,027.50
Quarter dollars		340,000.00	715,000.00		675,000.00
Dimes		644,000.00	712,000.00	585,000.00	152,000.00
Total silver	17,475,000.00	21,230,038.50	3,155,000.00	2,295,114.00	7,857,027.50
Minor: 5 cents		307,100.00	71,850.00	312,800.00	48,500.00
1 cent		87,000.00	116,960.00	263,800.00	45,500.00
Total minor		394,100.00	188,810.00	576,600.00	94,000.00
Total value	70,635,000.00	21,624,138.50	61,893,810.00	78,401,714.00	48,781,027.50
DENVER					
Gold: Double eagles		34,045,000.00	60,990,000.00	58,770,000.00	9,620,000.00
Eagles					
Half eagles					
Quarter eagles				1,445,000.00	
Total gold		34,045,000.00	60,990,000.00	60,215,000.00	9,620,000.00
Silver: Dollars	15,063,000.00	6,811,000.00			2,348,700.00
Half dollars					
Quarter dollars			778,000.00		429,000.00
Dimes			681,000.00	511,700.00	682,800.00
Total silver	15,063,000.00	6,811,000.00	1,459,000.00	511,700.00	3,460,500.00
Minor: 5 cents			262,900.00	222,500.00	281,900.00
1 cent	71,600.00		25,200.00	225,800.00	280,200.00
Total minor	71,600.00		288,100.00	448,300.00	562,100.00
Total value	15,134,600.00	40,856,000.00	62,737,100.00	61,175,000.00	13,642,600.00
ALL MINTS					
Grand total value	165,076,646.50	114,575,118.50	229,946,730.00	216,456,863.00	102,828,001.50

past the 10 calendar years

DENOMINATION

1927	1928	1929	1930	1931	Total
$58,935,000.00	$176,320,000.00	$35,595,000.00		$58,765,000.00	$527,885,000.00
					10,140,000.00
		3,310,000.00			3,310,000.00
970,000.00	1,040,000.00	1,330,000.00			4,955,565.00
					10,016.00
59,905,000.00	177,360,000.00	40,235,000.00		58,765,000.00	546,300,581.00
848,000.00	360,649.00				107,693,649.00
20,017.00	30,018.00				1,933,788.50
2,978,000.00	1,584,000.00	2,785,000.00	$1,408,000.00		19,813,000.00
2,808,000.00	1,948,000.00	2,597,000.00	677,000.00	315,000.00	21,536,000.00
6,654,017.00	3,922,667.00	5,382,000.00	2,085,000.00	315,000.00	150,976,437.50
1,899,050.00	1,170,550.00	1,822,300.00	1,142,450.00		12,914,005.00
1,444,400.00	1,341,160.00	1,852,629.00	1,574,150.00	193,960.00	10,875,670.00
3,343,450.00	2,511,710.00	3,674,920.00	2,716,600.00	193,960.00	23,789,675.00
59,902,467.00	183,794,377.00	49,291,920.00	4,801,600.00	59,273,960.00	721,066,693.50
62,140,000.00			1,480,000.00		291,690,000.00
			960,000.00		960,000.00
62,140,000.00			2,440,000.00		292,650,000.00
886,000.00	1,632,000.00				49,311,000.00
1,196,000.00	970,000.00	951,000.00			4,493,180.00
99,000.00	661,000.00	441,000.00	389,000.00		3,320,000.00
477,000.00	740,000.00	473,000.00	184,300.00	180,000.00	4,147,300.00
2,638,000.00	4,003,000.00	1,865,000.00	573,300.00	180,000.00	61,271,480.00
171,500.00	346,800.00	387,700.00	271,750.00	60,000.00	1,978,000.00
142,760.00	172,660.00	501,480.00	242,860.00	8,660.00	1,581,680.00
314,260.00	519,460.00	889,180.00	514,610.00	68,660.00	3,559,680.00
65,092,260.00	4,522,460.00	2,754,180.00	3,527,910.00	248,660.00	357,481,160.00
3,600,000.00				2,130,000.00	169,155,000.00
					1,445,000.00
3,600,000.00				2,130,000.00	170,600,000.00
1,268,900.00		500,600.00			25,491,600.00
		339,500.00			500,600.00
244,100.00	406,900.00	503,400.00		126,000.00	2,197,500.00
481,200.00	416,100.00				3,402,200.00
1,994,200.00	823,000.00	1,343,500.00		126,000.00	31,591,900.00
286,500.00	321,800.00	418,500.00			1,794,100.00
271,700.00	311,700.00	417,300.00	401,000.00	44,800.00	2,049,300.00
558,200.00	633,500.00	835,800.00	401,000.00	44,800.00	3,843,400.00
6,152,400.00	1,456,500.00	2,179,300.00	401,000.00	2,300,800.00	206,035,300.00
141,147,127.00	189,773,337.00	54,225,400.00	8,730,510.00	61,823,420.00	1,284,583,153.50

Coinage of each mint during

BY NUMBER

Mints	1922	1923	1924	1925	1926
Philadelphia: Gold	1,385,516	506,000	4,323,500	2,831,750	2,476,976
Silver	51,837,061	90,646,000	46,883,080	50,564,808	46,463,558
Minor		110,438,000	96,798,000	175,514,100	201,781,000
Total	53,222,577	201,650,000	148,004,580	228,910,658	250,721,534
San Francisco: Gold	2,658,000		2,927,500	3,776,500	2,041,500
Silver	17,475,000	29,272,077	11,708,000	7,660,228	11,300,055
Minor		14,842,000	13,133,000	32,636,000	5,520,000
Total	20,133,000	44,114,077	27,768,500	44,072,728	18,861,555
Denver: Gold		1,702,250	3,049,500	3,516,500	481,000
Silver	15,063,000	6,811,000	9,922,000	5,117,000	10,892,700
Minor	7,160,000		7,778,000	27,030,000	33,658,000
Total	22,223,000	8,513,250	20,749,500	35,663,500	45,031,700
All mints: Grand total pieces	95,578,577	254,277,327	196,522,580	308,646,886	314,614,789

the past 10 calendar years—Continued

OF PIECES

1927	1928	1929	1930	1931	Total
3,334,750 40,880,034 182,421,000	9,232,000 26,256,685 157,527,000	2,973,750 37,110,000 221,708,000	12,402,000 180,264,000	2,938,250 3,150,000 19,396,000	30,062,402 406,173,226 1,345,847,100
226,635,784	192,995,685	261,791,750	192,666,000	25,484,250	1,782,082,818
3,107,000 8,424,000 17,706,000	13,616,000 24,202,000	8,396,000 57,902,000	170,000 3,399,000 29,721,000	1,800,000 2,066,000	14,680,500 113,050,360 197,728,000
29,237,000	37,818,000	66,298,000	33,290,000	3,866,000	325,458,860
180,000 7,057,300 32,900,000	5,788,600 37,606,000	7,393,200 50,100,000	40,100,000	106,500 1,260,000 4,480,000	9,035,750 69,304,800 240,812,000
40,137,300	43,394,600	57,493,200	40,100,000	5,846,500	319,152,550
296,010,084	274,208,285	385,582,950	266,056,000	35,196,750	2,426,694,228

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Doubleeagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793–1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,680,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,928,120	234,950	60,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,260
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,980
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,189
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 Dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33, 917, 700	$799, 270	$203, 530	$125, 460	$9, 850. 00	$198, 820
1875		32, 737, 820	78, 350	105, 240	60	30, 050. 00	420
1876		46, 386, 920	104, 280	61, 820	135	23, 052. 50	3, 245
1877		43, 504, 700	211, 490	182, 660	4, 464	92, 630. 00	3, 920
1878		45, 916, 500	1, 031, 440	1, 427, 470	246, 972	1, 160, 650. 00	3, 020
1879		28, 889, 260	6, 120, 320	3, 727, 155	9, 090	331, 225. 00	3, 030
1880		17, 749, 120	21, 715, 160	22, 831, 765	3, 108	7, 490. 00	1, 636
1881		14, 585, 200	48, 796, 250	33, 458, 430	1, 650	1, 700, 00	7, 660
1882		23, 295, 400	24, 740, 640	17, 831, 885	4, 620	10, 100. 00	5, 040
1883		24, 960, 040	2, 595, 400	1, 647, 990	2, 820	4, 900. 00	10, 840
1884		19, 944, 200	2, 110, 800	1, 922, 250	3, 318	4, 982. 50	6, 206
1885		13, 875, 560	4, 815, 270	9, 065, 030	2, 730	2, 217, 50	12, 205
1886		22, 120	10, 621, 600	18, 282, 160	3, 426	10, 220. 00	6, 016
1887		5, 662, 420	8, 706, 800	9, 560, 435	18, 480	15, 705, 00	8, 543
1888		21, 717, 320	8, 030, 310	1, 560, 980	15, 873	40, 245. 00	16, 080
1889		16, 995, 120	4, 298, 850	37, 825	7, 287	44, 120. 00	30, 729
1890		19, 399, 080	755, 430	290, 640		22, 032. 50	
1891		25, 891, 340	1, 956, 000	1, 347, 065		27, 600. 00	
1892		19, 238, 760	9, 817, 400	5, 724, 700		6, 362. 50	
1893		27, 178, 320	20, 132, 450	9, 610, 985		75, 265. 00	
1894		48, 350, 800	26, 032, 780	5, 152, 275		10, 305. 00	
1895		45, 163, 120	7, 148, 260	7, 289, 680		15, 297. 50	
1896		43, 931, 760	2, 000, 980	1, 072, 315		48, 005. 00	
1897		57, 070, 220	12, 774, 090	6, 109, 415		74, 760. 00	
1898		54, 912, 900	12, 857, 970	10, 154, 475		60, 412. 50	
1899		73, 593, 680	21, 403, 520	16, 278, 645		68, 375. 00	
1900		86, 681, 680	3, 749, 600	8, 673, 650		168, 012. 50	
1901		34, 150, 520	46, 036, 160	21, 320, 200		228, 307. 50	
1902		35, 697, 580	5, 520, 130	5, 557, 810		334, 332. 50	[1] 75, 080
1903		24, 828, 560	7, 766, 970	10, 410, 120		503, 142. 50	[1] 175, 178
1904		227, 819, 440	2, 709, 880	2, 445, 680		402, 400. 00	[2] 25, 028
1905		37, 440, 220	5, 703, 280	5, 915, 040		544, 860. 00	[2] 35, 041
1906		55, 113, 800	16, 903, 920	6, 334, 100		441, 225. 00	
1907		96, 656, 620	26, 838, 790	7, 570, 960		941, 120. 00	
1908		109, 263, 200	14, 813, 360	6, 149, 430		1, 412, 642. 50	
1909		59, 774, 140	5, 987, 530	21, 910, 490		1, 104, 747. 50	
1910		60, 788, 340	34, 863, 440	7, 840, 250		1, 231, 705. 00	
1911		36, 392, 000	5, 866, 950	12, 018, 195		1, 899, 677. 50	
1912		2, 996, 480	7, 050, 830	5, 910, 720		1, 540, 492. 50	
1913		11, 926, 760	5, 080, 710	6, 620, 495		1, 805, 412. 50	
1914		40, 926, 400	7, 025, 500	3, 785, 625		1, 720, 292. 50	
1915	[3] $150, 950	14, 391, 000	4, 100, 750	3, 760, 375		[4] 1, 540, 292. 50	[3] 25, 034
1916		15, 920, 000	1, 385, 000	1, 200, 000			[5] 20, 026
1917							[5] 10, 014
1918							
1919							
1920		15, 725, 000	1, 265, 000				
1921		10, 570, 000					[6] 10, 016
1922		80, 670, 000					
1923		45, 365, 000					
1924		206, 010, 000					
1925		190, 935, 000				1, 445, 000. 00	
1926		66, 785, 000	10, 140, 000			[7] 1, 615, 565. 00	
1927		124, 675, 000				970, 000. 00	
1928		176, 320, 000				1, 040, 000. 00	
1929		35, 595, 000		3, 310, 000		1, 330, 000. 00	
1930		1, 480, 000	960, 000				
1931		60, 895, 000					
Total: 1874–1931	150, 950	2, 770, 701, 120	473, 422, 910	325, 669, 960	449, 493	24, 316, 780. 00	092, 827
1793–1873		680, 466, 000	55, 656, 940	68, 889, 385	1, 169, 883	26, 750, 302. 50	19, 181, 927
Grand total	150, 950	3, 451, 167, 120	529, 079, 850	394, 559, 345	1, 619, 376	51, 067, 082. 50	19, 874, 754

[1] Louisiana Purchase Exposition.
[2] Lewis and Clark Exposition.
[3] Panama–Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama–Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Grant memorial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.

NOTE.—Coinage during the early years not susceptible of exact statement by years of actual date on coin, the registry of annual coinage being of coin delivered by the coining departments of mints within the given year, and these deliveries not having been invariably completed within the year of the date of coin, as now required.

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793–1795		$204, 791	$161, 572. 00			$4, 320. 80	
1796		72, 920		$1, 473. 50	$2, 213. 50	511. 50	
1797		7, 776	1, 959. 00	63. 00	2, 526. 10	2, 226. 35	
1798		327, 536			2, 755. 00		
1799		423, 515					
1800		220, 920			2, 176. 00	1, 200. 00	
1801		54, 454	15, 144. 50		3, 464. 00	1, 695. 50	
1802		41, 650	14, 945. 00		1, 097. 50	650. 50	
1803		66, 064	15, 857. 50		3, 304. 00	1, 892. 50	
1804		19, 570	78, 259. 50	1, 684. 50	826. 50		
1805		321	105, 861. 00	30, 348. 50	12, 078. 00	780. 00	
1806			419, 788. 00	51, 531. 00			
1807			525, 788. 00	55, 160. 75	16, 500. 00		
1808			684, 300. 00				
1809			702, 905. 00		4, 471. 00		
1810			638, 138. 00		635. 50		
1811			601, 822. 00		6, 518. 00		
1812			814, 629. 50				
1813			620, 951. 50				
1814			519, 537. 50		42, 150. 00		
1815				17, 308. 00			
1816			23, 575. 00	5, 000. 75			
1817			607, 783. 50				
1818			980, 161. 00	90, 293. 50			
1819			1, 104, 000. 00	36, 000. 00			
1820			375, 561. 00	31, 861. 00	94, 258. 70		
1821			652, 898. 50	54, 212. 75	118, 651. 20		
1822			779, 786. 50	16, 020. 00	10, 000. 00		
1823			847, 100. 00	4, 450. 00	44, 000. 00		
1824			1, 752, 477. 00				
1825			1, 471, 583. 00	42, 000. 00	51, 000. 00		
1826			2, 002, 090. 00				
1827			2, 746, 700. 00	1, 000. 00	121, 500. 00		
1828			1, 537, 600. 00	25, 500. 00	12, 500. 00		
1829			1, 856, 078. 00		77, 000. 00	61, 500. 00	
1830			2, 382, 400. 00		51, 000. 00	62, 000. 00	
1831			2, 936, 830. 00	95, 500. 00	77, 135. 00	62, 135. 00	
1832			2, 398, 500. 00	80, 000. 00	52, 250. 00	48, 250. 00	
1833			2, 603, 000. 00	39, 000. 00	48, 500. 00	68, 500. 00	
1834			3, 206, 002. 00	71, 500. 00	63, 500. 00	74, 000. 00	
1835			2, 676, 003. 00	488, 000. 00	141, 000. 00	138, 000. 00	
1836		1, 000	3, 273, 100. 00	118, 000. 00	119, 000. 00	95, 000. 00	
1837			1, 814, 910. 00	63, 100. 00	104, 200. 00	113, 800. 00	
1838			1, 773, 000. 00	208, 000. 00	239, 493. 40	112, 750. 00	
1839		300	1, 748, 768. 00	122, 786. 50	229, 638. 70	108, 285. 00	
1840		61, 005	1, 145, 054. 00	153, 331. 75	253, 358. 00	113, 954. 25	
1841		173, 000	355, 500. 00	143, 000. 00	363, 000. 00	98, 250. 00	
1842		184, 618	1, 484, 882. 00	214, 250. 00	390, 750. 00	58, 250. 00	
1843		165, 100	3, 056, 000. 00	403, 400. 00	152, 000. 00	58, 250. 00	
1844		20, 000	1, 885, 500. 00	290, 300. 00	7, 250. 00	32, 500. 00	
1845		24, 500	1, 341, 500. 00	230, 500. 00	198, 500. 00	78, 200. 00	
1846		169, 600	2, 257, 000. 00	127, 500. 00	3, 130. 00	1, 350. 00	
1847		140, 750	1, 870, 000. 00	275, 500. 00	24, 500. 00	63, 760. 00	
1848		15, 000	1, 880, 000. 00	36, 500. 00	45, 150. 00	63, 400. 00	
1849		62, 600	1, 781, 000. 00	85, 000. 00	113, 900. 00	72, 450. 00	
1850		47, 500	1, 341, 500. 00	150, 700. 00	244, 150. 00	82, 250. 00	
1851		1, 300	301, 375. 00	62, 000. 00	142, 650. 00	82, 050. 00	$185, 022. 00
1852		1, 100	110, 565. 00	68, 265. 00	196, 550. 00	63, 025. 00	559, 905. 00
1853		46, 110	2, 430, 354. 00	4, 146, 555. 00	327, 301. 00	785, 251. 00	342, 000. 00
1854		33, 140	4, 111, 000. 00	3, 466, 000. 00	624, 000. 00	365, 000. 00	20, 130. 00
1855		26, 000	2, 288, 725. 00	857, 350. 00	207, 500. 00	117, 500. 00	4, 170. 00
1856		63, 500	1, 903, 500. 00	2, 129, 500. 00	703, 000. 00	299, 000. 00	43, 740. 00
1857		94, 000	1, 482, 000. 00	2, 726, 500. 00	712, 000. 00	433, 000. 00	31, 260. 00
1858			5, 998, 000. 00	2, 002, 000. 00	189, 000. 00	258, 000. 00	48, 120. 00
1859		636, 500	2, 074, 000. 00	421, 000. 00	97, 000. 00	45, 000. 00	10, 950. 00
1860		733, 930	1, 032, 850. 00	312, 350. 00	78, 700. 00	92, 950. 00	8, 610. 00
1861		78, 500	2, 078, 950. 00	1, 237, 650. 00	209, 650 00	164, 050. 00	14, 940. 00
1862		12, 090	802, 175. 00	249, 887. 50	102, 830. 00	74, 627. 50	10, 906. 50
1863		27, 650	703, 830. 00	48, 015. 00	17, 196. 00	5, 923. 00	643. 80
1864		31, 170	518, 755. 00	28, 517. 50	26, 907. 00	4, 523. 50	14. 10
1865		47, 000	593, 450. 00	25, 075. 00	18, 550. 00	6, 675. 00	255. 00
1866		49, 625	899, 812. 50	11, 381. 25	14, 372. 50	6, 536. 25	681. 75
1867		60, 325	810, 162. 50	17, 156. 25	14, 662. 50	6, 431. 25	138. 75
1868		162, 700	769, 100. 00	31, 500. 00	72, 625. 00	18, 295. 00	123. 00
1869		424, 300	725, 950. 00	23, 150. 00	70, 660. 00	21, 930. 00	153. 00
1870		415, 462	820, 758. 50	23, 935. 00	52, 150. 00	26, 830. 00	120. 00
1871		1, 117, 136	1, 741, 655. 00	53, 255. 50	109. 371. 00	82, 493. 00	127. 80
1872		1, 118, 600	866, 775. 00	68, 762. 50	261. 045. 00	189, 247. 50	58. 50
1873	$1, 225, 000	296, 600	1, 505, 780. 00	414, 190. 50	443, 329. 10	51, 830. 00	18. 00
Total: 1793–1873	1, 225, 000	8, 031, 238	100, 541, 253. 00	22, 288, 021. 50	9, 242, 079. 20	4, 880, 219. 40	1, 282, 087. 20

See footnotes at end of table and general note at foot of p. 97.

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4, 910, 000		$1, 406, 650. 00	$215, 975. 00	$319, 151. 70		
1875 [1]	6, 279, 600		5, 117, 750. 00	1, 278, 375. 00	2, 406, 570. 00		
1876 [1]	6, 192, 150		7, 451, 575. 00	7, 839, 287. 50	3, 015, 115. 00		
1877 [1]	13, 092, 710		7, 540, 255. 00	6, 024, 927. 50	1, 735, 051. 00		
1878 [1]	4, 259, 900	$22, 495, 550	726, 200. 00	849, 200. 00	187, 880. 00		
1879	1, 541	27, 560, 100	2, 950. 00	3, 675. 00	1, 510. 00		
1880	1, 987	27, 397, 355	4, 877. 50	3, 738. 75	3, 735. 50		
1881	960	27, 927, 975	5, 487. 50	3, 243. 75	3, 497. 50		
1882	1, 097	27, 574, 100	2, 750. 00	4, 075. 00	391, 110. 00		
1883	979	28, 470, 039	4, 519. 50	3, 859. 75	767, 571. 20		
1884		28, 136, 875	2, 637. 50	2, 218. 75	393, 134. 90		
1885		28, 697, 767	3, 065. 00	3, 632. 50	257, 711. 70		
1886		31, 423, 886	2, 943. 00	1, 471. 50	658, 409. 40		
1887		33, 611, 710	2, 855. 00	2, 677. 50	1, 573, 838. 90		
1888		31, 990, 833	6, 416. 50	306, 708. 25	721, 648. 70		
1889		34, 651, 811	6, 355. 50	3, 177. 75	835, 338. 90		
1890		38, 043, 004	6, 295. 00	20, 147. 50	1, 133, 461. 70		
1891		23, 562, 735	100, 300. 00	1, 551, 150. 00	2, 304, 671. 60		
1892		6, 333, 245	[2] 1, 652, 136. 50	2, 960, 331. 00	1, 695, 365. 50		
1893		1, 455, 792	[3] 4, 003, 948. 50	[4] 2, 583, 843. 25	759, 219. 30		
1894		3, 093, 972	3, 667, 831. 00	2, 233, 448. 25	205, 099. 60		
1895		862, 880	2, 354, 652. 00	2, 255, 396. 25	225, 088. 00		
1896		19, 876, 762	1, 507, 855. 00	1, 386, 700. 25	318, 581. 80		
1897		12, 651, 731	2, 023, 315. 50	2, 524, 440. 00	1, 287, 810. 80		
1898		14, 420, 735	3, 094, 642. 50	3, 497, 331. 75	2, 015, 324. 20		
1899		15, 182, 846	4, 474, 628. 50	3, 994, 211. 50	2, 409, 833. 90		
1900		[5] 25, 010, 938	5, 033, 617. 00	3, 822, 874. 25	2, 477, 918. 20		
1901		22, 566, 813	3, 119, 928. 50	2, 644, 369. 25	2, 507, 350. 00		
1902		18, 160, 777	4, 454, 723. 50	4, 617, 589. 00	2, 795, 077. 70		
1903		10, 343, 755	3, 149, 763. 50	3, 551, 516. 00	2, 829, 405. 50		
1904		8, 812, 650	2, 331, 654. 00	3, 011, 203. 25	1, 540, 102. 70		
1905			1, 830, 863. 50	2, 020, 562. 50	2, 480, 754. 90		
1906			5, 426, 414. 50	2, 248, 108. 75	2, 976, 504. 60		
1907			5, 825, 587. 50	3, 899, 143. 75	3, 453, 704. 50		
1908			5, 819, 686. 50	4, 262, 136. 25	3, 309, 954. 50		
1909			2, 529, 025. 00	4, 110, 662. 50	1, 448, 165. 00		
1910			1, 183, 275. 50	936, 137. 75	1, 625, 055. 10		
1911			1, 686, 811. 50	1, 410, 535. 75	3, 359, 954. 30		
1912			2, 610, 750. 00	1, 277, 175. 00	3, 453, 070. 00		
1913			663, 313. 50	493, 853. 25	2, 027, 062. 20		
1914			558, 305. 00	2, 388, 652. 50	3, 136, 865. 50		
1915			[6] 1, 486, 440. 00	1, 969, 612. 50	658, 045. 00		
1916			1, 065, 200. 00	2, 095, 200. 00	5, 720, 400. 00		
1917			10, 751, 700. 00	9, 464, 400. 00	6, 196, 200. 00		
1918			[7] 10, 434, 549. 00	8, 173, 000. 00	6, 865, 480. 00		
1919			1, 839, 500. 00	3, 776, 000. 00	5, 452, 900. 00		
1920			[8] 6, 398, 570. 00	9, 456, 600. 00	9, 202, 100. 00		
1921		[9] 87, 736, 473	[10] 611, 062. 50	479, 000. 00	231, 000. 00		
1922		84, 275, 000	[11] 50, 030. 50				
1923		56, 631, 000	[12] 1, 226, 038. 50	2, 769, 000. 00	5, 657, 000. 00		
1924		13, 539, 000	[13] 71, 040. 00	4, 223, 000. 00	3, 794, 000. 00		
1925		11, 808, 000	[14] 1, 338, 518. 00	3, 070, 000. 00	3, 657, 700. 00		
1926		11, 267, 700	[15] 574, 306. 50	3, 933, 000. 00	4, 050, 800. 00		
1927		2, 982, 900	[16] 1, 216, 017. 00	3, 321, 100. 00	3, 766, 200. 00		
1928		1, 992, 649	[17] 1, 000, 018. 00	2, 651, 900. 00	3, 104, 100. 00		
1929			1, 451, 600. 00	3, 565, 500. 00	3, 573, 400. 00		
1930				1, 797, 000. 00	861, 300. 00		
1931					621, 000. 00		
Total:							
1874–1931	34, 740, 924	840, 555, 358	130, 911, 200. 50	140, 992, 069. 50	130, 457, 300. 50		
1793–1873	1, 225, 000	8, 031, 238	100, 541, 233. 00	22, 288, 021. 50	9, 242, 079. 20	4, 880, 219. 40	1, 282, 087. 20
Grand total	35, 965, 924	848, 586, 596	231, 452, 453. 50	163, 280, 091. 00	139, 699, 379. 70	4, 880, 219. 40	1, 282, 087. 20

[1] **20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total $271,000.**

[2] Includes $475,000 in Columbian coins.

[3] Includes $2,026,052.50 in Columbian coins.

[4] Includes $10,005.75 in Columbian coins.

[5] Includes $50,026 in Lafayette souvenir coins.

[6] Includes $30,015 in Panama Pacific International Exposition coins.

[7] Includes $50,029 Illinois Centennial coins.

[8] Includes $25,014 Maine Centennial and $100,056 Landing of Pilgrims coins.

[9] Includes $1,006,473 "Peace" coins.

[10] Includes $50,026.50 Landing of Pilgrims, $25,014 Missouri Centennial, and $35,022 Alabama Centennial coins.

[11] Grant Memorial coins.

[12] Includes $137,038.50 Monroe Doctrine commemorative coins.

[13] Huguenot-Walloon commemorative coins.

[14] Stone Mountain, $1,157,354.50; Lexington-Concord, $81,049.50; California Jubilee, $75,100; Vancouver, $25,014.

[15] National Sesquicentennial of signing Declaration of Independence, $500,264; Oregon Trail, $74,042.50.

[16] Includes commemorative coins Battle of Bennington, Vt., $20,017.

[17] Includes $25,014 Oregon Trail and $5,004 Hawaiian commemorative coins.

NOTE.—The silver dollar coins executed subsequent to 1920 represent an equivalent number of dollars converted to bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793–1795				$10,660.33	$712.67
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.66
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864			$396,950.00	529,737.14	
1865		$341,460.00	272,800.00	354,292.86	
1866	$737,125.00	144,030.00	63,540.00	98,265.00	
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	
1869	819,750.00	48,120.00	30,930.00	64,200.00	
1870	240,300.00	40,050.00	17,225.00	52,750.00	
1871	25,050.00	18,120.00	14,425.00	39,295.00	
1872	301,800.00	25,860.00	1,300.00	40,420.00	
1873	227,500.00	35,190.00		116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,807.44	39,926.11

See general note, foot of p. 97.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		175,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			820,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,580.00	
1927	2,357,050.00			1,888,860.00	
1928	1,839,150.00			1,825,520.00	
1929	2,023,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
Total:					
1874–1931	72,958,188.10	73,509.48		55,914,916.83	
1793–1873	5,340,850.00	867,840.00	$912,020.00	4,929,807.44	$39,926.11
Grand total	78,299,038.10	941,349.48	912,020.00	60,844,724.27	39,926.11

Total gold, silver, and minor coinage of the United States, by calendar years

Calendar year	Gold	Silver	Minor	Total value
1793–1795	$71,485.00	$370,683.80	$11,373.80	$453,541.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,430.00	638,773.50	15,660.00	1,155,863.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	260,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,355,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,000.00	501,680.70	44,275.50	1,864,756.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,060.00	16,344.25	2,110,670.25
1827	131,565.00	2,889,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,573,560.00	25,696.24	1,741,381.24
1829	295,717.50	1,904,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,730,000.00	28,160.00	3,736,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,030.00	39,459.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,725,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	22,833.00	4,185,091.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,030.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	744,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,690.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.73	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,299,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,345.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years—Con.

Calendar year	Gold	Silver	Minor	Total value
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052 00	28, 518, 850 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 860. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 857, 685 00	27, 973, 132 00	900, 400 00	94, 821, 217. 00
1883	29, 241, 960. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005 00	27, 518, 856. 60	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 450. 56	66, 196, 798. 31
1896	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 469. 75	2, 120, 122. 08	134, 693, 779. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 970. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233, 402, 428 00	15, 695, 699. 95	1, 683, 529. 35	250, 781, 567. 30
1905	49, 638, 441 00	6, 332, 180. 00	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 045. 00	10, 651, 027. 85	3, 042, 126. 18	92, 334, 981. 65
1907	131, 907, 450 00	13, 178, 435. 75	1, 468, 738. 72	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 756, 388. 93	145, 490, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	3, 036, 929. 83	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 156, 726. 47	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	2, 377, 386. 30	65, 790, 850. 53
1912	17, 498, 522. 50	7, 340, 995. 00	4, 667, 335. 47	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	2, 266, 671. 22	30, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 062, 839. 70	61, 749, 711. 72
1915	23, 958, 401. 50	4, 114, 997. 50	6, 337, 550. 07	34, 145, 338. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 118, 089. 30	33, 743, 376. 07
1917	10, 014. 00	29, 412, 300. 00	5, 972, 662 04	35, 540, 403. 30
1918		25, 473, 029 00	9, 709, 100 00	31, 445, 691. 04
1919		11, 068, 400. 00	8, 166, 650. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 057, 270. 00	1, 155, 310. 00	50, 213, 920 00
1921	10, 570, 000 00	89, 057, 535. 50	71, 600 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	2, 927, 080 00	165, 076, 646. 50
1923	45, 365, 000 00	66, 283, 038. 50	2, 309, 690. 00	114, 575, 118. 50
1924	206, 010, 000 00	21, 627, 040 00	4, 202, 645. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 461, 630. 00	216, 456, 863. 00
1926	78, 540, 565 00	19, 825, 806. 50	4, 215, 910. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	3, 664, 670 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	5, 399, 900 00	189, 773, 337. 00
1929	40, 225, 000 00	8, 590, 500 00	3, 632, 210 00	54, 225, 400. 00
1930	2, 440, 000. 00	2, 658, 300. 00	307, 420. 00	8, 730, 510. 00
1931	60, 895, 000. 00	621, 000. 00		61, 823, 420. 00
Total: 1874–1931	3, 595, 404, 040 00	1, 277, 927, 852. 50	128, 946, 614. 41	5, 002, 278, 506. 91
1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 060, 443. 55	1, 011, 694, 779. 35
Grand total	4, 447, 518, 477. 50	1, 425, 417, 750. 80	141, 037, 057. 96	6, 013, 973, 286. 26

Income and expenses of the United States mints and assay offices,

	Philadelphia	San Francisco	Denver
INCOME			
Revenues:			
Melting charges	$10,584.64	$23,440.60	$4,590.20
Parting and refining charges		85,060.49	41,138.30
Alloy charges	345.92	6,849.62	959.97
Fine and unparted bar charges	137.90	182.63	6.76
Proceeds of medals sold	13,173.09		
Receipts for special assays of bullion and ores	93.40	114.00	8.00
Value of bullion recovered incident to receipts of deposits	2,014.74	1,785.18	287.48
Value of bullion recovered from refining and coining operations		29,500.05	4,105.54
Gain on lightweight and mutilated coins purchased for recoinage	1,142.42	401.93	113.13
Gain on bullion shipments to Government refineries			
Receipts from sale of by-products (platinum, etc.)		15,615.53	230.15
Receipts from sale of old materials			
Seigniorage on subsidiary silver coinage	269,821.22	6,312.16	
Seigniorage on minor coinage (nickel)	692.22	27,130.22	
Seigniorage on minor coinage (bronze)	51,050.04		47,415.68
Commission on telephone calls	52.37		17.97
Cleaning coin, charges for		7.50	
Total revenue	349,107.96	196,399.31	98,873.28
Appropriation earnings:			
Charges for manufacture of foreign coin	73,599.91		
Charges for manufacture of special medals	22,990.85		
Charges for work and supplies for other institutions	5,438.61		
Interinstitution items not involving appropriation transfers	1,819.03		
Total earnings	103,848.40		
Total income	452,956.36	196,399.31	98,873.28
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	262.81	1.94	.76
Personnel	539,774.23	210,611.34	171,218.43
Other expenses, including supplies, materials, equipment, and miscellaneous items	64,569.05	34,425.09	21,654.10
Wastage of operative departments, gold and silver	5,184.00		
Loss on operative sweeps sold			
Interinstitution items not involving appropriation transfers			344.46
Total	609,790.09	245,038.37	193,217.75
Payable from revenue:			
Expenses of distributing minor coin	5,206.30	1,340.89	2,164.51
Wastage of operative departments, minor metals	99.85	11.11	16.78
Total payable from revenue	5,306.15	1,352.00	2,181.29
Total expenses	615,096.24	246,390.37	195,399.04

also of the Mint Bureau, for the fiscal year ended June 30, 1932

New York	New Orleans	Carson City	Boise	Helena	Seattle	Salt Lake City	Office of Director of the Mint	Total
$23,275.00	$704.10	$621.00	$695.00	$567.00	$2,297.40	$95.00		$66,870.04
139,444.59								265,643.38
9,138.60								17,293.51
10,783.89								11,111.18
								13,173.09
619.00	204.00	142.50	518.50	108.00	89.50	446.50		2,343.40
16,490.79	212.76	46.18	134.14	350.01	765.60			22,086.88
2,336.17								35,941.76
156.63								1,814.11
			215.57		122.12	37.36		375.05
51,700.00								67,545.68
	100.00				1,716.65			1,816.65
								276,133.38
								27,822.44
								98,465.72
								70.34
								7.50
253,944.67	1,220.86	809.68	1,563.21	1,025.01	4,991.27	578.86		908,514.11
								73,569.91
								22,990.85
				294.78				5,733.39
								1,819.03
								104,143.18
				294.78				
253,944.67	1,220.86	809.68	1,563.21	1,319.79	4,991.27	578.86		1,012,657.29
39.18	242.00	31.05	53.14	47.81	2,718.54	9.90	$11.02	3,418.15
257,904.63	10,795.84	5,723.84	7,091.25	5,739.84	20,376.76	4,299.84	37,894.69	1,271,490.69
123,200.00	2,205.24	543.85	832.47	934.97	10,352.43	91.63	4,159.55	262,968.38
								5,184.00
148.04								148.04
1,098.00	376.57							1,819.03
382,449.85	13,619.65	6,298.74	7,976.86	6,722.62	33,447.73	4,401.37	42,065.26	1,545,028.29
								8,711.70
								127.74
								8,839.44
382,449.85	13,619.65	6,298.74	7,976.86	6,722.62	33,447.73	4,401.37	42,065.26	1,553,867.73

Appropriations, reimbursements, expenses, and balances of all offices of the mint service, fiscal year ended June 30, 1932

Items	Salaries and wages	General expenses	Total personnel and general expenses	Transportation of bullion and coin	Total
Office of Director of the Mint:					
Appropriated	$40,060.00	$6,500.00	$46,560.00	$10,000.00	$56,560.00
				(11.02)	
Expended	37,894.69	4,159.55	42,054.24	[1] 3,418.15	45,472.39
Unexpended balance	2,165.31	2,340.45	4,505.76	6,581.85	11,087.61
Field service:					
Appropriated			1,675,360.00		1,675,360.00
Reimbursed—					
Philadelphia			102,029.37		102,029.37
Helena			294.78		294.78
Available for use			1,777,684.15		1,777,684.15
Expended—					
Philadelphia Mint	539,774.23	69,753.05	609,527.28	(262.81)	609,527.28
San Francisco Mint	210,611.34	34,425.09	245,036.43	(1.94)	245,036.43
Denver Mint	171,218.43	21,654.10	192,872.53	(.76)	192,872.53
New York assay office	257,964.63	123,348.04	381,312.67	(39.18)	381,312.67
New Orleans Mint	10,795.84	2,205.24	13,001.08	(242.60)	13,001.08
Carson City Mint	5,723.84	543.85	6,267.69	(31.05)	6,267.69
Boise assay office	7,091.25	832.47	7,923.72	(53.14)	7,923.72
Helena assay office	5,739.84	934.97	6,674.81	(47.81)	6,674.81
Seattle assay office	20,376.76	10,352.43	30,729.19	(2,718.54)	30,729.19
Salt Lake City assay office	4,290.84	91.63	4,391.47	(9.90)	4,391.47
Total expended	1,233,596.00	264,140.87	1,497,736.87		1,497,736.87
Unexpended balance			279,947.28		279,947.28
Total, entire service:					
Appropriated			1,721,920.00	10,000.00	1,731,920.00
Reimbursed			102,324.15		102,324.15
Available			1,824,244.15	10,000.00	1,834,244.15
Expended			1,539,791.11	3,418.15	1,543,209.26
Unexpended balance			284,453.04	6,581.85	291,034.89

[1] Chargeable, as indicated in parentheses, to the several offices.

Cash assets and liabilities of the United States mints and assay offices, June 30, 1932

ASSETS

Institutions	Gold bullion		Silver bullion		Gold coin
	Fine ounces	Value	Fine ounces	Value	
Coinage Mints:					
Philadelphia	16,840,746.422	$348,129,124.92	10,150,271.69	$10,626,780.36	$212,629,925.00
San Francisco	44,650,049.692	922,998,443.00	2,630,124.61	2,007,410.11	386,269,325.00
Denver	7,628,206.599	157,689,025.27	4,793,225.49	3,517,776.65	230,077,590.00
Assay offices:					
New York	27,060,112.829	559,382,177.20	4,133,939.88	2,081,366.00	33,924,200.00
New Orleans	7,822.654	161,706.44	5,188.89	1,421.78	
Carson City	876.277	18,114.21	1,036.52	284.29	
Boise	2,463.297	50,920.76	1,068.58	317.78	
Helena	960.392	19,852.69	163.92	66.14	
Seattle	40,503.698	837,265.87	5,777.36	1,754.76	
Salt Lake City	981.535	20,289.77	425.85	146.30	
Total	96,232,723.395	[1] 1,989,306,940.13	21,721,223.09	18,237,324.17	862,901,040.00

Cash assets and liabilities of the United States mints and assay offices, June 30, 1932—Continued

ASSETS—Continued

Institutions	Silver coin [1]	Minor coin	Paper currency	Minor coinage metal	Checking credit with United States Treasurer	Total
Coinage Mints:						
Philadelphia	$237,654,409.97	$2,159,947.85	$841,450.00	$814,122.92	$151,180.55	$812,986,941.57
San Francisco	88,447,535.53	1,114,708.97	69,500.00	37,985.24	48,428.11	1,400,993,335.96
Denver	57,710,038.70	360,533.40	390,550.00	125,528.32	61,903.81	449,932,746.15
Assay offices:						
New York	61,663,712.42		15,224,809.00		75,193.01	672,351,457.63
New Orleans	6,878,500.00				1,397.15	7,043,025.37
Carson City					233.69	18,632.19
Boise						51,238.54
Helena						19,918.83
Seattle					710.21	839,750.84
Salt Lake City					117.00	20,553.07
Total	452,354,196.62	3,635,190.22	16,526,309.00	977,436.48	319,163.53	3,344,257,600.15

LIABILITIES

Institutions	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion
Coinage Mints:				
Philadelphia	$502,443,839.03	$260,000.00	$10,215,753.98	
San Francisco	1,399,760,057.14	70,000.00	1,154,884.27	
Denver	448,120,879.04	70,000.00	1,730,656.08	
Assay offices:				
New York	672,276,264.62			
New Orleans	7,041,628.22			
Carson City	18,398.80			
Boise	51,238.54			
Helena	19,918.83			$410.54
Seattle	838,630.09			
Salt Lake City	20,436.07			
Total	3,330,591,290.08	400,000.00	13,101,294.33	410.54

Institutions	Expense funds	Revenues	Total
Coinage Mints:			
Philadelphia	$57,632.23	$9,716.33	$812,986,941.57
San Francisco	3,378.43	5,016.12	1,400,993,335.96
Denver	4,276.07	6,934.36	449,932,746.15
Assay offices:			
New York	75,193.01		672,351,457.63
New Orleans	1,397.15		7,043,025.37
Carson City	135.69	98.00	18,632.19
Boise			51,238.54
Helena			19,918.83
Seattle	710.21		839,750.84
Salt Lake City	117.00		20,553.07
Total	142,840.39	21,764.81	3,344,257,600.15

[1] Constitutes, principally, reserves against outstanding currency, and holdings for account of Federal reserve banks. More than similar figure reported by Treasurer by $442,070 due to difference in accounting interpretation.

[2] Includes unclassified cash: Philadelphia, $477.57; San Francisco, $8,348.53; New York, $712.42.

Stock of domestic coin in the United States, June 30, 1932 [1]

On June 30, 1932, the stock of domestic coin in the United States was $2,765,212,687, as shown in the table below:

Item	Gold	Silver	Minor	Total
Estimated stock of coin in United States June 30, 1931	$1, 698, 433, 690	$848, 577, 692	$126, 887, 033	$2, 673, 898, 415
Special design dollars of 1900, not then included herein		50, 026		50, 026
Coinage executed during fiscal year 1932	111, 015, 000	803, 000	181, 580	111, 999, 580
Imports United States coin, fiscal year 1932	196, 539, 282	3, 071, 986		199, 611, 268
Total	2, 005, 987, 972	852, 502, 704	127, 068, 613	2, 985, 559, 289
Less—				
Exports United States coin, fiscal year 1932	163, 863, 560	29, 389		163, 892, 949
Earmarked for foreign account, fiscal year 1932 (net increase)	41, 828, 000			41, 828, 000
United States coin withdrawn from monetary use, face value, fiscal year 1932	2, 967, 958	7, 482, 408	575, 287	11, 025, 653
United States coin used in industrial arts, and general disappearance, estimated, fiscal year 1932	3, 500, 000	100, 000		3, 600, 000
Total	212, 159, 518	7, 611, 797	575, 287	220, 346, 602
Estimated stock of coin in the United States June 30, 1932	1, 793, 828, 454	844, 890, 907	126, 493, 326	2, 765, 212, 687

[1] For method of estimating see p. 62.

NOTE.—The number of standard silver dollars coined to June 30, 1932, was 840,555,358, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals $41,702,217. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November, 1919, to July, 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722, those melted otherwise (mutilated, etc.), since 1883 numbered 224,113; and the number of Hawaiian dollars melted to June 30, 1932, was 455,329, a total disposition of 301,694,306, leaving in the United States on June 30, 1932, 540,007,911 standard silver dollars and 304,882,996 dollars in subsidiary silver coin.

Location, ownership, and per capita circulation of United States money June 30, 1932

Kind of money	Total amount	Money held in the Treasury				
		Total	Amount held in trust against gold and silver certificates (and Treasury notes of 1890)	Reserve against United States notes (and Treasury notes of 1890)	Held for Federal reserve banks and agents	All other money
Gold coin and bullion	[1] $3, 918, 595, 817	$2, 958, 560, 679	$1, 490, 698, 909	$156, 039, 088	$1, 235, 736, 772	$76, 085, 850
Gold certificates	[1] 1, 490, 698, 909					
Standard silver dollars	540, 007, 911	501, 022, 745	488, 438, 351			12, 584, 394
Silver certificates	[2] 487, 216, 201					
Treasury notes of 1890	[2] 1, 222, 150					
Subsidiary silver	304, 882, 996	8, 490, 556				8, 490, 556
Minor coin	126, 493, 326	4, 755, 771				4, 755, 771
United States notes	346, 681, 016	2, 279, 960				2, 279, 960
Federal reserve notes	3, 028, 397, 215	1, 406, 88				1, 406, 880
Federal reserve-bank notes	2, 772, 040	26, 298				26, 298
National-bank notes	736, 674, 213	16, 578, 916				16, 578, 916
Total June 30, 1932	9, 004, 504, 534	[3] 3, 493, 121, 805	1, 979, 137, 320	156, 039, 088	1, 235, 736, 772	[4] 122, 208, 625
Comparative totals:						
June 30, 1931	9, 079, 623, 698	[3] 4, 227, 734, 850	2, 196, 103, 165	156, 039, 088	1, 776, 690, 378	98, 902, 219
Oct. 31, 1920	8, 479, 620, 824	[2] 2, 436, 864, 530	718, 674, 378	152, 979, 026	1, 212, 360, 791	352, 850, 336
Mar. 31, 1917	5, 396, 596, 677	[2] 952, 020, 313	2, 681, 691, 072	152, 979, 026		117, 350, 216
June 30, 1914	3, 797, 825, 099	[1] 1, 845, 569, 804	1, 507, 178, 879	150, 000, 000		188, 390, 925
Jan. 1, 1879	1, 007, 084, 483	[2] 212, 420, 402	21, 602, 640	100, 000, 000		90, 817, 762

Location, ownership, and per capita circulation of United States money June 30, 1932—Continued

Kind of money	Money outside of the Treasury			
	Total	Held by Federal reserve banks and agents [2]	In circulation [3]	
			Amount	Per capita [4]
Gold coin and bullion	$960,035,138	$507,272,104	$452,763,034	$3.63
Gold certificates	1,490,698,969	775,015,730	715,683,239	5.73
Standard silver dollars	38,985,166	8,870,620	30,114,546	.24
Silver certificates	487,216,201	134,611,482	352,604,719	2.83
Treasury notes of 1890	1,222,150		1,222,150	.01
Subsidiary silver	296,392,440	40,172,383	256,220,057	2.05
Minor coin	121,737,555	8,118,336	113,619,219	.91
United States notes	344,401,050	55,325,512	289,075,544	2.32
Federal reserve notes	3,026,990,335	246,760,965	2,780,229,370	22.27
Federal reserve-bank notes	2,745,742	100	2,745,642	.02
National-bank notes	720,095,297	19,201,442	700,893,855	5.62
Total June 30, 1932	7,490,520,049	1,795,348,674	5,695,171,375	45.63
Comparative totals:				
June 30, 1931	7,047,992,013	2,226,058,715	4,821,933,298	38.86
Oct. 31, 1920	6,761,430,672	1,063,216,060	5,698,214,612	53.21
Mar. 31, 1917	5,126,267,436	953,321,522	4,172,945,914	40.23
June 30, 1914	3,459,434,174		3,459,434,174	34.93
Jan. 1, 1879	816,266,721		816,266,721	16.92

[1] Does not include gold bullion or foreign coin other than that held by the Treasury, Federal reserve banks under earmark for foreign account is excluded, and gold held abroad for Federal reserve banks is included.

[2] These amounts are not included in the total since the money held in trust against gold and silver certificates and Treasury notes of 1890 is included under gold coin and bullion and standard silver dollars, respectively.

[3] The amount of money held in trust against gold and silver certificates and Treasury notes of 1890 should be deducted from this total before combining it with total money outside of the Treasury to arrive at the stock of money in the United States.

[4] This total includes $59,689,661 gold deposited for the redemption of Federal reserve notes ($1,088,640 in process of redemption), $29,849,700 lawful money deposited for the redemption of national-bank notes ($16,549,164 in process of redemption, including notes chargeable to the retirement fund), $1,350 lawful money deposited for the retirement of additional circulation (act of May 30, 1908), and $16,861,073 lawful money deposited as a reserve for postal-savings deposits.

[5] Includes money held by the Cuban agency of the Federal Reserve Bank of Atlanta.

[6] The money in circulation includes any paper currency held outside the continental limits of the United States.

[7] Population of continental United States (estimated) June 30, 1932, 124,822,000; June 30, 1931, 124,076,000; Oct. 31, 1920, 107,096,000; Mar. 31, 1917, 103,716,000; June 30, 1914, 99,027,000; Jan. 1, 1879, 48,231,000.

NOTE.—Gold certificates are secured dollar for dollar by gold held in the Treasury for their redemption; silver certificates are secured dollar for dollar by standard silver dollars held in the Treasury for their redemption; United States notes are secured by a gold reserve of 156,039,088 held in the Treasury. This reserve fund may also be used for the redemption of Treasury notes of 1890, which are also secured dollar for dollar by standard silver dollars held in the Treasury; these notes are being canceled and retired on receipt. Federal reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal reserve bank. Federal reserve notes are secured by the deposit with Federal reserve agents of a like amount of gold or of gold and such discounted or purchased paper as is eligible under the terms of the federal reserve Act. Federal reserve banks must maintain a gold reserve of at least 40 per cent, including the gold redemption fund which must be deposited with the United States Treasurer, against Federal reserve notes in actual circulation. Lawful money has been deposited with the Treasurer of the United States for retirement of all outstanding Federal reserve bank notes. National-bank notes are secured by United States bonds except where lawful money has been deposited with the Treasurer of the United States for their retirement. A 5 per cent fund is also maintained in lawful money with the Treasurer of the United States for the redemption of national-bank notes secured by Government bonds.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin [1] (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,372	11.77	6.45	18.22
1889	61,289	680,964	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	590,998	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,695	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,942	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	327,712	26.93	4.96	31.89
1921	108,445	3,274,730	360,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	5,918,596	844,891	31.39	6.77	38.16

[1] Harmonized with revised data appearing in the annual report of the Secretary of the Treasury for the fiscal year 1931, Tables 51 and 52.

Cash Holdings of National Banks

Reports to the Comptroller of the Currency of cash holdings on June 30, 1932, of the national banks (6,150) give—

Gold coin	$12, 372, 000
Gold certificates	26, 188, 000
All other cash	299, 844, 000
Total	338, 404, 000

Cash Holdings of Nonnational Banks

Reports to the Comptroller of the Currency of 13,013 reporting banks, other than national banks, as of June 30, 1932, show cash holding as follows:

Gold coin	$10, 553, 000
Gold certificates	19, 713, 000
All other classified cash	257, 733, 000
Not classified	165, 224, 000
Total	453, 223, 000

Stock of Domestic Coin in the United States, December 31, 1931 [1]

On December 31, 1931, the stock of domestic coin in the United States was $2,646,589,239, as shown in the table below.

Item	Gold	Silver	Minor	Total
Estimated stock of coin in United States December 31, 1930	$1, 553, 381, 789	$851, 675, 959	$126, 901, 686	$2, 531, 959, 434
Special design dollars of 1900, not then included herein		50, 026		50, 026
Coinage executed, calendar year 1931	60, 895, 000	621, 000	307, 420	61, 823, 420
Imports United States coin, calendar year 1931	311, 766, 842	3, 496, 197		315, 263, 039
Total	1, 926, 043, 631	855, 843, 182	127, 209, 106	2, 909, 095, 919
Less—				
Exports United States coin, calendar year 1931	80, 783, 994	51, 629		80, 835, 623
Earmarked for foreign account, calendar year 1931 (net increase)	167, 585, 000			167, 585, 000
United States coin withdrawn from monetary use, calendar year 1931, face value	2, 565, 948	7, 370, 017	550, 092	10, 486, 057
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1931	3, 500, 000	100, 000		3, 600, 000
Total	254, 434, 942	7, 521, 646	550, 092	262, 506, 680
Estimated stock of coin in United States December 31, 1931	1, 671, 608, 689	848, 321, 536	126, 659, 014	2, 646, 589, 239

[1] For method of estimating, see p. 62.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1931, was 840,555,358, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 841,702,217. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November, 1919, to July, 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.), since 1853 numbered 223,863, and the number of Hawaiian dollars melted to Dec. 31, 1931, was 455,329, a total disposition of 301,694,056, leaving in the United States on Dec. 31, 1931, 540,008,161 standard silver dollars and 308,313,375 dollars in subsidiary silver coin.

Location, ownership, and per capita circulation of United States money, December 31, 1931

Kind of money	Total amount	Money held in the Treasury				
		Total	Amount held in trust against gold and silver certificates (and Treasury notes of 1890)	Reserve against United States notes (and Treasury notes of 1890)	Held for Federal reserve banks and agents	All other money
Gold coin and bullion	[1] $4,460,099,079	$3,557,702,389	$1,751,456,019	$156,039,088	$1,564,818,834	$85,388,448
Gold certificates	[2] 1,751,456,019					
Standard silver dollars	539,958,135	498,866,665	495,471,966			3,394,699
Silver certificates	[2] 494,241,766					
Treasury notes of 1890	[2] 1,230,200					
Subsidiary silver	308,313,375	7,401,417				7,401,417
Minor coin	126,659,014	4,331,186				4,331,186
United States notes	346,681,016	3,549,883				3,549,883
Federal reserve notes	2,926,038,690	959,175				959,175
Federal-reserve-bank notes	2,863,300	25,121				25,121
National-bank notes	710,611,896	17,078,579				17,078,579
Total Dec. 31, 1931	9,421,224,505	[3] 4,089,914,415	2,246,927,985	156,039,088	1,564,818,834	[4] 122,128,508
Comparative totals:						
Dec. 31, 1930	8,713,875,325	[3] 4,053,167,746	2,280,859,060	156,039,088	1,526,868,978	89,400,620
Oct. 31, 1920	8,479,620,824	[3] 2,436,864,530	718,674,378	152,979,026	1,212,360,791	352,850,336
Mar. 31, 1917	5,396,596,677	[3] 2,952,020,313	2,681,691,072	152,979,026		117,350,216
June 30, 1914	3,797,825,099	[3] 1,845,569,804	1,507,178,879	150,000,000		188,390,925
Jan. 1, 1879	1,007,084,483	[3] 212,420,402	21,602,640	100,000,000		90,817,762

[1] Does not include gold bullion or foreign coin other than that held by the Treasury, Federal reserve banks, and Federal reserve agents. Gold held by Federal reserve banks under earmark for foreign account is excluded, and gold held abroad for Federal reserve banks is included.

[2] These amounts are not included in the total since the money held in trust against gold and silver certificates and Treasury notes of 1890 is included under gold coin and bullion and standard silver dollars, respectively.

[3] The amount of money held in trust against gold and silver certificates and Treasury notes of 1890 should be deducted from this total before combining it with total money outside of the Treasury to arrive at the stock of money in the United States.

[4] This total includes $55,466,536 gold deposited for the redemption of Federal reserve notes ($503,280 in process of redemption), $28,667,622 lawful money deposited for the redemption of National bank notes ($17,040,235 in process of redemption, including notes chargeable to the retirement fund), $1,350 lawful money deposited for the retirement of additional circulation (act of May 30, 1908), and $16,155,207 lawful money deposited as a reserve for postal savings deposits.

Location, ownership, and per capita circulation of United States money, December 31, 1931—Continued

Kind of money	Money outside of the Treasury			
	Total	Held by Federal reserve banks and agents [5]	In circulation [6]	
			Amount	Per capita [7]
Gold coin and bullion	$902,396,690	$493,770,233	$408,626,457	$3.28
Gold certificates	1,751,456,019	874,686,980	876,769,039	7.04
Standard silver dollars	41,091,470	8,297,281	32,794,189	.27
Silver certificates	494,241,766	105,153,789	389,087,977	3.13
Treasury notes of 1890	1,230,200		1,230,200	.01
Subsidiary silver	300,911,958	30,320,809	270,591,149	2.17
Minor coin	122,327,828	5,160,395	117,167,433	.94
United States notes	343,131,133	55,320,287	287,810,846	2.31
Federal reserve notes	2,925,079,515	321,625,858	2,603,453,657	20.90
Federal reserve bank notes	2,838,179	100	2,838,079	.02
National bank notes	603,533,317	37,129,455	656,403,862	5.27
Total Dec. 31, 1931	7,578,238,075	1,931,465,187	5,646,772,888	45.34
Comparative totals:				
Dec. 31, 1930	6,941,566,639	2,051,443,291	4,890,123,348	39.41
Oct. 31, 1920	6,761,430,672	1,063,216,060	5,698,214,612	53.21
Mar. 31, 1917	5,126,267,436	953,321,522	4,172,945,914	40.23
June 30, 1914	3,459,434,174		3,459,434,174	34.93
Jan. 1, 1879	816,266,721		816,266,721	16.92

[5] Includes money held by the Cuban agency of the Federal Reserve Bank of Atlanta.

[6] The money in circulation includes any paper currency held outside the continental limits of the United States.

[7] Population of continental United States (estimated) Dec. 31, 1931, 124,556,000; Dec. 31, 1930, 124,074,000; Oct. 31, 1920, 107,096,000; Mar. 31, 1917, 103,716,000; June 30, 1914, 99,027,000; Jan. 1, 1879, 48,231,000.

NOTE.—Gold certificates are secured dollar for dollar by gold held in the Treasury for their redemption; silver certificates are secured dollar for dollar by standard silver dollars held in the Treasury. This redemption; United States notes are secured by a gold reserve of $156,039,088 held in the Treasury. This reserve fund may also be used for the redemption of Treasury notes of 1890, which are also secured dollar for dollar by standard silver dollars held in the Treasury; these notes are being canceled and retired on receipt. Federal reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal reserve bank. Federal reserve notes are secured by the deposit with Federal reserve agents of a like amount of gold or of gold and such discounted or purchased paper as is eligible under the terms of the Federal reserve act. Federal reserve banks must maintain a gold reserve of at least 40 per cent, including the gold redemption fund which must be deposited with the United States Treasurer, against Federal reserve notes in actual circulation. Lawful money has been deposited with the Treasurer of the United States for retirement of all outstanding Federal reserve bank notes. National bank notes are secured by United States bonds except where lawful money has been deposited with the Treasurer of the United States for their retirement. A 5 per cent fund is also maintained in lawful money with the Treasurer of the United States for the redemption of national bank notes secured by Government bonds.

Cash assets and liabilities of the United States mints and assay offices, December 31, 1931

ASSETS

Institutions	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Coinage mints:				
Philadelphia	19,187,032.021	$396,631,152.77	8,397,234.06	$7,720,207.02
San Francisco	41,074,833.515	849,092,165.49	1,993,688.36	1,250,008.37
Denver	7,298,928.226	150,882,237.20	4,333,219.14	2,991,117.05
Assay offices:				
New York	57,247,511.726	1,183,411,094.82	3,591,016.95	1,862,559.59
New Orleans	3,401.167	70,308.85	2,069.57	637.61
Carson City	677.507	14,005.22	567.64	173.14
Boise	299.295	6,186.96	308.85	114.45
Helena	464.563	9,603.10	164.17	69.07
Seattle	58,283.442	1,204,825.77	9,413.58	2,947.00
Salt Lake City	603.857	12,482.54	203.86	81.44
Total	124,872,035.319	[8] 2,581,334,062.72	18,327,886.18	13,827,914.74

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–1910 [1]	$461, 306, 021	$58, 613, 159	$34, 283, 578	$554, 202, 758
1911	51, 143, 245	9, 370, 356	4, 019, 825	64, 533, 426
1912	51, 388, 352	11, 413, 021	7, 959, 870	70, 761, 243
1913	41, 299, 073	12, 696, 925	7, 813, 558	61, 809, 556
1914	35, 421, 165	6, 142, 090	7, 626, 125	49, 189, 380
1915	38, 564, 526	8, 361, 692	2, 971, 471	49, 897, 689
1916	52, 210, 988	12, 019, 899	2, 742, 312	66, 973, 199
1917	27, 090, 143	50, 023, 842	2, 656, 203	79, 770, 188
1918	31, 322, 709	202, 503, 389	8, 601, 568	242, 427, 666
1919	14, 440, 703	181, 671, 933	14, 066, 084	210, 178, 720
1920	4, 902, 478	83, 433, 040	5, 970, 531	94, 311, 049
1921	11, 843, 103	29, 916, 641	2, 942, 981	44, 702, 725
1922	10, 632, 662	45, 097, 143	1, 001, 128	56, 780, 933
1923	6, 315, 293	62, 066, 275	681, 762	69, 063, 330
1924	23, 418, 769	79, 593, 505	2, 064, 232	105, 076, 506
1925	8, 371, 476	79, 782, 973	6, 454, 557	94, 609, 006
1926	3, 799, 262	80, 853, 036	3, 891, 161	88, 543, 459
1927	2, 399, 847	54, 748, 487	2, 699, 776	59, 848, 110
1928	544, 052	80, 092, 220	4, 036, 456	84, 672, 728
1929	83, 562	60, 150, 728	2, 554, 128	62, 788, 418
1930	2, 053, 773	47, 320, 561	1, 521, 589	50, 895, 923
1931	4, 653, 596	16, 434, 212	2, 669, 278	23, 757, 086
Total	883, 254, 798	1, 272, 310, 127	129, 228, 173	2, 284, 793, 098

[1] Data for individual years published in Report of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–1890	$232, 194, 271	$26, 240, 746	$54, 866, 527	$313, 301, 544
1891–1900	269, 872, 576	63, 081, 893	61, 808, 988	394, 763, 457
1901–1910	425, 855, 098	38, 176, 749	17, 907, 809	481, 939, 656
1911	43, 131, 303	5, 208, 615		48, 339, 918
1912	58, 181, 441	9, 329, 080		67, 510, 521
1913	47, 793, 897	3, 674, 207	9, 295	51, 477, 399
1914	27, 554, 123	243, 325	1, 216	27, 798, 664
1915	18, 454, 444	24, 332	32, 435	18, 511, 211
1916–1918 [2]				
1919	1, 546, 832	2, 766, 240		4, 313, 072
1920	18, 662, 366	24, 727, 149		43, 389, 515
1921	30, 756, 772	16, 789, 537		47, 546, 309
1922	34, 480, 053	16, 457, 043		50, 937, 096
1923	42, 617, 483	10, 115, 264		52, 732, 747
1924	21, 651, 852	1, 791, 582	138, 744	23, 582, 178
1925	24, 391, 639	3, 945, 189	3, 261	28, 340, 088
1926	37, 277, 181	1, 736, 732	1, 325, 776	40, 339, 689
1927	23, 430, 762	694, 776	10, 804	24, 136, 342
1928	19, 756, 973	11, 262, 890	963, 718	31, 983, 581
1929	19, 215, 677	5, 648, 167		24, 863, 844
1930	27, 487, 140	6, 634, 738	145, 854	34, 267, 732
1931 [3]	15, 324, 823	4, 247, 136	421, 891	19, 993, 850

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Pound values converted to dollars at par, notwithstanding British values in depreciated currency after Sept. 21, 1931.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31—[1]	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2, 628, 688			162, 348, 853
1881–82 to 1886–87			5, 120, 298			158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 387, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 682
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

NOTE.—The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 tolas, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

United States gold coin held in Canadian reserves since 1885

[From unpublished reports of institutions]

Year ended—	In Government treasury	In chartered banks		Total
		Number	Value	
June 30—				
1885	$1, 916, 270	(1)	(1)	(1)
1886	2, 482, 773	(1)	(1)	(1)
1887	1, 818, 563	(1)	(1)	(1)
1888	2, 768, 783	(1)	(1)	(1)
1889	2, 799, 333	(1)	(1)	(1)
1890	2, 874, 158	(1)	(1)	(1)
1891	3, 648, 036	(1)	(1)	(1)
1892	4, 237, 349	(1)	(1)	(1)
1893	6, 043, 473	(1)	(1)	(1)
1894	6, 883, 335	(1)	(1)	(1)
1895	6, 954, 454	(1)	(1)	(1)
1896	8, 219, 631	(1)	(1)	(1)
1897	10, 338, 447	(1)	(1)	(1)
1898	9, 637, 483	(1)	(1)	(1)
1899	11, 487, 197	(1)	(1)	(1)
1900	11, 068, 273	(1)	(1)	(1)
1901	13, 001, 465	(1)	(1)	(1)
1902	17, 260, 375	(1)	(1)	(1)
1903	23, 554, 485	34	$10, 875, 899	$34, 430, 384

[1] Not available.

United States gold coin held in Canadian reserves since 1885—Continued

[From unpublished reports of institutions]

Year ended—	In Government treasury	In chartered banks		Total
		Number	Value	
Dec. 31—				
1904 [1]				
1905	$29,494,298	34	$11,320,323	$40,814,821
1906	31,040,149	33	12,836,881	43,877,030
1907	33,529,839	(1)	12,244,213	45,774,052
1908	54,909,076	31	15,679,259	70,588,335
1909	62,988,474	29	17,364,362	80,352,836
1910	68,261,279	28	21,472,620	89,733,899
1911	93,507,764	23	21,330,458	114,838,222
1912	98,648,736	25	19,210,327	117,859,063
1913	[2] 106,642,969		(1)	(1)
1914	86,382,620		41,430,813	127,813,433
1915	86,516,595	19	42,266,553	128,813,148
1916	86,084,920	22	44,271,872	130,306,792
1917	77,899,495	20	52,571,239	130,470,734
1918	75,785,665	19	49,861,330	125,646,995
1919	60,988,110	18	59,809,050	120,797,160
1920	35,896,485	18	53,680,819	89,577,304
1921	35,896,305	17	47,856,405	83,735,710
1922	67,941,550	16	58,337,081	126,278,412
1923	41,090,395	14	36,861,017	77,951,631
1924	77,173,105	13	36,734,226	113,907,331
1925	67,135,310	10	47,937,165	115,072,475
1926	72,427,835	11	38,915,708	111,343,543
1927	51,179,390	11	53,495,253	104,674,643
1928	31,018,970	10	53,241,662	84,260,632
1929	10,995,220	11	47,149,217	58,144,437
1930	28,748,085	11	52,447,520	81,195,605
1931	4,270,780	10	42,121,138	46,391,918

[1] Not available.
[2] Held by the Receiver General of the Dominion of Canada.

The Course of Gold and Silver

The following review of the London market during the calendar year 1931 is from the annual circular issued by Messrs. Sharps & Wilkins, bullion brokers, of London, England:

GOLD

The past year has presented several important features, of which the following appear worthy of special reference:

1. The abnormally heavy withdrawals of gold from London to certain continental centers, which took place during the opening month of the year and which, after a temporary cessation, were resumed to an increased extent during July, August, and September. As the result of the financial crisis in Germany and Austria which developed in July, confidence abroad became severely shaken, which was followed by the repatriation of part of the large balances held in this country on continental account.

2. The serious effect of these exports upon the reserves of gold held by our central institution which, according to the return published on the 12th of August, had depreciated to the low level of £132,000,000, showing a net efflux of £15,000,000 since the commencement of the year and of rather more than £18,000,000 since the return to a gold standard became effective in 1925.

3. The decision of the Government, after consultation with the Bank of England, to suspend as from the 21st of September, 1931, that section of the gold standard act of 1925 which imposed a definite obligation on the part of the bank to sell bar gold at a statutory price. This alteration in the existing conditions became necessary as a countermove to the heavy withdrawals of foreign balances from this country. An act to this effect, known as the gold standard (amendment) act, 1931, was duly passed by Parliament on the 21st of September. The new act merely applied to the sales of gold by our central institution and in no way affected the existing conditions of dealing with gold offered for sale in the open market.

The first intimation of any possible change was the refusal of the Bank of England on the 17th of September to issue sovereigns for export. Since the

return to a gold standard in 1925, the bank, although under no obligation in the matter, had been in the habit of giving sovereigns for export purposes as an act of grace, considerable quantities having been shipped to the Continent and also to India during this period.

The immediate effect of the amended conditions was a sharp depreciation in the value of sterling in terms of the currencies of other countries remaining on a full gold standard. As the result, a premium in terms of sterling on gold, varying in extent according to the depreciation in this currency, became established, and remained throughout the rest of the year, with the highest price 126s. 10d. quoted on the 8th of December, and representing a premium of approximately 49 per cent.

4. The commencement of gold shipments from India.

For many years past India has been one of the chief consuming countries of gold, the net imports during the present century alone amounting to over £500,000,000, the greater part of which has found its way into the interior of the country for hoarding purposes, thus virtually disappearing.

The propensity for hoarding on the part of the natives has been long in existence and it is quite impossible to arrive at even a rough estimate of the amount of gold hidden away in the various hoarding places up country.

India, in common with other producing countries, has suffered from the effects of the world-wide trade depression and the consequent slump in the prices of her export commodities, such as jute, cotton, oilseeds, and wheat. As the result the ryot [1] has become considerably impoverished, and his purchasing power reduced to little beyond the barest necessities of life. The reduction of some £10,000,000 in the amount of gold imported into India during 1931 when compared with the previous year bears testimony to the altered economic conditions in that country.

The rupee being harnessed to sterling enables the natives to take advantage of the premium on gold in terms of that currency and to realize part of their accumulated stocks. Consequently, during the last three months of the year, large quantities of the metal in various forms found their way from the interior to Bombay, where they were melted into bars at the mint for export. About £25,000,000 had been shipped up to the end of 1931, and further shipments have taken place since.

The greater part of these shipments has been refined in London on arrival, the resultant fine gold being forwarded to such countries as France, Holland, and America, which are still on a full gold standard, and therefore buyers of the metal at their individual statutory rates. Owing to the relative premium in terms of sterling at which the currencies of these three countries have ruled since the commencement of these shipments, together with the difficulty of fixing finance for protracted periods, only a comparatively small part of this gold has actually found its way to New York, by far the greater quantity having been forwarded to Paris and Amsterdam. The amounts dealt with up to the end of the year have been approximately disposed of as follows:

France	£10,000,000
Holland	4,500,000
New York	1,500,000

In addition to the above, approximately £2,000,000 has been shipped direct to New York for refining and realization in that city.

The unexpected release of part of this vast stock of gold has introduced entirely new factors of very considerable importance. In addition to improving the value of the rupee and thereby assisting in the maintenance of a 1s. 6. basis, sterling has also greatly benefited, at any rate temporarily, by the substantial sales of foreign currencies effected in connection with the realization of these shipments. The possible important effect of these gold shipments upon the price of silver is referred to in our comments upon that metal further on. At the same time the fact that this gold is ultimately finding its way into the already swollen coffers of the chief remaining gold standard countries, instead of being put to more practical and general use, is adding to the already existing difficulties which these countries are experiencing in maintaining the gold standard. Their future action will be watched with great interest.

5. The unusually small proportion of the total arrivals of gold from South Africa dealt with in the open market during the past year. The forward purchases by certain European countries of the weekly shipments from the cape during the first three months of the year and again at later dates, together with the special arrangements made during the last quarter for dealing with this gold, have been responsible for less than 50 per cent of the total arrivals being actually offered for disposal.

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[1] Peasant.

January-March.—From the commencement of the year under review until the middle of March, the shipments of gold from London to Paris, which had proceeded more or less continuously since November, 1930, continued; approximately £20,000,000 being exported to that quarter during this period. Of this amount about half was in the form of withdrawals from the central institution during January, the balance as the result of forward purchases of the weekly arrivals from South Africa. The only gold available at the Bank of England being of standard fineness and not accepted as good delivery by the Bank of France without refining, the extent of the shipments to that quarter during the early part of January was chiefly dependent upon the daily outturn capacity of the London refiners. About the middle of the month, however, the Bank of France decided to accept standard gold without refining provided that the bars were manufactured from melted sovereigns. The price of gold in the open market which had been quoted at a premium over the Bank of England's statutory selling price, based upon the extra charge for refining, resumed its normal range.

The effect of this important development was to increase temporarily the extent of the withdrawals from the bank which were no longer restricted by the necessity of refining.

At the end of January the London-Paris exchange rate moved in favor of sterling, and no further withdrawals of any special importance were made from the Bank of England on account of France or elsewhere for the remainder of that quarter. The weekly arrivals from South Africa, however, continued to be purchased in advance, at first chiefly for account of France and later, to a minor extent, by Belgium. It was therefore not until the middle of March that the Bank of England, after a period of 12 months, was able to secure any part of this gold offered for sale in the open market.

As the result of the withdrawals from the Bank of England during the early part of the year, the stocks of gold in the issue department had become depleted by £8,000,000 to the level of £139,000,000, by the commencement of February. Mainly owing to the receipt of some £5,500,000 sovereigns from South Africa, South America, Australia, and Spain, the purchase of South African gold and also of £1,500,000 from an unknown source, the position was improved by £3,000,000 by the end of March.

April-June.—The chief feature during this period was a continuation of the strengthening of the reserves of gold held by our central institution, which by the end of June had appreciated to the extent of some £19,000,000 to £162,000,000. No important withdrawals took place and the Bank of England was able to secure the greater part of the usual weekly arrivals of gold offered for sale in the open market at the statutory buying price. In the early part of April owing to a temporary weakness in the London-New York rate and again in June as the result of the low level of the Swiss exchange, the bank experienced some competition for the available supplies of open-market gold and was therefore on occasions obliged to pay slightly above its statutory buying price.

Sovereigns to the extent of £3,500,000 continued to be received from South Africa, South American, and Australia, but these were temporarily offset by the earmarking of considerable quantities for account of Argentina. The receipt in June of about £8,000,000 in bar gold from Germany as the result of the important transfer of funds to this country, also materially assisted in strengthening the returns of the Bank of England.

July-September.—During the early part of July the central institution continued to acquire gold, the return published on the 9th of July giving the stocks in the issue department as £164,000,000, which proved to be the highest figure reached during the year. The financial crisis which developed in Germany and Austria in the middle of the month was responsible for withdrawals of the metal from London to the continent on an unprecedented scale; the gross efflux during the second half of July amounting to no less than £40,000,000. These exports were chiefly to France, but Holland, Belgium, and Switzerland participated to a lesser extent. In addition to the purchases from the bank the arrivals from South Africa during the latter part of the month were again secured in advance for account of Paris

Although the sterling rate in terms of the dollar ruled at times below the gold export point no movements of any importance took place between London and New York. This heavy drain of gold was reflected in the depletion of the stocks of the metal in London by some £31,000,000 to £132,000,000 during July.

As a means of checking the outflow of gold the bank rate was raised to 4½ per cent at the end of the month. It was further announced at this time that a credit totalling £50,000,000 had been placed at the disposal of the Bank of England by the Bank of France and the Federal Reserve Bank of New York.

These measures had the effect of temporarily easing the position and with the exception of the withdrawal of £2,500,000 on the 6th of August to France and Holland, due to the sudden weakening of the sterling rate which proved short-lived, movements of the metal adverse to this country during August were unimportant. Although the Bank of England did not secure any part of the weekly arrivals from the cape, which were bought on continental account and also by undisclosed buyers, the return published on the 26th of August showed an increase in stocks of slightly more than £1,000,000. Further substantial shipments of sovereigns continued to be received from South Africa, South America, and Australia and in addition certain important amounts, which had been previously earmarked, were released.

During the first half of September, with the Paris and New York exchange rates ruling above gold export point, the central institution was enabled to increase further its gold holding to nearly £136,000,000, chiefly by purchases in the open market, paying above the statutory minimum price. On the 14th of September heavy withdrawals began, in addition to purchases in the open market, for account of Holland, a total of some £4,000,000 being taken from the Bank of England on that and the five subsequent days.

As the result of the suspension of part of the gold standard act, 1925, as from 21st of September, all withdrawals automatically ceased. The bank rate was further raised from 4½ per cent to 6 per cent.

October-December.—Owing to the amended conditions as from the 21st of September last, with the exception of the withdrawal from the Bank of England of gold to the extent of £15,000,000 on the 31st of October in part repayment of the £50,000,000 credits granted by the Bank of France and the Federal Reserve Bank of New York in August, no important movements took place. This sale of gold had the effect of reducing the stocks held in the issue department to £120,000,000, at which level they remained throughout the rest of the year. The regular dealings in the weekly arrivals of gold in the open market also ceased, but small amounts were, however, offered for sale from time to time.

Interest during this period was chiefly centered upon the shipments of gold from India, but, as previously reported, only a very small portion was offered for sale in London, the bulk being reforwarded to either the continent or America after refining had been completed.

With the exception of the export of about £2,000,000 gold representing part of the shipments from India, no movements of any importance have taken place between this country and America during the past year.

Although Germany figured as an important buyer of gold during 1930 some £15,000,000 being exported from London, there has been a net balance of imports from that country of about £6,000,000 during the period under review.

The imports of sovereigns acquired by the Bank of England for the past year have amounted to £17,500,000 which shows a reduction of about 50 per cent when compared with 1930, for which the receipt of £19,000,000 less from Australia has been chiefly responsible. On the other hand the total movements of gold bullion both refined and unrefined have shown a substantial increase; imports amounting to £79,500,000 and exports to £125,900,000 as compared with £49,000,000 and £80,500,000 in 1930.

The figures for both imports and exports relating to the past year, however, include the shipments from India, the greater part of which was merely refined in London preparatory to reexportation.

Approximately £23,000,000 gold has been offered for sale in the open market during 1931, of which the Bank of England has secured about £13,000,000.

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SILVER

The predominating features of the silver market during the past year are to be found in (1) the further depreciation in price resulting in the establishment of a new low record of 12d.; the quotation for the immediate delivery on the 9th of February, and (2) the recuperative powers displayed by the metal at a time when the market appeared to be in a more or less demoralized condition, culminating in the substantial although largely artificial appreciation in price which took place during the latter part of the year, raising the quotation to 21⅛d. representing the level ruling at the commencement of 1930.

In common with other commodities, silver has depreciated substantially in price as will be seen by referring to the table of average prices given later, not however, through overproduction of the metal, the figures for the last eight years showing comparatively little variation, but as the result of the following prime factors each of which has adversely affected the price to a varying extent.

1. The reduction in the quantity of silver required annually for coinage purposes has affected one of the old established uses of the metal.

2. The practice adopted by certain European countries, following the lead of our own Government, of debasing their coinage or issuing notes or base metal coins in place of silver, together with the growing fashion of linking currencies to gold as in the case of Indo-China and Siam, has had the effect of releasing large quantities of silver for realization usually regardless of price or the conditions existing at the time, for which a market has had to be found in addition to the production from natural sources.

The harnessing of the rupee to gold in 1927 rendered redundant the greater part of the stocks of silver held by the Indian treasury and although the disposal of this silver has actually been limited to some 30,000,000 ounces per annum, the uncertainty as to what the next move might be has cast a shadow over the market, tending to accentuate the growing lack of confidence in the metal, and inducing consumers to refrain from purchasing in excess of their actual requirements.

3. The serious depreciation in the consuming capacity of the two chief silver-using countries, India and China.

For years these two countries had been in the habit of absorbing without difficulty a very large proportion of the mined silver produced annually, together with the extra weight of demonetized coins. With their purchasing power greatly reduced, as the result of economic disturbances and the falling external value of their exports, it became impossible to market the total supplies of silver available from all sources except at continually depreciating prices.

The opinion has been freely expressed recently, although we think to an exaggerated extent, that the collapse in the price of silver has played an important creative part in the general world trade depression, owing to its responsibility in the lack of purchasing power by the Far East. As the result various schemes have been mooted for the rehabilitation of silver and the restoration of the metal to its traditional use as an important component part of the world's monetary machine.

The old-time question of bimetallism or the stabilization of silver on a fixed ratio to gold also became resuscitated. Although none of the suggestions put forward actually materialized there is no doubt that the firm belief that some international action would be taken was very largely responsible for the resistance shown by the market during the greater part of the year, operators being induced to cover their outstanding oversold positions and showing little disposition to undertake fresh short commitments.

The low price for silver must adversely affect producing more than consuming countries. The value of the Chinese tael being dependent upon the price of silver any depreciation in this respect should tend to restrict imports, at the same time stimulating exports, upon which the purchasing power of a producing country depends. The fact that the consumption of silver by China has shown a reduction of nearly 50 per cent during 1931, is due partly to political and military disturbances, but chiefly to the inability of the western nations, impoverished by postwar indebtedness and its accompaniment of heavy taxation, to purchase China's products.

The depreciated value of the tael has undoubtedly reduced the importation of certain commodities into China and thereby adversely affected those countries accustomed to depend upon the Far East for a large part of their export trade, but had there been a ready market for China's products the consuming capacity of that country for silver would hot have become so much curtailed, which would in turn have done much toward preventing the collapse in the price.

	1931	1930	1929	1928	1927	1926	1925
	d.	d.	d.	d.	d.	d.	d.
Highest quotation	21 9/16	21 5/8	26 7/16	28 7/8	28	31 13/16	33 7/16
Lowest	12	14 7/16	21 9/16	26 1/16	24 3/4	24 1/8	31 1/16
Average	14 19/32	17 13/16	24 1/16	26 3/4	26 1/32	28 11/16	32 1/8
Range in prices	9 1/16	7 3/16	5 1/8	2 13/16	3 1/4	7 13/16	2 3/8

The range in prices of 9 1/16d. during 1931 is considerably larger than in recent years; in fact, it is necessary to go back 10 years in order to find a wider difference between the highest and lowest quotations. The price ruling on the 31st of December represents an appreciation of 5 3/4d. when compared with the opening rate for 1931.

At the commencement of the period under review the price of cash silver was quoted at 14 7/16d. but a weakening tendency developed almost immediately and

although temporary recoveries took place, the new low record price of 12d. was quoted on the 9th of February. Substantial orders for shipment were received from India during this period for which the fear of a possible increase in the import duty was chiefly responsible. This demand, however, was unable to absorb the persistent sales of silver by both China and America. In addition, lack of confidence in the market induced the Indian buyers to cover the greater part of their purchases by forward sales simultaneously effected. The amount shipped to India during this period represented more than 50 per cent of the total shipments during the past year. The large demand for cash silver resulted in the cash quotation being quoted at a substantial premium, as much as halfpenny ruling toward the end of January. As the result of the fresh forward sales referred to above the Indian oversold position which had continued in existence for some considerable time, became increased to about 15,000,000 ounces, and later to nearly 20,000,000 ounces.

From the low level previously reached a gradual improvement took place during the remainder of February and the first half of March until 14½d. was again quoted on the 16th of March. A moderate demand for shipment to India continued which was largely satisfied by sales of silver on continental account. It was more or less generally anticipated that the increase in the duty on silver imported into India would amount to 100 per cent, and the announcement at the beginning of March that this duty would only be raised from 4 to 6 annas per ounce together with a temporary relaxation of the political tension in India, had a stimulating effect upon the market. In addition, a less pessimistic tone showed signs of developing at that time, induced very largely by the belief that definite remedies for the fall in silver were likely to be found as the result of the proposal of an international conference to discuss the whole position.

Both India and China began to reduce their oversold positions, and in the absence of any fresh speculative selling, which had played an important part in the fall in the price, orders could only be satisfied at improving rates.

The second half of March witnessed a renewal of the weakness in the market, the absence of any fresh news as to the proposed international conference induced speculators to sell. In addition, the weakness of the China exchange rate, for which the rumored sale of a substantial amount of silver by the Indian Government to China was largely responsible, had the effect of inducing China selling, which together with the liquidation of part of the silver held against the Hong Kong note issue, caused a fall in price to 12⅝d. quoted on the 8th of April. The demand for actual metal continued extremely poor throughout this period and in consequence the stocks in London became increased to some 5,000,000 ounces, the cash price being quoted at a discount.

After recovery to 13½d. the rate on the 18th of April, for which a cessation of the China selling referred to was largely responsible, coupled with a fair amount of bear covering from the East and persistent bidding by New York for forward delivery, a gradual weakening tendency again set in which, after various fluctuations of comparatively minor importance, carried the price to 12⅝d. on the 29th of May.

There was no improvement in the offtake and although there was a resumption of forward purchases for account of Hong Kong, these were easily satisfied by sales of prompt silver by America and speculative selling from the East, prompted by the absence of any satisfactory information with regard to the proposed conference on the silver question. Some substantial sales were also made on continental account during this period.

No important movements took place during the greater part of June—the market displayed little activity. On the 22d of June President Hoover's proposal of a moratorium for war debts produced a sharp improvement in the eastern exchange rates, which, coupled with speculative covering in London, caused a rise in price to 13 1/16d. After fluctuating around this level through the remainder of the month and the commencement of July, the price again weakened to 12⅝d. quoted on the 10th of August. The feeling of comparative optimism which had existed in the market began to subside. The demand was extremely poor and operations were chiefly confined to speculative dealings both ways to a limited extent. Sales of silver by the Siamese Government, representing demonetized coins, were made during July and some shipments of silver were also made from India at this time against sales previously effected.

The announcement at the end of July that Mexico had adopted a silver standard failed to produce more than a temporary improvement in price, the market being dominated by a general lack of confidence.

Apathetic conditions continued throughout the remainder of August and the first three weeks of September. Owing to the lack of offtake and America a free

seller for prompt shipment cash silver became a drug in the market, the quotation for immediate delivery ruling at a discount.

The report received on the 19th of September of military activities between China and Japan in Manchuria had the effect of imparting a steadier tone to the market, and it is from this point that the substantial recovery in price commenced.

On the 21st of September the announcement that our government had decided to suspend part of the gold standard act of 1925, had the immediate effect of producing a depreciation in the value of sterling and a sharp upward movement in the price of silver, which rose rapidly to 19½d. the quotation on the 25th of September, representing a rise of 6⅛d. in five days. Although this improvement did not in any way stimulate the demand for the actual metal, the altered conditions induced a wave of speculative buying partly to close up the remaining oversold positions, but chiefly in the shape of fresh forward purchases, which were largely responsible not only for the improvement referred to above, but later for carrying the price up to the highest level of the year.

For many years speculative positions in silver to any important extent have been confined to the East, the operators in the bazaars freely using silver as a gambling counter. After the 21st of September speculation became largely transferred to the West, an enormous bull position being built up in New York due to the dealing in silver futures in the New York Metal Exchange which commenced operations in June, 1931.

On the 26th of September the quotation dropped back sharply to the level of 16⅜d. due partly to profit-taking by speculators but chiefly to the sale of a large amount of silver by one of the China banks with the object of checking the rapid rise in price which was disorganizing the trade conditions in that country.

At the end of September an additional duty of 2 annas was imposed by the Indian Government on silver imported into India, but this produced little effect upon the market.

After easing further to 15 15/16d. at the commencement of October, the price again improved to the level of 17d. around which it remained throughout the greater part of the month.

The special selling by China referred to above had ceased and in addition some purchases were made on continental account and bears continued to cover. There was also a demand from India for shipment, part of the proceeds from the realization of the shipments of gold received at that time being reinvested in silver.

The improvement in price induced producers to sell more freely but the increase in the export of the metal created a much healthier market by absorbing a large part of the accumulated stocks and by the end of the month the cash quotation was ruling at a premium. During the latter part of October a fresh wave of speculative buying set in chiefly from New York where operators paid exaggerated prices for forward silver, which, together with a continuation in the demand on Indian and continental accounts, was responsible for raising the price to 21⅛d. quoted on the 10th of November. This substantial further improvement, due almost entirely to the speculation existing at that time, had carried the price far above its intrinsic value, rendering the market extremely vulnerable and dangerous, as it was obvious that the rate could not be maintained at this enhanced level by speculation unbacked by genuine demand. This was plainly indicated when on the 16th of November the price broke sharply to 18d., representing a fall of 3⅛d. in one day. Large sales of silver were made, chiefly unlimited as to price, from America, India, and China, prompted partly by the quotation having risen well above the parity of the eastern rates, but also to a rumor that the Indian government was taking advantage of the high level reached to dispose of some of its silver, which induced speculators to attempt to secure profits. After so sharp a fall some reaction was only to be expected, and a recovery took place to 18⅞d. only to be followed by a further setback to 18⅛d. From this point a steadier tone developed in the market followed by a gradual rise in price to 20 1/16d. on the 8th of December, for which the weakness in sterling, together with less favorable news regarding the Sino-Japanese situation in Manchuria, was chiefly responsible.

Purchases continued on continental account which constituted practically the only important demand for the actual metal during the remainder of the year, as the Indian demand for shipment had ceased somewhat abruptly in the previous month. America was a free seller for near delivery, although lending considerable support for more distant dates. With extremely quiet conditions existing, the fluctuations in price were largely governed by the movements in the value of sterling. The reduction in the demand for export had again allowed the stocks

of the metal in London to increase substantially with the result that a discount of as much as ¼d. ruled in the cash price.

After various fluctuations the rate at the end of the year was quoted 20¾d.

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Demonetized silver.—The sales of demonetized silver coins have also shown a decrease during the past year. No important amounts have been sold by European countries as in recent years, but the sales by the Indian government have continued, amounting to approximately 35,000,000 ounces or slightly more than in 1930. Of this total some 26,500,000 ounces have been shipped to London, about 10,000,000 ounces of which were reforwarded to Germany in an unrefined state. In addition, approximately 8,000,000 ounces were exported to China and a moderate amount was disposed of in India.

The Siamese Government disposed of about 20,000,000 ounces of silver as the result of the demonetization of their currency.

No sales of any importance were made by the British mint during 1931 as the result of the debasement of our coinage.

In addition to India, Spain and Persia appear to be the only important countries still possessing large quantities of redundant silver coins. Although sales by the latter are expected to be made, no realizations on government account have taken place up to date.

We estimate the total amount of silver available during 1931 from the sales of demonetized coins as approximately 57,000,000 ounces, or some 15,000,000 ounces less than in the previous year. This, together with the ordinary production of the metal, has made a total of about 252,000,000 ounces for which a market has had to be found, as compared with 315,000,000 ounces in 1930.

Coinage.—The only coinage operations of any importance during the past year have been for account of Germany, some 25,000,000 ounces of silver having been utilized for this purpose. Of this amount about 7,500,000 ounces of refined silver have been exported from London and in addition approximately 10,500,000 ounces in an unrefined state, representing part of the shipments by the Indian government, were reforwarded to Germany, the balance being accounted for partly by shipments direct from Mexico to Hamburg and partly by outright purchase in New York.

A contract has been completed by the London and Paris Mints for the manufacture of silver coins for Rumania and its is believed that some of the smaller European States are also contemplating the coinage of silver currencies.

India.—The consumption of silver by India during 1931 is estimated at about 60,000,000 ounces, of which nearly 49,000,000 ounces were shipped from London, of which more than 50 per cent took place in the first two months of the year. One of the features of the past year has been the entire liquidation of the substantial speculative oversold position, on account of the Indian bazaars, which has been in existence in London for some considerable time. Since the departure from the gold standard by this country in September when the position was finally covered the bazaar operators have shown little disposition to open speculative transactions, although some forward purchases were affected to a limited extent.

The stocks of rupees held by the Indian Treasury amounted to 12,299 lacs at the end of 1931 as compared with 11,999 lacs on the 31st of December, 1930, showing an increase of 300 lacs. Since the Indian shipments of gold commenced to be made at the end of September last, there has been a reduction of 955 lacs due to a large part of this gold having been exchanged for silver rupees, for which the concerted movement toward the nonacceptance of paper currency was chiefly responsible. Should the shipments of gold continue during 1932 this demand for rupees should at any rate temporarily affect the necessity of further sales of silver by the Indian government. However, at the moment there appears to be a very definite attempt to prevent the further exportation of capital, so that it will be of interest to see to what extent this will be successful in stopping the shipments of gold referred to.

As the result of the rise in the price of silver during the latter part of the year, large quantities of silver coins have found their way to Bombay from Persia, Iraq, and Afghanistan. These coins are manufactured into mint bars and sold in the bazaars.

Owing to the extremely poor upcountry demand, the stocks in Bombay have steadily increased to 9,000 bars at the end of 1931.

China.—We estimate the consumption of silver by China during 1931 at about 55,000,000 ounces as compared with 135,000,000 ounces in the previous year. Shipments from London have amounted to 13,000,000 ounces representing an

ncrease of about 5,500,000 ounces, although actually showing a depreciation in value owing to the low level of prices ruling during the greater part of the past year. It is some considerable time since the consuming capacity of China has fallen so low. The stocks of silver in Shanghai on the 26th of December were as follows:

Fifty-one million taels of sycee, 165,000,000 dollars, 5,560 bars as compared with 92,650,000 taels of sycee, 153,000,000 dollars, and 2,100 bars at the same period in 1930. The substantial decrease in sycee and increase in dollars is presumably due to the minting operations at Hangchow and other centers to a lesser degree.

While so many uncertain factors exist it is difficult to form any very definite opinion as to the outlook for silver during 1932. The substantial improvement which has taken place recently seems to have placed in the background any question of international action, at any rate for the time being. In the long run we believe that silver will improve in value to the pre-war level of about 24d., but this seems improbable until there is a more definite improvement in trade condition generally. Owing to the suspension of the gold standard it is unlikely that prices will again fall to the low level ruling throughout the greater part of 1931. As about 70 per cent of the world's production of the metal is in the form of a by-product, the agreed restrictions in existence now as to the production of copper should assist in preventing any increase in the amount of silver to be derived from natural sources during 1932.

Sales from demonetized coins will probably continue, but these have tended to decrease as time goes on and there is even a possibility that the conditions, which have necessitated the sales of surplus rupees by the Indian government in the past, may not be so pronounced during the coming year for the reasons already given.

Owing to the improved level of rates now ruling in certain commodities the purchasing power of India and China should tend to increase in the event of an improvement in the internal conditions of these two countries taking place.

The possibility of increased purchases of silver for currency purposes during 1932 must not be lost sight of as a factor in the absorption of the available supplies.

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NOTE.—British import and export figures may be found elsewhere in this volume.

Price of silver in London and in New York

Month	London price per ounce, 0.925 fine [1]			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price		Average monthly New York price of fine bar silver per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average		At current rate of exchange	At par $4.8665 to the pound	
1931	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
January	14½	13¾6	13.7861	4.8547	0.30147	0.30221	0.29736
February	13¼	12	12.4206	4.8584	.27175	.27252	.27080
March	14½	12⅝	13.5240	4.8583	.29596	.29647	.29389
April	13½	12⅝	13.2070	4.8599	.28717	.28760	.28389
May	13¼	12⅛	12.8575	4.8540	.28222	.28185	.27962
June	13 13/16	12 3/16	12.7067	4.8649	.27845	.27854	.27562
July	13⅜	12 11/16	13.1779	4.8560	.28826	.28888	.28567
August	13⅛	12 9/16	12.8150	4.8577	.28041	.28092	.27842
September	19½	12¾	14.0961	4.8313	.28520	.30995	.28500
October	18 3/16	15 13/16	17.1528	3.8893	.30015	.37641	.29846
November	21 1/16	18	19.3925	3.7199	.32589	.42510	.32335
December	20 1/16	19⅛	20.0225	3.3737	.30406	.43891	.30432
1932							
January	20 7/16	19 1/16	19.6000	3.4312	.30287	.42955	.30087
February	20	19¼	19.5725	3.4563	.30462	.42903	.30449
March	19¾	17½	18.3359	3.6393	.29916	.40194	.30134
April	17½	16½	16.9231	3.7500	.28565	.37108	.28610
May	17⅜	16 3/16	16.8098	3.6751	.27928	.36981	.28067
June	17	16⅜	16.8437	3.6466	.27669	.36923	.27778
Average, calendar year 1931			14.5066	4.5323	.29176	.31995	.29013
Average, fiscal year 1931-32			17.0668	3.9022	.29437	.37423	.29404

[1] London price in depreciated currency after Sept. 21, 1931.

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1903	$0.62375	$0.47500	$0.54208
1875	1.26125	1.21000	1.23883	1904	.62500	.53375	.57843
1876	1.26000	1.03500	1.14950	1905	.66500	.55625	.61008
1877	1.26000	1.16000	1.19108	1906	.72375	.63125	.67379
1878	1.20750	1.08500	1.15429	1907	.71000	.52750	.65978
1879	1.16750	1.06500	1.12088	1908	.58875	.48250	.53496
1880	1.15000	1.11250	1.13931	1909	.54500	.50750	.52163
1881	1.14500	1.11000	1.12823	1910	.57625	.50750	.54245
1882	1.15000	1.09000	1.13855	1911	.57500	.52125	.54002
1883	1.11750	1.09500	1.10874	1912	.65625	.55250	.62006
1884	1.13250	1.08000	1.11161	1913	.65125	.58000	.61241
1885	1.09500	1.02750	1.06428	1914	.60875	.49000	.56331
1886	1.03500	.92500	.99880	1915	.58000	.47750	.51062
1887	1.03500	.95000	.97899	1916	.79125	.57250	.67151
1888	.97750	.92000	.94300	1917	1.16500	.73125	.84009
1889	.97250	.92500	.93634	1918	1.01937	.88937	.98445
1890	1.20500	.95750	1.05329	1919	1.38250	1.01375	1.12087
1891	1.07500	.94750	.99033	1920	1.37875	.60375	1.01940
1892	.95250	.83000	.87552	1921	.73813	.53188	.63096
1893	.85000	.65000	.78219	1922	.74188	.62875	.67934
1894	.70000	.59500	.64043	1923	.69000	.62875	.65239
1895	.69000	.60000	.66268	1924	.72375	.63000	.67111
1896	.70250	.65625	.68195	1925	.73187	.66312	.69406
1897	.66125	.52750	.60774	1926	.68937	.51812	.62428
1898	.62250	.55125	.59064	1927	.60312	.54187	.56680
1899	.64750	.58625	.60507	1928	.63037	.56812	.58488
1900	.65750	.59750	.62065	1929	.57812	.46812	.53306
1901	.64500	.54750	.59703	1930	.47187	.31062	.38466
1902	.56875	.47375	.52815	1931	.37562	.26062	.29013

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold coin, of an ounce 1,000 fine, taken at the average price and par of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 5/16	1.297
1834	60 3/4	59 3/4	59 15/16	1.313
1835	60	59 1/4	59 1/16	1.308
1836	60 3/4	59 5/8	60	1.315
1837	60 3/8	59	59 7/16	1.305
1838	60 1/8	59 1/2	59 1/2	1.304
1889	60 3/8	60	60 3/8	1.323
1840	60 3/4	60 1/8	60 3/8	1.323
1841	60 3/8	59 3/4	60 1/16	1.316
1842	60	59 1/4	59 1/16	1.303
1843	59 3/4	59	59 5/16	1.297
1844	59 1/4	59 1/4	59 1/2	1.304
1845	59 7/8	58 7/8	59 1/4	1.298
1846	60 1/4	59	59 5/16	1.300
1847	60 3/8	58 7/8	59 11/16	1.308
1848	60	58 1/2	59 1/2	1.304
1849	60	59 1/2	59 3/4	1.309
1850	61 1/2	59 1/2	60 1/16	1.316
1851	61 1/8	60	61	1.337
1852	61 7/8	59 7/8	60 1/2	1.326
1853	61 7/8	60 5/8	61 1/2	1.348
1854	61 1/2	60 7/8	61 1/2	1.348
1855	61 5/8	60	61 5/16	1.344
1856	62 1/4	60 1/2	61 5/16	1.344
1857	62 3/8	61	61 3/4	1.353
1858	61 5/8	60 3/4	61 5/16	1.344
1859	62 1/4	61 3/4	62 1/16	1.360
1860	62 3/8	61 1/4	61 11/16	1.352
1861	61 3/8	60 1/8	60 15/16	1.333
1862	62 1/4	61	61 7/16	1.346
1863	61 3/4	61	61 3/8	1.345
1864	62 1/2	60 3/4	61 3/8	1.345
1865	61 5/8	60 1/2	61 1/16	1.338
1866	62 1/4	60 7/8	61 3/4	1.339
1867	61 1/4	60 3/4	60 15/16	1.328
1868	61 1/2	60 1/8	60 1/2	1.326
1869	61	60	60 7/16	1.325
1870	60 3/4	60 1/4	60 5/16	1.328
1871	61	60 1/16	60 1/2	1.326
1872	61 1/4	59 3/4	60 5/16	1.322
1873	59 15/16	57 7/8	59 3/16	1.29769
1874	59 1/2	57 1/4	58 5/16	1.27883
1875	57 7/8	55 1/2	56 11/16	1.24233
1876	58 1/2	46 3/4	52 3/4	1.16414
1877	58 1/4	53 1/4	54 13/16	1.20189
1878	55 1/4	49 1/2	52 5/16	1.15358
1879	53 3/4	52 5/8	51 1/4	1.12392
1880	52 13/16	51 1/8	52 1/4	1.14507
1881	52 7/8	50 7/8	51 11/16	1.13229
1882	52 3/8	50	51 1/8	1.13562
1883	51 7/16	50 1/16	50 9/16	1.10874
1884	51 3/8	49 1/2	50 1/16	1.11068
1885	50	46 7/8	48 5/16	1.06516
1886	47	42	45 3/8	.99467
1887	47 1/8	43 1/4	44 13/16	.97946
1888	44 9/16	41 5/8	42 7/8	.93974
1889	44 3/8	41 13/16	42 11/16	.93511
1890	54 3/8	43 3/8	47 3/4	1.04634
1891	48 3/4	43 1/2	45 1/16	.98800
1892	43 3/4	37 7/8	39 3/4	.87145
1893	38 3/4	30 1/2	35 5/16	.78030
1894	31 3/4	27	28 15/16	.63479
1895	31 3/8	27 5/16	29 13/16	.65406
1896	31 15/16	29 3/4	30 13/16	.67565
1897	29 13/16	23 5/8	27 5/16	.60438
1898	28 3/4	25	26 15/16	.59010
1899	29	26 5/8	27 7/16	.60154
1900	30 1/4	27	28 5/16	.62007
1901	29 9/16	24 15/16	27 3/16	.59595
1902	26 1/16	21 11/16	24 1/16	.52795
1903	28 1/2	21 11/16	24 3/4	.54257
1904	28 9/16	24 7/16	26 13/16	.57876
1905	30 5/16	25 7/16	27 13/16	.61027
1906	33 1/8	29	30 7/8	.67689
1907	32 7/16	24 1/4	30 5/16	.66152
1908	27	22	24 13/16	.53490
1909	24 7/8	23 1/16	23 15/16	.53015
1910	26 1/4	23 5/16	24 9/16	.54077
1911	26 1/8	23 11/16	24 19/16	.53928
1912	29 11/16	25 1/8	28 1/16	.61470
1913	29 3/4	26 1/16	27 9/16	.60458
1914	27 1/4	22 1/8	25 1/4	.55312
1915	27 1/4	22 9/16	23 5/8	.51892
1916	37 1/8	26 11/16	31 5/8	.68615
1917	55	35 11/16	40 13/16	.89525
1918	49 1/4	42 1/2	47 15/16	1.04171
1919	79 1/8	47 3/4	57 1/2	1.25047
1920	89 1/2	38 7/8	61 13/16	1.34649
1921	43 3/8	30 5/8	36 29/32	.80522
1922	37 3/8	30 3/8	34 13/32	.75403
1923	33 13/16	30 1/2	31 15/16	.70026
1924	36 1/16	31 1/2	33 13/32	.74456
1925	33 7/16	31 1/16	32 3/32	.70346
1926	31 13/16	24 1/16	28 11/16	.62873
1927	28	24 3/4	26 1/16	.57070
1928	28 7/16	26 1/16	26 3/4	.58627
1929	26 7/16	21 5/16	24 15/32	.53631
1930	21 5/8	14 5/16	17 15/32	.38724
1931 [1]	21 9/16	12	14 19/32	.31995

[1] Quotations are in depreciated pence after Sept. 21, 1931.

Average price of an ounce of gold in London and United States equivalent since 1870

Calendar year	Average London price per standard ounce to 1918, inclusive, and per fine ounce thereafter [1]	Equivalent in United States value of London price [2]—		Per cent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.91634)	For a fine ounce (1.000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02372
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01920
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.31	18.9373	20.6589	.09753
1901	3 17 9.33	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	
1912	3 17 9.00	18.9188	20.6387	
1913	3 17 9.00	18.9188	20.6387	
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	
1916	3 17 9.00	18.9188	20.6387	
1917	3 17 9.00	18.9188	20.6387	
1918	3 17 9.00	18.9188	20.6387	
1919	4 10 1.03	20.0937	21.9204	6.21033
1920	5 12 11.52	25.1958	27.4863	33.17875
1921	5 7 .50	23.8758	26.0463	26.20109
1922	4 13 3.80	20.8144	22.7066	10.01952
1923	4 10 2.90	20.1284	21.9583	6.39381
1924	4 13 8.3	20.8980	22.7978	10.46141
1925	4 5 5.6	19.0634	20.7964	.76410
1926	4 4 11.1	18.9426	20.6646	.12549
1927	4 4 11.2	18.9444	20.6667	.13561
1928	4 4 11.2	18.9444	20.6667	.13561
1929	4 4 11.35	18.9472	20.6697	.15029
1930	4 4 11.03	18.9379	20.6814	.20689
1931	4 12 6.23	20.6366	22.5126	9.07954
Mint price per standard ounce (0.91634)	3 17 10.50	18.9492		.16077
Equivalent per fine ounce	4 4 11.45+		20.6718	.16077
Bank rate per standard ounce (0.91634)	3 17 9.00	18.9188		
Equivalent per fine ounce	4 4 9.82−		20.6387	

[1] London quotations on gold were changed in September, 1919, from the standard ounce to a fine ounce basis.

[2] Conversions on basis of legal monetary parity; exchange not a factor.

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1728	15.11	1769	14.72	1810	15.77	1851	15.46	1892	23.72
1688	14.94	1729	14.92	1770	14.62	1811	15.53	1852	15.59	1893	26.49
1689	15.02	1730	14.81	1771	14.66	1812	16.11	1853	15.33	1894	32.56
1690	15.02	1731	14.94	1772	14.52	1813	16.25	1854	15.33	1895	31.60
1691	14.98	1732	15.09	1773	14.62	1814	15.04	1855	15.38	1896	30.89
1692	14.92	1733	15.18	1774	14.62	1815	15.26	1856	15.38	1897	34.20
1693	14.83	1734	15.39	1775	14.72	1816	15.28	1857	15.27	1898	35.03
1694	14.87	1735	15.41	1776	14.55	1817	15.11	1858	15.38	1899	34.36
1695	15.02	1736	15.18	1777	14.54	1818	15.35	1859	15.19	1900	33.33
1696	15.00	1737	15.02	1778	14.68	1819	15.33	1860	15.29	1901	34.68
1697	15.20	1738	14.91	1779	14.80	1820	15.62	1861	15.50	1902	39.15
1698	15.07	1739	14.91	1780	14.72	1821	15.95	1862	15.35	1903	38.10
1699	14.94	1740	14.94	1781	14.78	1822	15.80	1863	15.37	1904	35.70
1700	14.81	1741	14.92	1782	14.42	1823	15.84	1864	15.37	1905	33.87
1701	15.07	1742	14.85	1783	14.48	1824	15.82	1865	15.44	1906	30.54
1702	15.52	1743	14.85	1784	14.70	1825	15.70	1866	15.43	1907	31.24
1703	15.17	1744	14.87	1785	14.92	1826	15.76	1867	15.57	1908	38.64
1704	15.22	1745	14.98	1786	14.96	1827	15.74	1868	15.59	1909	39.74
1705	15.11	1746	15.13	1787	14.92	1828	15.78	1869	15.60	1910	38.22
1706	15.27	1747	15.26	1788	14.65	1829	15.78	1870	15.57	1911	38.33
1707	15.44	1748	15.11	1789	14.75	1830	15.82	1871	15.57	1912	33.62
1708	15.41	1749	14.80	1790	15.04	1831	15.72	1872	15.63	1913	34.19
1709	15.31	1750	14.85	1791	15.05	1832	15.78	1873	15.93	1914	37.37
1710	15.22	1751	14.39	1792	15.17	1833	15.93	1874	16.16	1915	40.48
1711	15.29	1752	14.50	1793	15.00	1834	15.73	1875	16.64	1916	30.78
1712	15.31	1753	14.54	1794	15.37	1835	15.80	1876	17.75	1917	24.61
1713	15.24	1754	14.48	1795	15.55	1836	15.72	1877	17.20	1918	21.00
1714	15.13	1755	14.68	1796	15.65	1837	15.83	1878	17.92	1919	18.44
1715	15.11	1756	14.94	1797	15.41	1838	15.85	1879	18.39	1920	20.28
1716	15.09	1757	14.87	1798	15.59	1839	15.62	1880	18.05	1921	32.76
1717	15.13	1758	14.85	1799	15.74	1840	15.62	1881	18.25	1922	30.43
1718	15.11	1759	14.15	1800	15.68	1841	15.70	1882	18.20	1923	31.69
1719	15.09	1760	14.14	1801	15.46	1842	15.87	1883	18.64	1924	30.80
1720	15.04	1761	14.54	1802	15.26	1843	15.93	1884	18.61	1925	29.78
1721	15.05	1762	15.27	1803	15.41	1844	15.85	1885	19.41	1926	33.11
1722	15.17	1763	14.99	1804	15.41	1845	15.92	1886	20.78	1927	36.47
1723	15.20	1764	14.70	1805	15.79	1846	15.90	1887	21.10	1928	35.34
1724	15.11	1765	14.83	1806	15.52	1847	15.80	1888	22.00	1929	38.78
1725	15.11	1766	14.80	1807	15.43	1848	15.85	1889	22.10	1930	53.74
1726	15.15	1767	14.85	1808	16.08	1849	15.78	1890	19.75	1931	71.25
1727	15.24	1768	14.80	1809	15.96	1850	15.70	1891	20.92		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1856	$1.039	1875	$0.96086	1894	$0.49097	1913	$0.46760
1838	1.008	1857	1.046	1876	.90039	1895	.50987	1914	.42780
1839	1.023	1858	1.039	1877	.92958	1896	.52257	1915	.40135
1840	1.023	1859	1.052	1878	.89222	1897	.46745	1916	.53094
1841	1.018	1860	1.045	1879	.86928	1898	.45640	1917	.69242
1842	1.007	1861	1.031	1880	.88564	1899	.46525	1918	.76142
1843	1.003	1862	1.041	1881	.87575	1900	.47958	1919	.86692
1844	1.008	1863	1.040	1882	.87833	1901	.46093	1920	.78844
1845	1.004	1864	1.040	1883	.85754	1902	.40835	1921	.48801
1846	1.005	1865	1.035	1884	.85904	1903	.41960	1922	.52843
1847	1.011	1866	1.036	1885	.82379	1904	.44763	1923	.50458
1848	1.008	1867	1.027	1886	.76931	1905	.47200	1924	.51906
1849	1.013	1868	1.025	1887	.75755	1906	.52353	1925	.53681
1850	1.018	1869	1.024	1888	.72683	1907	.51164	1926	.48284
1851	1.034	1870	1.027	1889	.72325	1908	.41371	1927	.43838
1852	1.025	1871	1.025	1890	.80927	1909	.40231	1928	.43237
1853	1.042	1872	1.022	1891	.76416	1910	.41825	1929	.41229
1854	1.042	1873	1.00368	1892	.67401	1911	.41709	1930	.29751
1855	1.039	1874	.98909	1893	.60351	1912	.47543	1931	.22440

VALUES OF FOREIGN MONEYS, OCTOBER 1, 1932 [1]

Pursuant to section 522, Title IV, of the tariff act of 1930, reenacting section 25 of the act of August 27, 1894, as amended, the following estimates by the Director of the Mint of the values of foreign monetary units are hereby proclaimed to be the values of such units in terms of the money of account of the United States that are to be followed in estimating the value of all foreign merchandise exported to the United States during the quarter beginning October 1, 1932, expressed in any such foreign monetary units: *Provided, however,* That if no such value has been proclaimed, or if the value so proclaimed varies by five per centum or more from a value measured by the buying rate in the New York market at noon on the day of exportation, conversion shall be made at a value measured by such buying rate, as determined and certified by the Federal Reserve Bank of New York and published by the Secretary of the Treasury pursuant to the provisions of section 522, Title IV, of the rariff act of 1930.

A. A. BALLANTYNE,
Acting Secretary of the Treasury.

Values of foreign monetary units (at par as regards gold units; nongold units have no fixed par with gold)

Country	Legal standard	Monetary unit		Value in terms of United States money	Remarks
Argentine Republic	Gold	Peso		$0.9648	Currency: Paper normally convertible at 44 per cent of face value.
Austria	do	Schilling		.1407	
Belgium	do	Belga		.1390	1 belga equals 5 Belgian paper francs.
Bolivia	do	Boliviano		.3650	13⅓ bolivianos equal 1 pound sterling.
Brazil	do	Milreis		.5462	Currency: Government paper, convertible at 4.567 paper milreis to the gold milreis ($0.1196) by decree of May 23, 1928.
British Colonies in Australasia and Africa.	do	Pound sterling		4.8665	
British Honduras	do	Dollar		1.0000	
Bulgaria	do	Lev		.0072	
Canada	do	Dollar		1.0000	
Chile	do	Peso		.1217	
China	Silver [2]	Haikwan tael [3]		.3360	A unit of account, used only for customs purposes.
			Amoy	.3303	China's import duties are levied on a gold basis, the gold unit being defined as 60.1866 centigrams pure gold (equal 40 cents U. S.). China's export duties remain on a silver basis.
			Canton	.3293	
			Chefoo	.3159	
			Chin Kiang	.3226	
			Foochow	.3055	
			Hankow	.3090	
			Kiaochow	.3200	
			Nanking	.3268	
			Newchwang	.3097	
			Ningpo	.3175	
			Pelping	.3220	
			Shanghai	.3017	
			Swatow	.3051	
			Takow	.3324	
			Tientsin	.3200	
		Yuan		.2140	The Yuan (sometimes known as Yuan dollar) of 100 cents is the monetary unit minted by the Central Government of the Republic.
		Dollar	Hong Kong	.2172	
			British		
			Mexican	.2188	Old Mexican dollars only, issued prior to 1918.

[1] A unit of value as here used; not a coin.
[2] Stated values are estimated market values, in gold, of silver content of units.
[3] Department circular No. 1, published quarterly.

Values of foreign monetary units (at par as regards gold units; nongold units have no fixed par with gold)—Continued

Country	Legal standard	Monetary unit	Value in terms of United States money	Remarks
Colombia	Gold	Peso	$0.9733	Currency: Government paper and silver.
Costa Rica	do	Colon	.4653	Law establishing conversion office fixes ratio 4 colons (nongold)—$1.
Cuba	do	Peso	1.0000	
Czechoslovakia	do	Krone	.0296	
Denmark	do	do	.2680	
Dominican Republic	do	Dollar	1.0000	United States money is principal circulating medium.
Ecuador	do	Sucre	.2000	
Egypt	do	Pound (100 piasters)	4.9431	
Estonia	do	Kroon	.2680	
Finland	do	Markka	.0252	
France	do	Franc	.0392	
Germany	do	Reichsmark	.2382	
Great Britain	do	Pound sterling	4.8665	Obligation to sell gold at legal monetary par suspended, effective Sept. 21, 1931.
Greece	do	Drachma	.0130	
Guatemala	do	Quetzal	1.0000	
Haiti	do	Gourde	.2000	Currency: National bank notes redeemable on demand in American dollars.
Honduras	do	Lempira	.5000	
Hungary	do	Pengö	.1749	
India [British]	do	Rupee	.3650	
Indo-China	do	Piaster	.3918	
Italy	do	Lira	.0526	
Japan	do	Yen	.4985	
Latvia	do	Lat	.1930	
Liberia	do	Dollar	1.0000	Currency: Depreciated silver token coins.
Lithuania	do	Litas	.1000	Currency: Notes of the Bank of Lithuania.
Mexico	do	Peso	.4985	By law of July 25, 1931, gold has no legal tender status but it may be held as monetary reserve for use in foreign exchange operations.
Netherlands and colonies	do	Guilder (florin)	.4020	
Newfoundland	do	Dollar	1.0000	
Nicaragua	do	Cordoba	1.0000	
Norway	do	Krone	.2680	
Panama	do	Balboa	1.0000	
Paraguay	do	Peso (Argentine)	.9648	Currency: Depreciated Paraguayan paper currency.
Persia	do	Rial	.0487	Rial currency effective Mar. 21, 1932, with 1 rial equivalent to 1 kran of old system.
Peru	do	Sol	.2800	Established by decree of Apr. 18, 1931.
Philippine Islands	do	Peso	.5000	
Poland	do	Zloty	.1122	
Portugal	do	Escudo	.0442	By decree of June 6, 1931, effective July 1, 1931.
Rumania	do	Leu	.0060	
Russia	do	Ruble	.5146	Pre-war unit. (One Soviet chervonetz—10 gold rubles.)
Salvador	do	Colon	.5000	
Siam	do	Baht (Tical)	.4424	
Spain	do	Peseta	.1930	Valuation is for gold peseta; currency is notes of the Bank of Spain.
Straits Settlements	do	Dollar	.5678	
Sweden	do	Krona	.2680	
Switzerland	do	Franc	.1930	
Turkey	do	Piaster	.0440	(100 piasters equal to the Turkish pound.)
Uruguay	do	Peso	1.0342	Currency: Inconvertible paper.
Venezuela	do	Bolivar	.1930	
Yugolsavia	do	Dinar	.0176	By law of May 11, 1931, effective June 28, 1931.

Quarterly changes in value of foreign moneys during 1932, in Department Circular No. 1

Country	Monetary unit		Value, 1932			
			Jan. 1	Apr. 1	July 1	Oct. 1
China	Silver tael	Haikwan	$0.3732	$0.3647	$0.3401	$0.3360
		Amoy	.3668	.3584	.3342	.3303
		Canton	.3657	.3574	.3324	.3293
		Chefoo	.3508	.3428	.3197	.3159
		Chin Kiang	.3583	.3501	.3265	.3226
		Foochow	.3393	.3316	.3092	.3055
		Hankow	.3432	.3354	.3127	.3090
		Kiaochow	.3554	.3473	.3239	.3200
		Nanking	.3630	.3547	.3307	.3268
		Newchwang	.3440	.3361	.3134	.3097
		Ningpo	.3527	.3446	.3214	.3175
		Peiping	.3576	.3494	.3258	.3220
		Shanghai	.3350	.3274	.3053	.3017
		Swatow	.3388	.3311	.3087	.3051
		Takow	.3691	.3607	.3364	.3324
		Tientsin	.3554	.3473	.3239	.3200
	Silver yuan		.2377	.2323	.2166	.2140
	Silver dollar	Hong Kong	.2412	.2357	.2198	.2172
		British				
		Mexican	.2430	.2375	.2214	.2188
Persia	Gold rial		.2433	.2433	.0487	.0487

MONETARY LEGISLATION

[PUBLIC—No. 852—71ST CONGRESS]

[S. 6103]

AN ACT To authorize a change in the design of the quarter dollar to commemorate the two hundredth anniversary of the birth of George Washington

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That notwithstanding the provisions and limitations of section 3510 of the Revised Statutes, as amended, the Secretary of the Treasury is authorized and directed, for the purpose of commemorating the two hundredth anniversary of the birth of George Washington, to change the design of the twenty-five-cent piece so that the portrait of George Washington shall appear on the obverse, with appropriate devices on the reverse, of said piece. The new coins shall be issued for general circulation beginning in 1932, the year of the said bicentennial anniversary.

Approved, March 4, 1931.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production, import, export, and coinage of gold and silver, and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the Governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States ambassadors and ministers through the Department of State, and the replies in the form of reports, are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics (tabulations at end of this volume). Where data other than from the interrogatory replies are used the source of the information is stated. Conversions of foreign moneys or values into United States equivalents have been made at the legal par rates unless otherwise stated (in the text).

Revised world tables for 1930 and tables for 1931, subject to revision, are printed at the end of this volume.

Detailed data that form the basis of the tables are regularly inserted at this point, but are necessarily omitted this year by reason of curtailment of funds available for printing.

SUMMARY OF WORLD STATISTICS

COINAGE OF NATIONS

CALENDAR YEAR 1930

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed [1]	Fine ounces consumed
United States	Dollar	2,440,000	2,440,000	2,658,300	$744,642	1,922,948
Austria	Schilling	7,303,804	1,027,644	5,788,202	721,541	1,863,292
Bhutan	Rupee			15,000	1,997	5,156
Brazil	Milreis			2,480,000	61,752	159,468
British Empire:						
Australia	Pound	1,992,899	9,698,443			
British India	Rupee			1,823,532	242,737	626,839
Canada	Dollar			423,001	98,282	253,801
Great Britain	Pound			1,275,881	895,313	2,319,784
Newfoundland	Dollar			15,000	4,030	10,406
Travancore	Rupee			187,500	24,959	64,453
Union of South Africa	Pound	10,020,594	48,765,221	111,700	125,832	324,946
Bulgaria	Lev			801,400,000	997,747	2,576,561

[1] At the price of a fine ounce in London, $0.38724.

Coinage of Nations—Continued

CALENDAR YEAR 1930—Continued

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed	Fine ounces consumed
Chile	Peso			480,000	$25,816	66,667
China:						
Canton	Dollar			67,828,000	15,877,347	41,001,310
Foochow	do			300,000	73,021	188,570
Hangchow	do			67,000,000	19,938,340	51,488,327
Hong Kong	do			17,065,897	5,154,519	13,310,917
Yunnan	do			890,000	189,743	489,989
Colombia	Peso	2,012,755	1,959,014			
Czechoslovakia	Crown	1,586,739	46,968	101,630,000	885,708	2,287,234
Denmark	Krone	10,191,380	2,731,290	605,280	45,214	116,761
Ecuador	Sucre			677,530	30,371	78,430
Egypt	Pound	17,000	84,033	100,000	145,251	375,092
Estonia	Crown			2,552,910	95,352	246,234
France	Franc			369,861,630	3,131,261	8,086,100
French colonies:						
Indo-China	Piaster			1,776,018	405,967	1,048,361
Tunis	Franc	300,000	11,760	1,000,000	8,466	21,862
Germany	Reichsmark			50,335,095	1,632,630	4,216,068
Greece	Drachma			305,000,000	19,489,936	50,330,380
Hedjaz	Real			500,000	124,284	320,949
Hungary	Pengö			18,250,000	727,083	1,877,603
Irish Free State	Pound			100,000	105,612	272,729
Italy	Lira			134,301,000	1,396,189	3,605,487
Japan	Yen	220,601,570	109,969,883	220,000	19,563	50,519
Mexico	Peso	18,580,000	9,262,130	400,000	59,760	154,324
Netherlands	Florin					
Netherland East Indies	do			58,500,000	5,331,176	13,767,110
Nicaragua	Cordoba			20,000	4,999	12,910
Panama	Balboa			300,000	84,038	217,017
Persia	Kran	30,920	3,569	6,977,000	359,842	929,249
Peru	Pound	2,315	11,266			
	Sol	279,200	111,680	1,366,000	212,585	548,974
Poland	Zloty			57,236,000	1,923,996	4,968,485
Russia	Chervonetz			5,345,420	5,989,561	15,467,309
Sweden	Krone			3,569,195	253,499	654,630
Switzerland	Franc	55,470,160	10,705,741			
Syria	Piaster			127,810,880	216,410	558,853
Uruguay	Peso	500,000	517,100	500,000	124,500	321,507
Venezuela	Bolivar	5,000,000	965,000	850,000	44,182	114,095
Total			198,310,742		88,028,053	227,321,706

Coinage of Nations—Continued

CALENDAR YEAR 1931 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars	Value in monetary units named	Value of fine ounces consumed [1]	Fine ounces consumed
United States	Dollar	60, 895, 000	60, 895, 000	621, 000	143, 727	449, 216
Austria	Schilling	17, 583, 068	2, 474, 163	3, 165, 823	344, 235	1, 075, 904
British Empire:						
British India—						
Mewar Durbar	Rupee			8, 000, 000	682, 560	2, 133, 333
British Guiana	Pound			250	145	454
Canada	Dollar			369, 986	71, 026	221, 992
Great Britain	Pound			2, 914, 460	1, 695, 421	5, 299, 020
Iraq	Dinar			460, 000	267, 586	836, 364
Union of South Africa	Pound	8, 505, 831	41, 393, 627	603	562	1, 756
Bulgaria	Lev			807, 192, 120	830, 329	2, 595, 183
China:						
Foochow	Dollar			880, 000	176, 976	553, 138
Yunnan	do			1, 200, 000	211, 378	660, 659
Colombia	Peso	497, 015	483, 745			
Czechoslovakia	Crown	5, 353, 954	158, 477	76, 890, 000	553, 657	1, 730, 448
Denmark	Krone	15, 501, 420	4, 154, 381			
France	Franc			354, 675, 830	2, 480, 924	7, 754, 100
French colonies:						
Indo-China	Piaster			13, 288, 273	2, 460, 397	7, 689, 943
Tunis	Franc	3, 300	129	12, 690	84	264
Germany	Reichsmark			227, 754, 108	5, 856, 993	18, 305, 964
Honduras	Lempira			1, 000, 000	115, 725	361, 696
Irish Free State	Pound			60, 000	52, 356	163, 637
Italy	Lira	5, 065, 300	266, 594	1, 750	10	32
Latvia	Lat			10, 000, 000	429, 467	1, 342, 293
Mexico	Peso	6, 843, 000	3, 411, 235			
Netherlands	Florin			46, 100, 000	3, 414, 320	10, 671, 417
Netherland East Indies	do			24, 500, 000	1, 814, 552	5, 671, 360
Palestine	Pound			50, 000	43, 193	135, 000
Panama	Balboa			232, 000	56, 899	177, 836
Poland	Zloty			12, 986, 000	336, 342	1, 051, 233
San Marino	Lira			700, 000	6, 012	18, 792
Siam	Baht			93, 000	9, 327	29, 153
Switzerland	Franc	11, 965, 120	2, 309, 268	18, 100, 000	474, 991	1, 484, 577
Vatican	Lira	1, 129, 500	59, 447	1, 650, 000	14, 173	44, 296
Yugoslavia	Ducat	3, 073	7, 031			
Total			115, 613, 097		22, 543, 367	70, 439, 060

[1] At the average price of a fine ounce in London, $0.31995.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1930 AND 1931

[In so far as reported to the Director of the Mint]

Country	1930		1931 (subject to revision)	
	Gold	Silver [1]	Gold	Silver [1]
		Fine ounces		*Fine ounces*
United States	$146,900,719	2,108,673	$84,805,205	4,931,031
Austria	346,417	1,165,080	38,904	183,389
Belgium		[3] 1,395,180		
Brazil		[3] 33,993		
British Empire:				
Australia		[3] 432,223		
Barbados		[3] 1,554		
British Guiana		[3] 1,002		
British India		[3] 39,039,551		[3] 41,673,658
Canada		[3] 241,119		[3] 238,694
Gold Coast		[3] 422,216		[3] 597,543
Great Britain	[3] 162,667,629	7,064,570	[3] 282,062,340	
New Zealand				[3] 184,527
Nigeria		[3] 490,046		[3] 400,504
Nyasaland		[3] 10,784		
Sarawak		[3] 7,421		
Sierra Leone		[3] 76,690		[3] 248,906
Union of South Africa	223,504	270,151	182,394	157,087
Tanganyika		[3] 148		
West Indies		[3] 5,940		
Chile	65,518	[3] 99,999		
China		[3] 5,379,377		
Amoy				[3] 15,370
Shantung		[3] 15,639		[3] 23,054
Colombia		[3] 397,864		
Denmark	[3] 4,862,400	[3] 645,167		
Egypt		[3] 396,950		[3] 3,007,200
Ethiopia	[3] 487		[3] 730	
Germany		[3] 1,474,297		331,320
Guiana, Dutch				[3] 4,630
Hungary		[3] 852,268		
Honduras		[3] 464		[3] 192,904
Indo-China, French				[3] 11,453,272
Irish Free State		[3] 242,025		[3] 19,737
Italy		[3] 2,736,918		[3] 2,165
Japan		[3] 1,114,231		
Mexico	[3] 5,306	[3] 112	60,587	[3] 812,221
Morocco	139,698	[3] 57,871	[3] 87,597	
Netherlands	[3] 97,330	[3] 5,815,687		[3] 16,181,166
Netherland East Indies		[3] 7,395,500		[3] 7,285,222
Norway				[3] 20,207
Panama		[3] 194,685		[3] 22,918
Peru	[3] 3,555	[3] 324,193		
Poland		[3] 811,486		[3] 245,152
Siam				[3] 97,460
Sweden	[3] 130	[3] 184,297		
Switzerland		[3] 98,994		[3] 1,205,645
Virgin Islands	[3] 1,158	[3] 514		
Total	315,313,851	81,204,879	367,237,757	89,504,982

[1] Reported to the Director of the Mint in value only; converted to fine ounces on basis of legal content of the coin and at the average price of silver in London, $0.38724 in 1930 and $0.31995 in 1931.
[2] Foreign coin only.
[3] Domestic coin only.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1930 AND 1931

[In so far as reported to the Director of the Mint]

Country	1930		1931 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$42,689,379	36,343,207	$29,157,865	33,682,119
Algeria	559,776	964,500	205,212	231,480
Austria	1,638,033	769,349	1,217,574	745,462
Bolivia	90,387	64,300		
British Empire:				
British Honduras	500			
Canada	1,059,087	[2] 697,242		
Great Britain	10,341,312	8,500,000	9,733,000	8,500,000
Straits Settlements	4,399,327	[2] 2,212,364		
Trinidad	22,304	[2] 39,031		
Union of South Africa			7,752	9,157
Zanzibar			5,292	
Bulgaria			66,461	32,150
Chile	65,718	[2] 63,007		
China:				
Amoy	330,749	16,800	826,873	30,000
Shantung	29,759	[2] 394,241	24,588	[2] 394,241
Yunnan		[2] 788,208		
Other (estimated)		23,000,000		20,000,000
Chosen	322,684	168,724		
Costa Rica	2,000		2,500	[2] 3,125
Czechoslovakia	1,601,045	717,202	1,344,506	852,586
Denmark	1,196,352	1,896,850	132,922	1,607,500
Egypt	8,961,277	1,627,675	6,501,032	1,335,986
Estonia	63,138	97,607	37,773	94,039
Ethiopia	487		730	
Finland	285,782	405,090	191,408	350,564
France	18,391,221	8,858,611		
Germany	[4] 1,643,580		[4] 3,715,920	
Honduras	13,250	[2] 1,607	[2] 3,000	
Hungary	667,286	785,392	379,856	786,646
Iceland	1,984	12,860	1,994	6,430
Kwantung Leased Territory	72,305	37,005		
Latvia	96,128	212,544	77,566	194,925
Lithuania			28,770	34,722
Madagascar	87,807	3,022	34,990	
Mexico	99,700	48,225	4,905,008	258,904
Morocco	[2] 97,330	[1] 64,300	[2] 97,330	[1] 51,440
Panama	5,200	[2] 5,164	5,200	[2] 6,251
Poland	1,338,322	1,233,788		
Rumania	228,627		109,760	8,995
Somaliland, French	665	321		
Sweden	802,220	471,351		
Switzerland	3,860,000	675,150	1,930,000	450,100
Taiwan	672,926	58,040		
Tunis			129,360	337,575
Virgin Islands	1,158	[2] 1,868		
Yugoslavia	513,743	159,786	330,311	134,548
Total	102,252,548	91,394,431	61,204,553	70,138,945

[1] Domestic coin.
[2] Reported to the Director of the Mint in value only; converted to fine ounces on basis of legal silver content of the coin and at the average price of silver in London.
[3] Foreign coin.
[4] Gold delivered by the Reichbank.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEARS 1930 AND 1931

The following compilations have been made from such data as are available. The amount of gold and silver in circulation in many countries is not obtainable, and in some countries that held by private banks can not be given.

For the United States the figures given cover all domestic gold and silver coin, but only such bullion and foreign coins as owned by the Government and Federal reserve banks. All foreign coin which comes into possession of the Government is converted into bullion.

Population figures are principally from United States Commerce Yearbook, 1931.

Monetary stock of principal countries of the world, end of calendar year 1930

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated statistics		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]							
North America:														
United States	Gold	Dollar	$1.00	[4] $4,225,109	$4,239,197	$20,000	$334,291	$4,593,488	$851,665	4,083,847	126,085	$36.43	$6.75	32.39
Canada	do	do	1.00	109,843	148,660	[5] 8,586		157,246	[6] 28,881	304,481	10,374	15.15	2.79	29.35
Mexico	do	Peso	.4985	4,543	4,543	13,489		18,032	[6] 136,348	2,834	16,525	1.09	8.25	.17
British Honduras	do	Dollar	1.00						[7] 202	483	50		4.04	9.66
Costa Rica	do	Colon	.25			26		26	156	15,348	528	.05	.30	29.06
Cuba	do	Peso	1.00	3,925	3,925	2,650	17,211	23,786	[6] 8,413	(7)	3,962	6.00	2.12	
Dominican Republic	do	Dollar	1.00			130		130	288	(8)	1,250	.10	.23	
Guatemala	do	Quetzal	1.00	2,674	2,674			2,674	[6] [9] 1,512	6,541	2,219	1.20	.69	2.94
Haiti	do	Gourde [2]	.20			157		157	13	8,409	2,550	.06	.01	3.30
Honduras	do	Lempira	.50			20		20	[6] 1,250	920	860	.02	1.45	1.07
Newfoundland	do	Dollar	1.00			[6] 1,000		1,000	[6] 2,300	[10] 80	282	3.54	8.15	.28
Nicaragua	do	Cordoba	1.00						[6] 529	[6] 6,152	750		.70	8.20
Panama	do	Balboa	1.00						[11] 300	(12)	467		.64	
Salvador	do	Colon	.50	3,202	3,202			3,202		10,716	1,438	2.22		7.45
Virgin Islands	do	Franc	.193			81	2	83	[6] 66	192	21	3.95	3.14	9.14
British West Indies—														
Barbados	do	Pound	4.8665								168			
Jamaica	do	do	4.8665						[6] 803	389	1,048		.76	.37
Trinidad	do	do	4.8665			40	10	50	[6] 917	[13] 2,011	420	.12	2.18	4.79

French West Indies—									[9] 24	38,929	236		.10	164.95
Guadeloupe	do	Franc	.0392			613		613		63,502	230	2.66		276.10
Martinique	do	do	.0392			1,754		1,754	241	3,355	45	38.98	5.35	74.55
Netherland West Indies	do	Guilder	.402											
South America:														108.13
Argentina	do	Peso [10]	.9648	412,031	420,097			420,097		1,260,700	11,659	36.03		10.69
Bolivia	do	Boliviano	.365	1,014	1,014	1,315		2,329	24	32,227	3,014	.77	.01	68.55
Brazil	do	Milreis [10]	.5462	10,531	10,531			10,531		2,843,706	41,478	.25		86.48
Chile	do	Peso	.1217	7,495	7,495	1,411	487	9,393	[6] 2,813	254,264	4,348	2.16	.64	4.21
Colombia	do	do	.9733	17,014	18,968			18,968	[6 17] 11,369	35,333	8,380	2.26	1.35	9.39
Ecuador	do	Sucre	.2000	1,131	1,131		8	1,139	[6] 1,029	23,491	2,500	.46	.41	
Guiana—														
British	do	Dollar	1.0138						[9] 205	1,344	311		.66	4.32
Dutch [9]	do	Guilder	.4020			86		86	334	1,701	155	.55	2.15	10.97
French	do	Franc	.0392			8		8	[9] 194	11,120	47	.17	4.13	236.60
Paraguay	do	Peso	.9648	751	751			751		202,891	852	.88		237.31
Peru	do	Sol	.4000	17,567	17,567			17,567	7,097	64,035	6,237	2.82	1.14	10.26
Uruguay	do	Peso	1.0342	60,447	60,447	41		60,488	[6] 5,688	74,116	1,938	31.21	2.93	38.24
Venezuela [9]	do	Bolivar	.193			11,923		11,923	9,000	43,200	3,226	3.69	2.79	13.39
Europe:														
Albania	do	Franc	.193	[4] 375	375		187	562	6	12,925	1,003	.56	.01	12.88
Austria	do	Schilling	.1407	30,168	30,168			30,168	[6] 12,040	1,090,070	6,722	4.48	1.79	162.16
Belgium	do	Belga	.1390	[4] 190,754	190,754			190,754		3,306,422	8,393	23.91		393.95
Bulgaria	do	Lev	.0072	10,475	10,475			10,475	[17] 1,095	3,295,514	6,031	1.73	.18	546.42
Czechoslovakia	do	Krone	.0296	[4] 45,765	45,765			45,765	[6] 6,056	7,823,691	14,843	3.08	.47	527.09
Danzig	do	Gulden	.1947	23	23			23	[6] 1,947	37,948	415	.05	4.69	91.44
Denmark	do	Krone	.2680	46,096	46,096			46,096	1,447	360,200	3,566	12.92	.41	101.01
Estonia	do	Kroon	.2680	[4] 1,758	1,758			1,758	464	32,234	1,120	1.57	.41	28.78
Finland	do	Mark	.0252	7,591	7,591			7,591		1,279,351	3,658	2.08		349.74
France [18]	do	Franc	.0392	[4] 2,105,363	2,105,363			2,105,363	[17] 23,034	78,937,582	41,835	50.32	.55	1,886.88
Germany	do	Reichsmark	.2382	[4] 527,799	527,799	15,695		543,494	[6] 229,843	5,399,814	64,621	8.41	3.56	83.56
Gibraltar	do	Pound	4.8665						[19] 100		18			5.55
Great Britain	do	do	4.8665	718,422	718,422			718,422	[6] 259,722	[20] 393,794	46,189	15.55	5.62	8.53
Greece	do	Drachma	.0130	[4] 6,630	6,630			6,630	1,391	5,193,264	6,397	1.04	.21	811.82
Hungary	do	Pengo	.1749	28,448	28,448			28,448	[6] 1,924	469,150	8,734	3.25	.22	53.71
Iceland	do	Kronu	.2680		602			602	8,592		110	5.47		78.11
Irish Free State	do	Pound	4.8665			261		261	[6] 5,145	17,367	2,957	.09	1.70	5.87
Italy	do	Lira	.0526	278,610	278,610			278,610	[9] [6] 86,488	15,680,458	41,230	67.57	2.10	380.32
Latvia	do	Lat	.1930	[4] 4,646	4,646			4,646	[6] 5,790	86,416	1,918	2.42	3.02	45.05
Lithuania	do	Litas	.1000	[4] 3,938	3,938			[20] 3,938	[6] 1,350	117,163	2,393	1.64	.56	48.96
Malta and Gozo	do	Pound	4.8665						[17] 170	[21]	238		.71	
Netherlands	do	Florin	.4020	171,301	171,301			171,301	[6] 58,512	846,598	8,030	21.33	7.28	105.42
Norway	do	Krone	.2680	39,242	39,242	14	6,075	45,331	[6] 6,673	311,563	2,814	16.11	2.37	110.72
Poland	do	Zloty	.1122	[4] 63,084	63,084			63,084	[6] 20,355	1,330,839	32,120	1.96	.63	41.43
Portugal	do	Escudo	1.0805	9,267	9,267			9,267		1,994,417	6,717	1.38		296.92
Rumania	do	Leu	.0060	[4] 55,653	55,653			55,653	44	19,604,584	18,025	3.08		1,087.63
Russia (Soviet Union)	do	Chervonetz	5.1457	248,883	248,883			248,883	[22] 11,454	210,041	162,686	1.52	.07	1.29
Spain	do	Peseta	.1930	470,531	470,743			470,743	135,301	4,724,138	23,903	19.69	5.66	197.63
Sweden	do	Krone	.2680	64,568	64,766			64,766	900	593,882	6,142	14.65	.12	96.69
Switzerland	do	Franc	.1930	[4] 137,594	137,594		28,950	166,544	[6] 31,619	1,062,087	4,085	40.77	7.74	260.00
Yugoslavia	do	Dinar	.1930	19,025	19,025			19,025	919	5,396,533	13,914	1.36	.06	387.85

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1930—Continued

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated statistics		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]							
Asia:														
British North Borneo	Gold	Dollar	$0.5678						[6] $21	1,219	298	-------	$0.07	4.09
Ceylon	do	Rupee	.3650	$8	$8			$8	[6] 13,046	55,001	5,313	-------	2.45	10.35
China [23]	Silver	Dollar	[24]						[6] 654,698	676,109	462,387	-------	1.42	1.46
Cyprus Island	Gold	Pound	4.8665				$292	292	[6] 718	411	350	$0.83	2.05	1.17
Federated Malay States	do	Dollar	.5678						292	5,139	1,705	-------	.17	3.01
India, British	do	Rupee	.3650	[4] 128,289	128,289			128,289	[31] 1,441,991	1,605,206	352,987	.36	4.09	4.54
Indo-China, French		Piaster	[25] .3918						7,264	125,565	21,600	-------	.33	5.81
Iraq (Mesopotamia)	[26]	Rupee	.3650				[27] 10,000	10,000	[6] 25,000		3,300	3.03	7.58	-------
Japan, including Chosen, Taiwan, Kwantung	Gold	Yen	0.4985	411,770	411,770			411,770	[6] 224,983	1,556,090	90,395	4.55	2.49	17.21
Netherland E. Indies	do	Guilder	.4020	55,697	55,697			55,697	[6] 165,454	267,073	60,731	.91	2.70	4.39
Palestine	do	Pound	4.8665						[6] 1,728	1,959	1,035	-------	1.67	1.89
Persia [9 29]	do	Regal	[28] .0487						[6] 48,427	164,710	10,000	-------	4.84	16.47
Philippine Islands	do	Peso	.5000	3,020	3,406			3,406	[6] 19,002	114,749	12,419	.27	1.53	9.24
Sarawak	do	Dollar	.5678							[30] 2,153	475	-------	-------	4.53
Siam	do	Baht or tical	.4424						[6] 71,456	99,315	11,684	-------	6.12	8.50
Straits Settlements	do	Dollar	.5678	1,598	1,600			1,600	[6] 21,694	82,561	1,114	1.43	19.47	74.11
Syria	do	Pound	3.869						[6] 986	11,700	3,100	-------	.32	3.77
Turkey	do	Lira [pound]	4.3965							158,749	14,100	-------	-------	11.26
Africa:														
Algeria	do	Franc	.0392	8,097	8,097			8,097		1,996,347	6,553	1.23	-------	304.64
Belgian Congo	do	do	.0278	1,141	1,141			1,141		182,803	10,000	.11	-------	18.28
Egypt	do	Pound	4.9431	[4] 20,118	20,118			20,118	[6] 23,435	20,973	14,782	1.36	1.58	1.42
Eritrea	Silver	Thalarai	[24]						[6] 1,692		450	-------	3.76	-------
Ethiopia (Abyssinia)	do	do	[24]						[6] 14,851	800	7,500	-------	1.98	.11
French Equatorial Africa	Gold	Franc	.0392							80,000	3,130	-------	-------	25.55
French West Africa	do	do	.0392							370,129	14,576	-------	-------	25.39
Gambia	do	Pound	4.8665							208	201	-------	-------	1.00
Gold Coast	do	do	4.8665						[6] 1,460	550	3,124	-------	.46	.17
Kenya and Uganda [14]	do	Shilling	.2433						[6] 15,044	31,714	6,539	-------	2.30	4.84
Madagascar	do	Franc	.0392							237,406	3,759	-------	-------	63.17
Mauritius [31]	do	Rupee	.365						1,743	14,653	373	-------	4.67	39.29

Morocco	do	Franc	.0392	2,552	2,552			2,552	[6] 1,847	581,498	5,057	.50	.36	114.98
									[6] 538	171	20,762		.02	.01
Nigeria	do	Pound	4.8665			226	46	272	[6] 1,594		1,396	.19	1.14	
Nyasaland	do	do	4.8665			146	487	1,322	[6] 15	142,994	3,960	.33		36.11
Portuguese East Africa	do	Escudo	1.0805	689	689					51,208	2,600			19.70
Portuguese West Africa [5]	do	Angolar	1.0805											
Reunion Island [14]	do	Franc	.0392						[5] [17] 612	43,000	174		3.51	247.12
Rhodesia—														
Northern	do	Pound	4.8665	13	71		29	100	[6] 1,063	100	1,344	.07	.79	.07
Southern	do	do	4.8665		636			636	[6] 2,433	903	1,109	.57	2.20	.82
Sierra Leone	do	do	4.8665						[6] 49	80	1,641			
Somaliland—														
British	do	Rupee	.3650						[6] 401	488	345		1.16	1.41
French [5]	do	Franc	.0392			191		191		4,410	65	2.94		67.80
Italian [5]	do	Lira	.0526						1,863	2,000	1,000		1.86	2.04
Southwest Africa	do	Pound	4.8665			76		76	[17] 130		270	.28	.47	
Sudan, Anglo-Egyptian.	do	do	4.9431	43	71			71	[6] 8,834		5,606	.01	1.57	
Tanganyika	do	Shilling	.2433											
Tunis [5]	do	Franc	.0392						[6] 7,225	26,021	4,885		1.48	5.32
Union of South Africa	do	Pound	4.8665	[4] 32,688	37,704		34,317	72,021	[6] 15,495	500,000	2,200			227.27
Zanzibar	do	Rupee	.3650						439	7,035	8,131	8.86	1.91	.87
Oceania:										2,395	235		1.87	10.19
Australia	do	Pound	4.8665	75,316	75,316	[37] 1,500		76,816	[9] 11,692	42,461	6,526	11.77	1.79	6.51
New Zealand	do	do	4.8665	33,394	33,394			33,394	[6] 4,867	6,868	1,521	21.95	3.20	4.51
Fiji Islands	do	do	4.8665					431	[6] 268	439	186	2.32	1.44	2.36
Society Islands	do	Franc	.0392							12,501	40			312.52
British New Guinea (Papua).	do	Pound	4.8665					13	13	([33])	404	.03	.02	
Total				10,937,719	11,007,782	81,883	432,392	11,522,057	4,789,713		1,987,817	5.80	2.41	

[1] From United States Mint interrogatories and/or published official sources.
[2] Includes, in addition to holdings of central banks and governments, holdings of other banks where authenticated.
[3] Data known to be incomplete.
[4] In part held abroad, either reported as earmarked (set aside and not included in the claimed assets of the holding institution, as opposed to being merely deposited abroad or representing a receivable balance) or considered to be earmarked by U. S. Federal Reserve Board experts.
[5] Gold and silver.
[6] Estimated silver circulation included.
[7] United States bank notes.
[8] United States Government notes.
[9] Prior year's figures.
[10] Exclusive of Canadian bank notes which are the principal circulating media.
[11] Panama coin only. In addition to this, there is circulating an unknown amount of silver.
[12] United States currency.
[13] In Trinidad dollars.
[14] June 30, 1930.
[15] Paper peso currency legally convertible at 44 per cent of face value.
[16] Equivalent of old milreis; value of paper currency fixed at 4.567 paper milreis to the gold milreis ($0.1196) for payment of public dues.
[17] Includes base metal coin.
[18] On Jan. 2, 1931.
[19] Exclusive of Spanish bank notes and British treasury notes.
[20] Almost the entire amount held abroad.
[21] British currency.
[22] Includes platinum, etc.
[23] Incomplete.
[24] Fluctuates with the price of silver.
[25] Gold standard established by decree of May 1, 1930.
[26] Monetary standard not established.
[27] Estimate.
[28] Gold standard established by decree of Mar. 18, 1930; notes are stated in old krans.
[29] Mar. 21, 1930 (end of Persian year).
[30] Sarawak coin and notes; Straits coin and notes also circulate.
[31] May, 1930.
[32] Used also in Irish Free State.
[33] Australian notes.

Monetary stock of principal countries of the world, end of calendar year 1931 (subject to revision)

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated statistics		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]							
North America:														
United States	Gold	Dollar	$1.00	[4] $4,051,473	$4,064,446	$16,500	$379,153	$4,460,099	$848,271	4,817,594	126,085	$35.37	$6.72	38.20
Canada	do	do	1.00	77,642	109,081	[5] 14,522		123,603	[6] 28,433	315,404	10,374	11.91	2.74	30.40
Mexico	do	Peso	.4985		3,917			3,917	11,436	1,092	16,525	.23	.69	.07
British Honduras	do	Dollar	1.00			164		164	[4] 132	462	50	3.28	2.64	9.24
Costa Rica	do	Colon	.25						[4] 228	4,590	528		.43	8.69
Cuba [7]	do	Peso	1.00	3,925	3,925	2,650	17,211	23,786	[6] 8,413	([8])	3,962	6.00	2.12	
Dominican Republic	do	Dollar	1.00			139		139	282	([8])	1,250	.11	.23	
Guatemala	do	Quetzal	1.00	2,255	2,588		270	2,858	[6] 1,512	5,868	2,219	1.29	.68	2.64
Haiti	do	Gourde	.20			162		162	17	[10] 7,542	2,550	.06	.01	2.96
Honduras	do	Lempira	.50			100		100	1,000	1,000	860	.11	1.16	1.16
Newfoundland	do	Dollar	1.00			[7] 1,000		1,000	[7] 2,300	[11] 50	282	3.54	8.16	.18
Nicaragua [7]	do	Cordobe	1.00						529	6,152	750		.71	8.20
Panama	do	Balboa	1.00						[12] [6] 532	([13])	467		1.14	
Salvador [7]	do	Colon	.50	3,202	3,202			3,202		10,716	1,438	2.23		7.45
Virgin Islands [7]	do	Franc	.193			81	2	83	[6] 66	192	21	3.95	3.14	9.14
British West Indies—														
Barbados	do	Dollar	1.0138			5		5	[6] 507	400	168	.03	3.02	2.38
Jamaica	do	Pound	4.8665						[6] 876	406	1,048		.84	.39
Trinidad [7]	do	do	4.8665			40	10	50	[6] 917	[10] 2,011	420	.12	2.18	4.79
French West Indies—														
Guadeloupe [14]	do	Franc	.0392							39,823	236			168.74
Martinique [14]	do	do	.0392			[7] 300		300		63,106	230	1.30		274.37
Neth. West Indies	do	Guilder	.402			1,706		1,706	222	3,208	45	37.91	4.93	71.29
South America:														
Argentina	do	Peso [15]	.9648	252,669	254,792			254,792		736,200	11,659	21.85		63.14
Bolivia	do	Boliviano	.305	5,061	5,061	1,315		6,376	40	26,626	3,014	2.11	.01	8.83
Brazil	do	Milreis [15]	.5462	695	695			695		2,941,000	41,478	.02		70.90
Chile	do	Peso	.1217	8,133	8,133	4,713	243	13,089	[6] 2,812	219,395	4,348	3.01	.64	50.45
Colombia	do	do	.9733	8,885	8,913			8,913	[6] [16] 13,189	28,545	8,380	1.06	1.57	3.41
Ecuador	do	Sucre	.20	1,133	1,133	14	17	1,164	[6] [16] 1,566	19,134	2,500	.47	.63	7.65

Guiana—										205	1,344	311		.66	4.32
British [7]	do	Dollar	1.0138			59	4	63	[6] 358	1,468	155	.41	2.31	9.47
Dutch	do	Guilder	.402			94		94	194	11,056	47	2.00	4.13	235.23
French	do	Franc	.0392					749		196,510	852	.88		230.64
Paraguay	do	Peso	.9648	749	749			17,551	[5] [16] 6,803	54,620	6,237	2.81	1.01	8.76
Peru	do	Sol	.2800	16,717	17,551	38		52,704	4,138	81,031	1,938	27.20	2.14	41.81
Uruguay	do	Peso	1.0342	52,666	52,666		979	22,108	16,257	103,360	3,226	6.85	5.04	32.04
Venezuela	do	Bolivar	.193	12,753	21,129									
Europe:							218	1,201	[6] 50	11,869	1,903	1.20	.05	11.83
Albania	do	Franc	.193	[4] 983	983			26,671	[6] 11,889	1,183,266	6,722	3.97	1.77	176.02
Austria	do	Schilling	.1407	26,671	26,671			354,416	[16] 5,804	3,735,071	8,393	42.23	.69	445.02
Belgium	do	Belga	.1390	[4] 354,416	354,416			10,919	5,789	2,918,593	6,031	1.81	.96	483.93
Bulgaria	do	Lev	.0072	10,919	10,919			48,837	191	7,679,170	14,843	3.29	.01	517.36
Czechoslovakia	do	Krone	.0296	48,837	48,837			4,249	[6] 1,947	44,042	415	10.24	4.69	106.12
Danzig	do	Gulden	.1947	4,249	4,249			38,664	1,530	346,489	3,566	10.84	.43	97.17
Denmark	do	Krone	.2680	38,664	38,664			1,758	[6] 733	37,072	1,120	1.57	.65	33.10
Estonia	do	Kroon	.2680	[4] 1,758	1,758			7,653	1,116	1,292,915	3,658	2.09	.31	353.45
Finland	do	Mark	.0252	7,653	7,653			2,699,431	[16] 37,757	85,724,954	41,835	64.53	.90	2,049.12
France	do	Franc	.0392	[4] 2,699,431	2,699,431			251,303	[5] 284,693	5,382,208	64,621	3.89	4.40	83.29
Germany	do	Reichsmark	.2382	[4] 234,378	234,378	16,925				[16] 100	18			5.55
Gibraltar	do	Pound	4.8665					587,613	[6] 238,458	[14] 394,414	46,189	12.72	5.16	8.54
Great Britain	do	do	4.8665	587,613	587,613			11,271	[6] 3,958	3,986,711	6,397	1.76	.62	623.22
Greece	do	Drachma	.0130	[4] 11,271	11,271			17,838	[6] 2,050	422,794	8,734	2.04	.24	48.41
Hungary	do	Pengö	.1749	17,838	17,838					9,648	110	5.47		87.71
Iceland	do	Krona	.2680	300	300	302		602			2,957	.10	1.69	3.82
Irish Free State	do	Pound	4.8665			296		296	[6] 4,992	11,366	2,393	2.10	2.10	345.29
Italy	do	Lira	.0526	295,943	295,943			295,943	[6] 86,488	14,236,200	1,918	3.18	4.03	39.57
Latvia	do	Lat	.193	[4] 6,096	6,096			6,096	[6] 7,720	75,894	2,393	2.10	.56	45.53
Lithuania	do	Litas	.1000	[4] 5,014	5,014			5,014	[6] 1,351	108,951	238		1.13	
Malta and Gozo	do	Pound	4.8665						[14] 268	[15]	8,030	44.42	6.95	127.70
Netherlands	do	Florin	.4020	356,668	356,668			356,668	[6] 55,770	1,025,448	2,814	14.77	2.37	118.84
Norway	do	Krona	.2680	[4] 41,565	41,565			41,565	[6] 6,673	334,422	32,120	2.10	.71	37.97
Poland	do	Zloty	.1122	[4] 67,364	67,364			67,364	[6] 22,735	1,219,597	6,717	1.88		306.95
Portugal	do	Escudo	.0442	12,613	12,613			12,613		2,061,786	18,025	3.22	.09	1,317.64
Rumania	do	Leu	.0060	[4] 58,050	58,050			58,050	1,666	23,750,390	162,086	2.02	.07	1.71
Russia (Soviet Union)	do	Chevonetz	5.1457	328,285	328,285			328,285	[20] 11,733	278,441	23,903	18.15	4.16	208.85
Spain	do	Peseta	.193	433,768	433,768			433,768	99,464	4,992,226	6,142	9.01	.18	94.87
Sweden	do	Krone	.2680	55,160	55,160	207		55,367	1,124	882,677	4,085	117.97	.17	393.97
Switzerland	do	Franc	.193	[4] 452,950	452,950		[7] 28,950	481,900	676	1,609,353	13,914	2.23	.04	371.73
Yugoslavia	do	Dinar	.193	[4] 30,970	30,970			30,970	597	5,172,271				
Asia:														
Arabia-Hejaz	do	Pound	4.8665			302		302			750	.40		
British North Borneo	do	Dollar	.5678						[6] 18	1,043	298		.06	3.50
Ceylon	do	Rupee	.3650			8		8	[6] 9,900	40,612	5,313		1.86	7.64
China [17]	Silver	Dollar	[18]						[19] 491,760	768,481	462,387		1.06	1.66
Cyprus Island	Gold	Pound	4.8665				292	292	[6] 718	426	350	.83	2.05	1.22
Federated Malay States [7]	do	Dollar	.5678						292	5,139	1,705		.17	3.01
India, British	do	Rupee	.3650	[4] 161,821	161,821			161,821	[6] 1,453,037	1,783,261	352,987	.46	4.12	5.05
Indo-China, French	do	Piaster	.3918			10,853		10,853	6,805	102,100	21,600	.50	.32	4.72
Iraq [7] (Mesopotamia)	[25]	Rupee	.3650				[21] 10,000	10,000	[6] 25,000		3,300	3.03	7.58	

Monetary stock of principal countries of the world, end of calendar year 1931 (subject to revision)—Continued

[Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted)]

Country	Monetary standard	Monetary unit		Gold stock					Silver stock in banks and treasuries	Paper circulation in monetary unit of issuing country	Population	Per capita		
		Name	United States equivalent	Authenticated statistics		Unauthenticated statistics		Total gold stock				Gold	Silver	Paper
				In central banks or government treasuries [1]	Total authenticated gold holdings [2]	In banks	Outside banks and government treasuries [3]							
Asia—Continued.														
Japan (including Chosen, Taiwen, Kwantung) [17]	Gold	Yen	$0.4985	$234,071	$234,071			$234,071	$25,413	1,330,575	90,395	$2.59	$0.28	14.72
Netherland East Indies	do	Guilder	.4020	45,248	45,248			45,248	18,571	229,558	60,731	.75	.31	3.78
Palestine	do	Pound	4.8665						[6] 1,728	1,973	1,035		1.67	1.91
Philippine Islands	do	Peso	.50	3,019	3,019			3,019	[6] 20,242	105,929	12,419	.24	1.63	8.53
Sarawak	do	Dollar	.5678							[21] 2,178	475			4.58
Siam	do	Baht (tical)	.4424						[5] 71,497	81,609	11,684		6.12	6.95
Straits Settlement	do	Dollar	.5678	1,598	1,598			1,598	[6] 21,494	67,551	1,114	1.43	19.29	60.64
Syria	do	Pound	3.859						[6] 966	11,425	3,100		.31	3.69
Turkey	do	Lira (pound)	4.3965	[22] 65,520	65,520			65,520		170,597	14,100	4.65		12.10
Africa:														
Algeria	do	Franc	.0392	8,208	8,208			8,208	2,078	1,974,947	6,553	1.25	.32	301.38
Belgian Congo	do	do	.0278	2,253	2,253			2,253		162,653	10,000	.22		16.27
Egypt	do	Pound	4.9431	20,885	20,885			20,885	[5] [6] 24,800	19,589	14,782	1.41	1.68	1.32
Eritrea [7]	Silver	Thalari	(18)						1,692		450		3.76	
Ethiopia	do	do	(18)						[6] 10,827	1,740	7,500		1.44	.23
French Equatorial Africa [7]	Gold	Franc	.0392							80,000	3,130			25.56
French West Africa [14]	do	do	.0392							552,200	14,576			37.88
Gambie	do	Pound	4.8665							213	201			1.06
Gold Coast	do	do	4.8665						973	575	3,124		.31	.18
Kenya and Uganda [14]	do	Shilling	.2433						[6] 15,500	29,331	6,539		2.37	4.49
Madagascar	do	Franc	.0392							215,890	3,759			57.43
Mauritius [7]	do	Rupee	.3650						1,743	14,653	373		4.67	39.28
Morocco	do	Franc	.0392	[4] 3,937	3,937			3,937	[6] 1,177	615,227	5,057	.77	.23	121.66
Nigeria	do	Pound	4.8665						[6] 1,115	157	20,762		.05	.01
Nyasaland	do	do	4.8665			$191	$24	215	[6] 1,608	10	1,396	.15	1.15	.01
Portuguese East Africa	do	Escudo	1.08144			406	487	893	[6] 15	82,447	3,960	.23		20.82

										51,208	2,600			19.69
Portuguese West Africa.[1]	do	Angolas	1.0805							43,487	174			249.93
Reunion Island [14]	do	Francs	.0392							100	1,344	.07	.79	.07
Rhodesia—									[5] 1,063					
Northern [1]	do	Pounds	4.8665	13	71	730	29	100	[6] 2,141	753	1,109	.66	1.93	.68
Southern	do	do	4.8665					730	[6] 49	80	1,541		.03	.05
Sierra Leone	do	do	4.8665											
Somaliland—									[6] 402	483	345		1.16	1.40
British	do	Rupees	.3650			191		191		4,410	65	2.94		67.85
French [7]	do	Francs	.0392						1,863	2,000	1,000		1.86	2.00
Italian [7]	do	Lire	.0526			176		176	137	121	270	.65	.51	.45
Southwest Africa	do	Pounds	4.8665			36		36	[6] 8,771		5,606	.01	1.56	
Sudan, Anglo-Egyptian	do	do	4.9431						[6] 8,181	30,425	4,885		1.67	6.23
Tanganyika	do	Shillings	.2433							1,974,347	2,200			897.43
Tunis	do	Francs	.0392					47,251	[6] 12,413	8,799	8,131	5.81	1.53	1.08
Union of South Africa	do	Pounds	4.8665	[4] 39,437	39,437	[6] 7,814			[6] 621	1,340	235		2.64	5.70
Zanzibar	do	Rupees	.3650											
Oceania:										49,368	6,526	8.14	1.80	7.56
Australia	do	Pounds	4.8665	51,598	51,598	[8] 1,500		53,098	[10] 11,726	5,927	1,521	21.99	3.20	3.89
New Zealand	do	do	4.8665			[10] 33,446		33,446	[7] [6] 4,867	405	186	3.53	2.00	2.18
Fiji Islands	do	do	4.8665			561	97	658	[6] 371	11,028	40			275.70
Society Islands	do	Francs	.0392						15	[38]	404		.03	
British New Guinea (Papua).	do	Pounds	4.8665											
Total				11,324,993	11,385,074	117,546	437,986	11,940,606	4,110,046		1,978,567	6.03	2.08	

[1] From United States Mint interrogatories and/or published official sources.
[2] Includes, in addition to holdings of central banks and governments, holdings of other banks where authenticated.
[3] Data known to be incomplete.
[4] In part held abroad, either reported as earmarked (set aside and not included in the claimed assets of the holding institution, as opposed to being merely deposited abroad or representing a receivable balance) or considered to be earmarked by U. S. Federal Reserve Board experts.
[5] Gold and silver.
[6] Estimated silver circulation included.
[7] Prior year's figures.
[8] United States bank notes.
[9] United States Government notes.
[10] U. S. currency also circulates.
[11] Exclusive of Canadian bank notes which are the principal circulating media.
[12] Panama coin only. In addition to this, there is circulating an unknown amount of silver.
[13] U. S. currency.
[14] June 30, 1931.
[15] Paper peso currency legally convertible at 44 per cent of face value.
[16] Includes base metal coin.
[17] Incomplete.
[18] Fluctuates with price of silver.
[19] Dollar coins circulating, estimated at two billion.
[20] Monetary standard not established.
[21] Sarawak coin and notes; Straits coin and notes also circulate.
[22] On Jan. 7, 1932.
[23] Exclusive of Spanish bank notes and British treasury notes.
[24] Used also in Irish Free State.
[25] British currency.
[26] Australian notes.
[27] Estimate.
[28] Equivalent of old milreis; value of paper currency fixed at 4.567 paper milreis to the gold milreis ($0.1196) for payment of public dues.
[29] Includes platinum.
[30] In Trinidad dollars.

WORLD PRODUCTION OF GOLD AND SILVER

[The production figures given below are based upon the data unpublished this year and those published in prior issues of the report of the Director of the Mint]

Country	Calendar year 1930						Calendar year 1931—Subject to revision					
	Gold			Silver			Gold			Silver		
	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.38724 per ounce) [1]	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.29013 per ounce) [1]
North America:												
United States	65,331	2,100,395	$43,419,018	1,574,720	50,627,243	$19,604,894	68,857	2,213,741	$45,762,068	958,695	30,822,042	$8,942,399
Canada	65,539	2,107,073	43,557,064	822,299	26,435,935	10,237,051	83,832	2,695,219	55,715,121	639,447	20,558,216	5,964,555
Mexico	20,855	670,488	13,860,217	3,278,722	105,410,912	40,819,321	19,378	623,003	12,878,615	2,676,966	86,064,457	24,969,881
Total	151,725	4,877,956	100,836,299	5,675,711	182,474,090	70,661,266	172,067	5,531,963	114,355,824	4,275,108	137,444,715	39,876,835
Central America and West Indies [2]	1,806	58,050	1,200,000	121,306	3,900,000	1,510,236	21,065	677,250	1,400,000	124,417	4,000,000	1,160,520
South America:												
Argentina [3]	31	1,000	20,672	467	15,000	5,809						
Bolivia	513	16,479	340,655	220,563	7,091,100	2,745,958	539	17,328	358,201	179,543	5,772,307	1,674,719
Brazil	3,009	96,750	2,000,000	622	[3] 20,000	7,745	3,591	115,473	2,387,038	311	[3] 10,000	2,901
Chile	519	16,686	344,930	22,782	732,441	283,630	520	16,718	345,591	11,582	372,361	108,033
Colombia	4,937	158,727	3,281,188	1,866	[3] 60,000	23,234	6,043	194,268	4,015,885	1,244	[3] 40,000	11,605
Ecuador	2,177	69,998	1,447,000	3,301	106,127	41,097	1,854	59,616	1,232,372	3,258	104,762	30,395
Guiana—												
British	216	6,933	143,318				[4] 216	6,944	143,545			
Dutch (Surinam)	123	3,948	81,620	233	[3] 7,500	2,904	143	4,597	95,028	187	[3] 6,000	1,741
French	1,354	43,538	[3] 900,000				[4] 1,354	43,531	899,865			
Peru	2,801	90,052	1,861,540	482,126	15,500,351	6,002,356	2,470	79,410	1,641,550	278,601	8,957,022	2,598,701
Venezuela	[3] 1,740	55,946	1,156,494	[3] 130	4,179	1,618	[3] 1,316	42,309	874,604	[3] 130	4,179	1,213
Total	17,420	560,057	11,577,417	732,090	23,536,698	9,114,351	18,046	580,194	11,993,679	474,856	15,266,631	4,429,308
Europe:												
Austria				318	10,224	3,959				[4] 318	10,223	2,966
Czechoslovakia	75	2,411	49,840	27,700	890,555	344,858	34	1,093	22,594	27,971	899,267	260,904
France	1,327	42,663	881,922	20,280	652,002	252,481	[4] 1,327	42,663	881,922	[4] 20,280	652,002	189,165
Germany	189	6,076	125,602	170,620	5,485,433	2,124,179	128	4,115	85,064	179,925	5,784,588	1,678,283
Great Britain				1,274	40,959	15,861				1,057	33,982	9,859

Greece	[3] 15	482	9,964	[3] 7,500	241,125	93,373	[3] 15	483	9,984	[3] 6,000	192,900	55,966
Italy	54	1,723	35,627	17,781	571,653	221,367	67	2,165	44,757	22,374	719,324	208,698
Norway				10,507	337,800	130,810				9,250	297,387	86,281
Poland				17,377	558,671	216,340				[4] 17,377	558,670	162,087
Rumania	2,672	85,904	1,775,793	4,418	142,038	55,002	3,001	96,482	1,994,460	4,846	155,798	45,201
Russia	44,593	1,433,664	29,636,465	9,331	[4] 300,000	116,172	52,907	1,700,960	35,161,963	10,887	[3] 350,000	101,545
Spain	15	484	[4] 10,000	[4] 82,713	2,659,223	1,029,757	15	483	[3] 10,000	96,383	3,098,713	899,030
Sweden	1,866	60,000	1,240,310	2,333	[4] 75,000	29,043	2,800	90,000	1,860,465	2,488	[3] 80,000	23,210
Jugoslavia	720	23,148	478,512	3,120	100,308	38,843	680	21,862	45,927	2,946	94,713	27,479
Total	51,526	1,656,555	34,244,035	375,272	12,064,991	4,672,045	60,974	1,960,306	40,523,136	402,102	12,927,567	3,750,674
Asia:												
British India	10,240	329,231	6,805,809	219,970	7,072,050	2,738,581	10,279	330,484	6,831,710	184,230	5,923,005	1,718,441
China [3]	3,010	96,750	2,000,000	1,555	50,000	19,362	3,009	96,750	2,000,000	1,866	60,000	17,408
Chosen (Korea)	4,964	159,608	3,299,400	2,139	68,758	26,626	5,266	169,312	[3] 3,500,000	2,022	[3] 65,000	18,858
Fed. Malay States	921	29,597	611,824				916	29,462	609,033			
Indo-China	[4] 16	514	10,625	99	3,183	1,233	9	289	5,974	[3] 50	1,607	466
Japan	12,091	388,740	8,035,965	175,072	5,628,558	2,179,603	13,219	425,000	8,785,530	155,521	[3] 5,000,000	1,450,650
Netherlands East Indies	3,435	110,435	2,282,894	65,140	2,094,251	810,978	3,113	100,083	2,068,899	45,820	1,473,113	427,394
Philippine Islands	5,574	179,204	3,704,475	3,431	110,307	42,715	5,661	181,981	3,761,881	3,020	97,093	28,170
Sarawak	54	1,730	35,761				184	5,901	121,984			
Taiwan	485	15,576	321,985	472	15,163	5,872	527	16,931	[3] 350,000	373	[3] 12,000	3,482
Turkey [3]	28	900	18,605	6,843	220,000	85,193	28	900	18,605	6,221	200,000	58,026
Total	40,818	1,312,285	27,127,343	474,721	15,262,270	5,910,163	42,211	1,357,093	28,053,616	399,123	12,831,818	3,722,895
Oceania:												
Australia—												
New South Wales	389	12,500	258,398	272,784	[3] 8,770,000	3,396,095	612	19,673	406,677	208,061	6,689,174	1,940,730
Northern Territory	[4] 1	44	910				19	612	12,651			
Queensland	243	7,821	161,674	2,171	69,808	27,032	409	13,147	271,773	33,856	1,088,478	315,800
South Australia	41	1,311	27,101	33	1,058	410	86	2,782	57,509	2	68	20
Victoria	750	24,119	498,584	28	[3] 900	348	1,357	43,637	902,057	28	[3] 900	261
West Australia	12,951	416,369	8,607,111	1,442	46,348	17,948	15,882	510,572	10,554,460	1,360	43,739	12,690
Tasmania	139	4,467	92,341	22,134	711,619	275,567	148	4,760	98,308	12,185	391,732	113,653
New Guinea (Australian mandate)	859	27,601	570,558	1,555	[3] 50,000	19,362	1,626	52,271	1,080,543	933	[3] 30,000	8,704
Papua	158	5,094	105,311				210	6,760	139,732			
New Zealand	3,811	122,532	2,532,961	16,027	515,263	199,530	4,035	129,720	2,681,550	13,531	435,006	126,208
Total	19,342	621,858	12,854,949	316,174	10,164,996	3,936,292	24,384	783,934	16,205,350	269,956	8,679,097	2,518,066
Africa:												
Algeria				[4] 5,193	166,955	64,652						
Belgian Congo	6,093	195,890	4,049,406	404	[3] 13,000	5,034				4,666	[3] 150,000	43,519
Bechuanaland	62	1,997	41,282	11	360	139	6,587	211,758	4,377,434	467	[3] 15,000	4,352
British West Africa (Gold Coast, Ashanti, Nigeria, Sierra Leone)	7,654	246,075	5,086,822	6	200	77	40	1,302	26,915	21	662	192
Egypt	17	546	11,287				8,057	259,023	5,354,478	7,866	252,903	73,375
Eritrea	[3] 5	161	3,328				[4] 17	546	11,287			
Ethiopia (Abyssinia)	[4] 140	4,501	93,044				7	225	4,651			
							124	[3] 4,000	82,687			

See footnotes at end of table.

World production of gold and silver, 1930 and 1931—Continued

[The production figures given below are based upon data unpublished this year and those published in prior issues of the report of the Director of the Mint]

Country	Calendar year 1930						Calendar year 1931—Subject to revision					
	Gold			Silver			Gold			Silver		
	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.38724 per ounce) [1]	Kilos, fine	Ounces, fine	Value	Kilos, fine	Ounces, fine	Value ($0.29013 per ounce) [1]
Africa—Continued.												
French Equatorial Africa	60	1,929	$39,876				[4] 60	1,929	$39,876			
French West Africa	[5] 169	5,427	112,177				166	5,321	[3] 110,000			
Kenya Colony	56	1,789	36,982	5	155	$60	79	2,531	52,320	9	288	$84
Madagascar	225	7,234	149,540				227	7,298	150,863			
Portuguese East Africa	5	176	3,638	1	38	15	17	538	11,121	2	60	17
Rhodesia—												
Northern	234	7,513	155,307	20	637	247	291	9,364	193,571	17	548	159
Southern	17,033	547,630	11,320,517	2,262	72,720	28,160	16,551	532,111	10,999,710	2,363	75,960	22,038
Southwest Africa	7	222	4,589				11	367	7,592			
Swaziland	[4] 3	90	1,859				3	[3] 100	2,067			
Sudan	30	954	19,723				32	1,041	21,517			
Tanganyika	344	11,072	228,878	40	1,278	495	396	12,730	263,152	52	1,672	485
Transvaal, Cape Colony and Natal	333,323	10,716,351	221,526,636	32,661	1,050,038	406,617	338,345	10,877,777	224,863,607	33,064	1,063,050	308,423
Total	365,490	11,749,557	242,884,891	40,603	1,305,381	505,496	371,010	11,927,961	246,572,848	48,527	1,560,143	452,644
Total for world	648,097	20,836,318	430,724,934	7,735,877	248,708,426	96,309,849	709,757	22,818,701	459,104,453	5,994,089	192,709,971	55,910,942

[1] Average price per fine ounce in London for 1930, and in New York for 1931.
[3] Estimate based on United States imports of ore and bullion and interrogatory data.
[4] Estimate based on other years' production.
[5] Last year's figures.
[6] Amount exported.

Production of gold and silver in the world since 1860

[The annual production of 1860 to 1872 is obtained from 5-year-period estimates compiled by Dr. Adolph Soetbeer. Since 1872 the estimates are those of the Bureau of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value	Fine ounces	Commercial value [1]
1860	6,486,262	$134,083,000	29,095,428	$39,337,000
1861	5,949,582	122,989,000	35,401,972	46,191,000
1862	5,949,582	122,989,000	35,401,972	47,651,000
1863	5,949,582	122,989,000	35,401,972	47,616,000
1864	5,949,582	122,989,000	35,401,972	47,616,000
1865	5,949,582	122,989,000	35,401,972	47,368,000
1866	6,270,086	129,614,000	43,051,583	57,646,000
1867	6,270,086	129,614,000	43,051,583	57,173,000
1868	6,270,086	129,614,000	43,051,583	57,086,000
1869	6,270,086	129,614,000	43,051,583	57,043,000
1870	6,270,086	129,614,000	43,051,583	57,173,000
1871	5,591,014	115,577,000	63,317,014	83,958,000
1872	5,591,014	115,577,000	63,317,014	83,705,000
Total	78,766,630	1,628,252,000	547,997,231	729,563,000
1873	4,653,675	96,200,000	63,267,187	82,120,800
1874	4,390,023	90,750,000	55,300,781	70,674,400
1875	4,716,563	97,500,000	62,261,719	77,578,100
1876	5,016,488	103,700,000	67,753,125	78,322,600
1877	5,512,196	113,947,200	62,679,916	75,278,600
1878	5,761,114	119,092,800	73,385,451	84,540,000
1879	5,262,174	108,778,800	74,393,495	83,532,700
1880	5,148,880	106,436,800	74,795,273	85,640,600
1881	4,983,742	103,023,100	79,020,872	89,925,700
1882	4,934,086	101,996,600	86,472,091	98,232,300
1883	4,614,588	95,392,000	89,175,023	98,984,300
1884	4,921,169	101,729,600	81,567,801	90,785,000
1885	5,245,572	108,435,600	91,609,959	97,518,800
1886	5,135,679	106,163,900	93,297,200	92,795,500
1887	5,116,861	105,774,900	90,123,586	94,031,000
1888	5,330,775	110,190,000	108,827,606	102,185,900
1889	5,973,790	123,489,200	120,213,611	112,414,100
1890	5,749,306	118,848,700	126,095,062	131,937,000
1891	6,320,194	130,650,000	137,170,000	135,500,200
1892	7,094,266	146,651,500	153,151,762	133,404,400
1893	7,618,811	157,494,800	165,472,621	129,119,900
1894	8,764,362	181,175,600	164,610,394	104,493,000
1895	9,615,190	198,763,600	167,500,960	109,545,600
1896	9,783,914	202,251,600	157,061,370	105,859,300
1897	11,420,068	236,073,700	160,421,082	96,252,700
1898	13,877,806	286,879,700	169,055,253	99,742,600
1899	14,837,775	306,724,100	168,337,452	101,002,600
1900	12,315,135	254,576,300	173,591,364	107,626,400
1901	12,625,527	260,992,900	173,011,283	103,806,700
1902	14,354,680	296,737,600	162,763,483	86,264,700
1903	15,852,620	327,702,700	167,689,322	90,552,200
1904	16,804,372	347,377,200	164,195,266	95,233,300
1905	18,306,451	380,288,300	172,317,688	105,113,700
1906	19,471,080	402,503,000	165,054,497	111,721,100
1907	19,977,260	412,966,600	184,206,984	121,577,100
1908	21,422,244	422,837,000	203,131,404	108,655,100
1909	21,965,111	454,059,100	212,149,023	110,364,400
1910	22,022,180	455,239,100	221,715,673	119,737,000
1911	22,397,136	462,989,761	226,192,923	122,143,800
1912	22,605,068	467,288,203	230,904,241	141,972,220
1913	22,254,983	460,051,329	210,013,423	126,848,107
1914	21,301,836	440,348,027	172,263,596	95,261,769
1915	22,737,520	470,026,251	173,000,507	89,911,664
1916	22,031,094	455,423,136	180,801,919	124,011,387
1917	20,345,528	420,579,351	186,125,017	166,240,586
1918	18,614,039	384,786,306	203,159,431	200,002,335
1919	17,698,184	365,853,933	179,849,940	201,588,402
1920	16,130,110	332,823,934	173,296,382	176,658,331
1921	15,974,962	330,231,792	171,285,542	108,110,295
1922	15,451,945	319,420,063	209,815,448	142,536,023
1923	17,790,597	367,764,279	246,009,534	172,275,552
1924	19,031,001	393,405,653	239,484,703	178,310,725
1925	19,025,942	393,301,128	245,213,993	172,498,232
1926	19,349,118	399,981,749	253,795,166	159,568,628
1927	19,431,194	401,678,427	253,981,085	144,947,007
1928	19,700,049	407,236,156	257,925,154	151,213,780
1929	19,500,152	403,103,911	260,970,029	139,960,839
1930	20,836,318	430,724,934	248,708,426	96,309,849
1931	22,818,701	459,104,453	192,709,971	55,910,942
Total	792,031,204	16,359,523,276	9,464,344,059	6,788,337,873
Grand total	870,797,834	17,987,775,276	10,012,341,290	7,517,900,873

[1] At the average par price of a fine ounce of silver in London, excepting the years 1918 to 1922, inclusive, and 1931, for which the mean of the New York bid and asked prices was used.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Commercial value [1]	Fine ounces	Commercial value [1]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11	89	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,705,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2	98	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.5	96.5	35.4	64.6
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	4.2	95.8	40.0	60.0
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.4	95.6	40.5	59.5
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	3.1	96.9	31.8	68.2
1761–1780	665,066	13,751,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	.2	98	23.4	76.6
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	1.9	98.1	23.7	76.3
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	2.1	97.9	34.7	75.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	3	97	32.8	67.2
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.3	96.7	34.9	65.1
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,100,656	191,758,675	251,606,557	6.6	93.4	52.6	47.4
1841–1850	1,760,502	36,393,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1851–1855	6,410,324	132,513,000	32,431,312	670,415,000	29,095,428	39,206,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1856–1860	6,486,262	134,083,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1861–1865	5,949,582	122,989,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1866–1870	6,270,086	129,614,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1871–1875	5,591,014	115,577,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1876–1880	5,643,110	114,586,000	23,973,773	495,582,000	92,019,944	102,161,180	460,019,722	510,805,899	5	95	49.2	50.8
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	108,911,431	106,624,201	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1886–1890	5,461,282	112,893,000	27,306,411	564,474,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	165,693,304	102,448,170	828,466,522	512,240,850	7	93	71.5	28.5
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	167,995,408	95,942,178	839,977,042	479,710,888	8.5	91.5	77.1	22.9
1901–1905	15,606,730	322,619,800	78,033,650	1,613,099,100			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1906			19,471,080	402,503,000			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1907			19,977,260	412,966,600			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1908			21,422,244	442,837,000			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1909			21,965,111	454,059,100			221,715,673	119,897,184	9	91	79.2	20.8
1910			22,022,180	455,239,100			226,192,923	121,981,319	9	91	79.2	20.8
1911			22,397,136	462,989,761								

1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,254,983	460,051,329			210,013,423	126,969,915	9.5	90.5	78.4	21.6
1914			21,301,836	440,348,027			172,253,596	95,282,440	11	89	82.2	17.8
1915			22,737,520	470,026,251			173,000,507	88,337,519	11.6	88.4	84.2	15.8
1916			22,031,004	455,423,136			180,801,919	121,410,297	10.8	89.2	79.0	21.0
1917			20,345,528	420,579,351			186,125,017	156,345,014	9.8	90.2	72.9	27.1
1918			18,614,039	384,786,306			203,159,431	200,000,302	8.3	91.7	65.8	34.2
1919			17,698,184	365,853,933			179,849,940	201,388,402	8.9	91.1	64.5	35.5
1920			16,130,110	333,423,975			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,974,962	330,231,792			171,285,542	108,974,326	8.4	91.6	75.3	24.7
1922			15,451,945	319,420,063			209,815,448	158,207,142	6.8	93.2	66.9	33.1
1923			17,790,597	367,764,279			246,009,534	172,375,556	6.7	93.3	68.1	31.9
1924			19,031,001	393,405,653			239,484,703	178,310,730	7.4	92.6	68.8	31.2
1925			19,025,942	393,301,128			245,213,993	172,498,235	7.2	92.8	69.5	30.5
1926			19,349,118	399,981,749			253,795,166	159,568,635	7.1	92.9	71.5	28.5
1927			19,431,194	401,675,427			253,981,085	144,947,005	7.1	92.9	73.5	26.5
1928			19,700,049	407,236,156			257,925,154	151,213,780	7.1	92.9	72.9	27.1
1929			19,500,152	403,103,911			260,970,029	139,960,836	6.9	93.1	74.2	25.8
1930			20,836,318	430,724,934			248,708,426	96,309,849	7.7	92.3	81.7	18.3
1931			22,818,701	459,104,453			192,709,971	55,910,942	10.6	89.4	89.1	10.9
Total			1,084,835,651	22,413,757,117			15,170,272,102	19,195,587,185	6.7	93.3	53.9	46.1

[1] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931, when London prices were not equivalent to gold and New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1954

INCLUDING REPORT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER FOR THE CALENDAR YEAR 1953

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THE DIRECTOR OF THE MINT

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LETTER OF TRANSMITTAL

DEPARTMENT OF THE TREASURY,
BUREAU OF THE MINT,
Washington, D. C., January 3, 1955.

SIR: In compliance with the provisions of section 345 of the Revised Statutes of the United States, I have the honor to submit a report on the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1954. This is the Eighty-second Annual Report of the Director of the Mint since the establishment in 1873 of the Bureau of the Mint in the Department of the Treasury. Annual reports of mint activities, however, have been made since the first mint was authorized in 1792. The annual report of this Bureau on United States production and consumption of gold and silver for the calendar year 1953 is also submitted.

Respectfully,

Wm. H. Brett
Director of the Mint.

Hon. G. M. HUMPHREY,
Secretary of the Treasury.

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REPORT ON OPERATIONS OF THE BUREAU OF THE MINT, FISCAL YEAR 1954

The principal functions of the Bureau of the Mint are the manufacture of coins and the acquisition and continuous safeguarding of the Government's holdings of the monetary metals. Gold, silver, coins, and other values in custody of the Mint during the fiscal year 1954 totaled over $24 billion.

The Mint manufactures all domestic coins for the United States, its possessions, and other areas where United States coins are legal tender. Foreign coins are also manufactured on a reimbursable basis for other governments, when orders can be met without impeding the required domestic coinage. Over a period of years, the Mint has made foreign coins for 36 different governments.

Gold and silver deposits are received in many forms, requiring assaying, melting, refining, and other forms of processing, also movement and storage. Disposition of gold and silver includes the exchange of fine bars for bullion deposited; the sale of bars, including the sale of gold for domestic industrial, professional, and artistic use; and the withdrawal of gold in connection with the settlement of international balances. Treasury licenses required for the acquisition, ownership, possession, use, and exportation of gold are issued by the Mint.

Other activities of the Mint include the manufacture of medals of a national character and special medals for other Government agencies, and the performance of miscellaneous services for the Government and the public.

The number of employees of the Bureau ranged from 1,011 at the beginning of fiscal year 1954 to 883 at the close of the year in seven field institutions and the Office of the Director in Washington, D. C. Institutions consist of three coinage mints located in Philadelphia, Pennsylvania, San Francisco, California, and Denver, Colorado; two assay offices located in New York City and Seattle, Washington; and two bullion depositories, one for gold at Fort Knox, Kentucky, and one for silver at West Point, New York which operates as an adjunct of the New York Assay Office. Electrolytic refineries are located in the Denver and San Francisco Mints, and the New York Assay Office. The Medal and Engraving Division is located in the Philadelphia Mint, and "proof" coins are also manufactured there.

The three mints manufactured a total of 1,452 million United States coins with a face value of $100 million during the fiscal year 1954, as follows:

Denomination	Number of pieces produced	Face value	Gross weight[1]
	In millions		Short tons
1-cent pieces	835	$8	2,862
5-cent pieces	162	8	894
Dimes	284	29	781
Quarter dollars	121	30	835
Half dollars	50	25	690
Total	1,452	100	6,062

[1] Includes 2,076 tons silver; 3,620 tons copper; 223 tons nickel; and 143 tons zinc and tin.

In addition to domestic coinage, the Philadelphia Mint manufactured 18 million foreign coins containing 78 tons of metals for the Governments of Costa Rica, Cuba, and the Dominican Republic. The San Francisco Mint manufactured 20 million coins containing 76 tons of metals for the Government of El Salvador.

The Mint was assigned additional duties in connection with the distribution of United States coins during the year. Treasury Department Order No. 179, effective December 1, 1953, transferred from the Treasurer of the United States to the Bureau of the Mint functions pertaining to distribution and transfer of current and uncurrent coins among the Mints, Federal Reserve Banks, Federal Reserve branches, the Treasurer of the United States, and such other persons or institutions as necessary.

Requisitions of coins for circulation totaled 1,213 million pieces during the fiscal year. Details are as follows:

Denomination	Number of pieces shipped	Face value	Gross weight
	In millions		Short tons
1-cent pieces	813	$8	2,786
5-cent pieces	132	7	725
Dimes	171	17	471
Quarter dollars	70	18	486
Half dollars	18	9	251
Silver dollars	9	9	273
Total[1]	1,213	68	4,992

[1] Includes 180,322 sets of proof coins sold.

The estimated stock of coins in the United States and its possessions, including coins held in the Treasury, banks, and in the hands of the public, is compared at the beginning and close of the fiscal year 1954 in the following statement:

Stock of coins	Face value (in millions)		
	July 1, 1953	June 30, 1954	Net change
Silver dollars	$491.5	$491.0	-$0.5
Subsidiary silver coins	1,193.8	1,275.7	+81.9
Minor coins	418.7	434.7	+16.0
Total	2,104.0	2,201.4	+97.4

Gold holdings of the mint institutions ranged from 641.8 million fine ounces valued at $22,462.7 million at the beginning of the fiscal year 1954 to 626.5 million fine ounces valued at $21,926.9 million at the close of the year, a net decrease of 15.3 million ounces valued at $535.8 million. Transactions, excluding intermint transfers, are summarized for the fiscal year 1954 in the following table.

Gold transactions, excluding intermint transfers (in millions)

	Ounces	Value
Gold received		
Newly mined domestic gold	1.5	$51.0
Secondary gold from domestic sources	.2	7.7
U. S. coin, foreign deposits, operative recoveries, etc	.2	8.8
	1.9	[1] 67.5
Gold withdrawn		
Sold for domestic industry, profession, or art	1.0	33.8
Gold bar payment for gold deposits	.1	4.4
Withdrawn by the Treasury for monetary purposes	16.1	565.1
	17.2	603.3

[1] Includes $370.32 increment on gold coin and bullion received at $20.67+ per fine ounce.

Silver bullion holdings of the Bureau of the Mint ranged from 1,339.1 million fine ounces valued at $1,685.0 million at the beginning of the fiscal year 1954 to 1,437.4 million fine ounces valued at $1,850.9 million at the close of the year, a net increase of 98.3 million ounces valued at $165.9 million. Transactions, excluding intermint transfers, are summarized for the fiscal year in the following table.

Silver transactions, excluding intermint transfers (in millions)

	Ounces	Value
Silver received		
Newly mined domestic silver	33.8	$30.5
Secondary silver from domestic sources	.5	.4
Recoinage bullion from uncurrent U. S. coins withdrawn from circulation	1.3	1.7
Leased Treasury silver returned by other agencies of the Federal Government	119.4	154.4
Purchase from Reconstruction Finance Corporation	4.2	3.0
Foreign deposits, operative recoveries, etc	.1	.1
Seigniorage on bullion revalued as security for silver certificates	.....	9.4
	159.3	199.5
Silver disposed of		
Manufactured into U. S. subsidiary coins	60.5	33.2
Silver bar payment for silver deposits	.5	.4
Sold in medals, sweeps, etc	([1])	([1])
	61.0	33.6

[1] Less than 50,000 ounces or dollars.

Under the terms of a formal agreement, dated May 6, 1942, between the Treasury Department and the Defense Plant Corporation, 524,818,002.72 fine troy ounces of Treasury silver bullion, in the form of 1,000 ounce commercial bars, were loaned to the Defense Plant Corporation during the fiscal years 1942 and 1943. This silver was to be used for non-consumptive purposes in defense plants throughout the country to relieve a critical shortage of copper. The entire amount of silver loaned was delivered from the

New York Assay Office and the West Point Bullion Depository, from the Silver Purchase Act (June 19, 1934) account. The agreement, which called for the return of silver in the same form and fineness as delivered, was subsequently transferred to the Reconstruction Finance Corporation.

A large portion of the leased silver was fabricated into electrical conductors (bus-bars) for installation in aluminum and magnesium plants and other factories engaged in war work. After the war, when these installations were no longer required, the Corporation was confronted with the problem of having the silver melted into its original form and returned to the Mint. After obtaining estimates on the cost of melting the silver, from several private industrial concerns, it was determined that it would be far more economical to return it to the Mint in bus-bar form, and have it melted into 1,000 ounce bars, or coinage ingots, in the Mint. Arrangements were accordingly made for the return of all silver held by the Corporation to the Mint, to be held in custody account until melted into bars or coinage ingots, with reimbursement to the Mint for melting and related costs.

Silver was accordingly returned to Mint plants, chiefly during the fiscal year 1947, in the following amounts:

Mint institution	Fine ounces returned
Philadelphia Mint	99,654,086.09
Denver Mint	229,536,848.37
New York Assay Office	195,627,068.26
Total	524,818,002.72

In addition to the above amounts, the Corporation accumulated a reserve amount of several million ounces to provide for melting losses, which was later made available to the Mint.

The silver melting program was commenced during the fiscal year 1947 and completed in May 1954. The silver melting program was purposely continued over a period of several years in order that a greater portion of the bus-bars could be melted direct into coinage ingots. Permanent receipts were issued to the Corporation after each lot was melted, and the silver, including the reserve amount, was taken into the various silver accounts in the following amounts:

Account returned to:	Fine troy ounces
Silver Securing Certificates	400,000,000.00
Silver Purchase Act Silver	124,818,002.72
Silver Bullion Ordinary	4,242,879.13
Total	529,060,881.85

All silver was originally loaned from the Silver Purchase Act account. As the balance of silver in the Mints available for coinage became depleted, "book transfers" were made periodically transferring (a) Silver Purchase Act silver to the Mint, and (b) a like amount of Silver Securing Certificates to the Corporation.

After credit was given to the Corporation for the 524,818,002.72 fine troy ounces of silver loaned, the Mint purchased the reserve amount of 4,242,879.13 fine ounces as Silver Bullion Ordinary, at 71+ cents per fine ounce, and deposited the proceeds amounting to $3,012,444.18 into the Treasury as a miscellaneous receipt on June 15, 1954. A full accounting of the above transactions was made to the Reconstruction Finance Corporation in June 1954 and it was mutually agreed by the Corporation and the Treasury Department that the entire transaction was satisfactorily concluded.

Revenues deposited by the Bureau of the Mint into the general fund of the Treasury during the fiscal year 1954 totaled $73.8 million and were composed principally of seigniorage. Seigniorage on silver subsidiary coinage amounted to $50.4 million, on minor coinage $13.5 million, and on silver bullion revalued from cost to monetary value as security for silver certificates, $9.4 million.

Internal audit:

The scope of the internal audit program was expanded during the fiscal year and included the following:

(1) Appraisal and review in the Washington office of financial statements and reports submitted periodically by the field institutions.

(2) Audit surveys of the field institutions.

(3) Annual settlements at the mints and assay offices and inspection of "joint seals" at the bullion depositories.

Typical auditing actions included:

(1) Review of accounting procedures and practices at the field plants.

(2) Review and examination of storekeeping and inventory procedures.

(3) Spot check of stores inventories by physical count, of a representative number of selected items.

(4) Review of deposit procedures for compliance with mint regulations.

(5) Audit of cash transactions and verification of cash balances under the control of mint cashiers.

(6) Review of imprest fund transactions and verification of cash balances under the control of imprest fund cashiers.

(7) Audit of proof coin and medal sales at Philadelphia and verification of medal inventory.

(8) Review and appraisal of protection and security measures in effect at the various field installations.

(9) Physical verification by weight and/or count of all gold and silver bullion, coin, cash and all other monetary assets not under "joint seal".

The results of the internal audit work performed indicate that:

(1) The accounting records are reliable and afford a full disclosure of the financial results of operations at the field plants.

(2) Reports submitted by the field establishments to the Washington office are in agreement with and supported by the accounting records.

(3) Prescribed accounting procedures are generally being observed.

(4) Mint regulations with respect to the receipt, processing, and payment of bullion deposits are being observed.

(5) Control over monetary assets, stores, equipment and other values are satisfactory and adequate.

(6) Protective and security measures in force are effective and provide adequate protection for the values in custody of the various mint establishments.

Management improvement:

The management improvement program of the Bureau of the Mint continued actively during the fiscal year 1954. Management surveys of the coinage mints and the New York Assay Office, with emphasis on changes in organization and procedures for the purpose of reducing costs, were completed. Estimated annual savings resulting from the program are summarized in the following statement:

Management improvement program, Bureau of the Mint, fiscal year 1954

Description	Estimated annual savings
1. Shipment of minor coins in truckload lots by motor carrier and silver coins by armored truck where available, instead of Railway Express or Parcel Post	$250,000
2. Elimination of unnecessary guard posts	38,000
3. Elimination of repeated weighing of coinage metals between processes	38,000
4. Elimination of transfer weighing of coinage metals between melting and refining and coining divisions	36,000
5. Consolidation of cashier's and deposits divisions	20,000
6. Installation of overhead cranes handling 500-pound containers to deliver blanks to presses and remove finished coins from presses at Philadelphia. Eliminates manual handling and number of operators	15,000
7. Construction of underground bins for copper and improved coin storage and loading facilities at Denver	9,000
8. Design and construction of conveyor layout for handling silver bullion after casting operation at N. Y. Assay Office. Eliminates manual handling of 1,000 ounce bars during stamping, cleaning, and inspection operations	5,000
9. Installation of new annealing furnace and cleaning and drying equipment at San Francisco. Reduces cost of cleaning agents and number of operators	5,000
10. Transfer to N. Y. Assay Office of gold sales from Denver and mail deposit transactions from Philadelphia, and elimination of excess work connected with gold deposits and sales	4,300
11. Construction and use of grapple lifting 24 gold bars at one time by N. Y. Assay Office. Eliminates manual lifting of bars one at a time on and off truck or scale. Also decreases possibility of injury to employees	4,000
Total recurring annual savings to Mint operating appropriation and funds[1]	424,300

[1] In addition, a warehouse formerly used by the Philadelphia Mint was released with annual savings to GSA of $5,700, and a total of $32,898 was deposited as general fund receipts from the sale of surplus and obsolete supplies and equipment.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1953

REPORT ON UNITED STATES PRODUCTION OF GOLD AND SILVER, CALENDAR YEAR 1953

The official United States Government estimate of domestic gold and silver production, made annually by the Bureau of the Mint, is based upon arrivals of these metals at Government Mints and Assay Offices and at privately owned refineries. The Mints and Assay Offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by private refiners is determined from information submitted by them and by intervening smelters, mills, and other plants involved in the reduction processes.

During the calendar year 1953 the Mints and Assay Offices received deposits containing 1,429,870 fine ounces of newly mined domestic gold, with a value of $50,045,464. This was an increase of 2.1 percent, or more than $1 million over the amount received in 1952 when deposits totaled 1,400,863 fine ounces with a value of $49,020,196. Arrivals in 1953 included 518,757 fine ounces in unrefined material mined in 12 States and the Territory of Alaska, and 911,113 fine ounces of bullion from private refineries. The Philadelphia, San Francisco, and Denver Mints and the New York and Seattle Assay Offices received the following deposits of newly mined domestic gold in 1953:

Newly mined domestic gold received by United States Mints and Assay Offices, calendar year 1953, in fine ounces (to thousandths of an ounce)

Source	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
Alaska	18.316	2,458.922	19.142	14,367.961	246,962.605	263,826.946
Arizona	.....	237.903	.....	.....	.....	237.903
California	.....	108,929.086	82.835	.....	.....	109,011.921
Colorado	.....	.....	74,437.067	.....	.....	74,437.067
Idaho	.....	6,330.634	352.384	.....	5,900.893	12,583.911
Montana	.....	2.781	1,113.740	.....	105.589	1,224.110
Nevada	.....	20,111.237	33.567	.....	14,611.410	34,756.214
New Mexico	.....	284.668	8.730	.....	.....	293.398
Oregon	.....	239.980	.....	.....	7,124.546	7,364.526
South Dakota	.....	.....	14,820.100	.....	.....	14,820.100
Utah	.....	24.387	.....	.....	.....	24.387
Washington	.....	.....	.....	.....	36.963	36.963
Wyoming	.....	.....	1.395	.....	.....	1.395
Unallocated	63.635	.....	74.975	.....	.....	138.610
Subtotal	81.951	138,619.598	90,945.935	14,367.961	274,742.006	518,757.451
Private refineries	.....	31,333.832	779,645.105	100,127.262	6.763	911,112.962
Total	81.951	169,953.430	870,591.040	114,495.223	274,748.769	1,429,870.413

United States production of gold in 1953, including deposits made at Government Mints and Assay Offices and the various private refineries during the year, amounted to 1,970,000 fine ounces valued at $68,950,000. This was a gain of 2.2 percent over the previous calendar year's production of 1,927,000 fine ounces valued at $67,445,000. South Dakota was the State of leading production, followed by Utah, Alaska, and California. Percentage-wise, South

Dakota's production was 12.8 percent greater than in 1952, Utah's, 2.8 percent, and Alaska's, 6.1 percent. A decrease in 1953 production caused California to rank fourth instead of third as in 1952, with Alaska moving from fourth place in 1952 to third in 1953. The combined output of the four accounted for over three-fourths of the total production. Output of the 16 producing States and the Territory of Alaska is shown in the following table.

Production of gold in the United States during the calendar year 1953 (based upon arrivals at United States Mints and Assay Offices and at private refineries)

State in which mined	Fine ounces	Value at $35 per fine ounce	State in which mined	Fine ounces	Value at $35 per fine ounce
Alaska	265,100	$9,278,500	South Dakota	532,900	$18,630,500
Arizona	112,000	3,920,000	Tennessee	260	9,100
California	240,000	8,400,000	Texas	8	280
Colorado	122,000	4,270,000	Utah	462,800	16,198,000
Idaho	26,000	910,000	Vermont	170	5,950
Montana	24,600	861,000	Washington	62,500	2,187,500
Nevada	110,000	3,850,000	Wyoming	2	70
New Mexico	2,700	94,500			
Oregon	8,300	290,500	Total[1]	1,970,000	68,950,000
Pennsylvania	1,260	44,100			

[1] Grand total production 1792-1953 amounts to 290,168,171 fine ounces. The last published annual summary (1792-1951) appears on page 16 of the 1952 Annual Report.

During the calendar year 1953 the Mints and Assay Offices received 33,426,620 fine ounces of newly mined domestic silver, consisting of 912,401 fine ounces in unrefined materials mined in 12 States and the Territory of Alaska, and 32,514,219 fine ounces of bullion from private refineries. Of the total 33,426,620 ounces received, 33,401,827 ounces qualified under the act of July 31, 1946 with return to the depositors of 90.50505 cents per fine ounce, or a total return of $30,230,340. Newly mined domestic silver received as "bullion ordinary" amounted to 24,793 ounces with a total cost of $21,013. Bullion ordinary is purchased at a rate approximating the open market price at the time purchased.

The silver bullion market in New York opened in 1953 with a quotation of 83-1/4 cents per ounce of 0.999 fineness. Changes in price were made on four days in January, as follows: - January 13, 83-3/4 cents, January 14, 84-1/4 cents, January 15, 84-3/4 cents, and January 16, 85-1/4 cents. The last named quotation remained in effect through the remainder of 1953.

The Philadelphia, San Francisco, and Denver Mints and the New York and Seattle Assay Offices received the following deposits of newly mined domestic silver in 1953:

Newly mined domestic silver received by United States Mints and Assay Offices, calendar year 1953, in fine ounces (to hundredths of an ounce)[1]

Source	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
Alaska	.....	329.41	3.89	1,989.29	33,559.91	35,882.50
Arizona	.....	81.93	.....	.....	.....	81.93
California	.....	24,721.11	12.76	.....	.....	24,733.87
Colorado	.....	.....	19,106.17	.....	.....	19,106.17
Idaho	.....	793,440.18	95.65	.....	1,169.48	794,705.31
Montana	.....	.45	25.68	.....	43.07	69.20
Nevada	.....	2,025.39	17.29	.....	1,894.04	3,936.72
New Mexico	.....	49.79	2.61	.....	.....	52.40
Oregon	.....	50.39	.....	.....	1,839.12	1,889.51
South Dakota	.....	.....	31,913.54	.....	.....	31,913.54
Utah	.....	5.67	.....	.....	11.56	5.67
Washington	.....	.....	.....	.....	.....	11.56
Wyoming	.....	.....	.11	.....	.....	.11
Unallocated	.....	.....	12.12	.....	.....	12.12
Subtotal	.....	820,704.32	51,189.82	1,989.29	38,517.18	912,400.61
Private refineries	7,474,658.79	22,251,362.30	2,788,197.18	.....	1.02	32,514,219.29
Total	7,474,658.79	23,072,066.62	2,839,387.00	1,989.29	38,518.20	33,426,619.90

[1] Includes newly mined silver received at 90.50505 cents per fine ounce (act of July 31, 1946), and also newly mined silver purchased as "bullion ordinary".

United States production of silver in 1953, including deposits made at Government Mints and Assay Offices and the various private refineries during the year, amounted to 37,735,500 fine ounces, compared with 39,840,300 fine ounces in 1952. Idaho was the State of leading production, followed by Utah and Montana. These three States accounted for approximately three-fourths of the total output. Output for the 19 producing States and the Territory of Alaska is shown in the table following. Values shown in the table are calculated at 90.50505 cents per fine ounce.

Production of silver in the United States during the calendar year 1953 (based upon arrivals at United States Mints and Assay Offices and at private refineries)

State in which mined	Fine ounces	Value at $0.9050505 per fine ounce	State in which mined	Fine ounces	Value at $0.9050505 per fine ounce
Alaska	37,000	$33,487	Oregon	11,000	$9,956
Arizona	4,370,000	3,955,071	Pennsylvania	7,700	6,969
California	1,050,000	950,303	South Dakota	137,000	123,992
Colorado	2,400,000	2,172,121	Tennessee	62,900	56,928
Idaho	14,500,000	13,123,232	Texas	600	543
Illinois	2,000	1,810	Utah	7,000,000	6,335,353
Missouri	200,000	181,010	Vermont	44,000	39,822
Montana	6,600,000	5,973,333	Washington	336,000	304,097
Nevada	730,000	660,687	Wyoming	(1)	(1)
New Mexico	210,000	190,061	Total[2]	37,735,500	34,152,533
New York	37,300	33,758			

[1] Less than one fine ounce or $1.00.
[2] Grand total production 1792-1953 amounts to 4,184,669,830 fine ounces. The last published annual summary (1792-1951) appears on page 18 of the 1952 Annual Report.

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REPORT ON GOLD AND SILVER CONSUMPTION IN THE UNITED STATES, CALENDAR YEAR 1953

The official United States Government estimate of consumption of gold and silver in the United States, made annually by the Bureau of the Mint, represents the net quantity of gold and silver issued for domestic industrial, professional, and artistic use. From the total amount issued for such purpose in a given year by Government Mints and Assay Offices, private refiners, and dealers, is deducted the amount of gold and silver in the form of old jewelry, plate, scrap, etc. that are returned to the same concerns during the same period. The statement following summarizes these data for the calendar year 1953.

GOLD AND SILVER ISSUED FOR USE IN INDUSTRY AND THE ARTS IN THE UNITED STATES, CALENDAR YEAR 1953

Item	Gold		Silver
	Fine troy ounces	*Value*	*Fine troy ounces*
Government-stamped bars issued by United States Mints and Assay Offices	1,581,390	$55,348,675	543,900
Bullion in various forms issued by private refiners and dealers	1,629,439	57,030,366	124,845,300
	3,210,829	112,379,041	125,389,200
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	1,067,969	37,379,041	19,389,200
Net amount of material issued	2,142,860	75,000,000	106,000,000

REVIEW OF GOLD AND SILVER MINING INDUSTRY FOR THE CALENDAR YEARS 1952 AND 1953

A review of the gold and silver mining industry in the various States and Alaska, for which acknowledgment is made to the Bureau of Mines, United States Department of the Interior, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

Gold continued to be the commodity with the greatest value of output in Alaska in 1952. Production was 240,557 fine ounces (in terms of recoverable metals) valued at $8,419,495 in 1952, compared to 239,637 fine ounces valued at $8,387,295 in 1951. Rather than a reversal of the general trend downward that has characterized the industry since 1947, this slight increase indicated a stabilization or leveling-off, the main bulk of the gold being produced by a relatively few well-established companies. Of the 32,986 fine ounces of silver valued at $29,854 produced in Alaska in 1952, compared to 32,870 fine ounces valued at $29,749 in 1951, 99 percent was a byproduct of gold placer mining, with the remaining one percent from dry gold ore and old tailings milled and lead ore smelted.

Production of gold was higher than might have been supposed considering the adverse economic conditions under which the gold miners continued to operate, and despite the fact that there was a 15-percent drop in the total number of operations producing gold; 5 operations were classed as lode gold mines, and 119 as placer gold mines in 1952 compared with 6 and 140, respectively, in 1951. Higher-than-ever cost of labor (in competition with high wage rates paid on construction projects under Government contract) and the high cost of materials and supplies coupled with an unchanged established U. S. Treasury price of $35 per fine ounce of gold caused the cessation of activity at numerous gold mining operations and curtailment at others.

The sale of unprocessed or "natural" gold on the open market at prices in excess of $35 per fine ounce apparently was considerably less in volume than in 1951. The recorded production for 1952 included 998 fine ounces of gold contained in natural gold reported by two operators as having been sold on the open market. Specific and accurate data regarding natural gold sales are not readily obtainable. It is possible that some natural gold was produced and sold concerning which no information was available; the quantities involved are believed to be relatively small.

Placer mines accounted for 99.5 percent of the total gold produced in Alaska in 1952. Most of the gold came from a few mines; the 15 leading gold-producing mines (all placer) in Alaska in 1952 yielded 87 percent of the total recorded gold output of the Territory. The leading five producers (all placer and using bucket-line dredges), which supplied 76 percent of the total Alaska output of gold, were in order of output: United States Smelting, Refining & Mining Co., Fairbanks Unit, Fairbanks district; United States Smelting, Refining & Mining Co., Nome Unit, Nome district; New York Alaska Gold Dredging Corp., Aniak district; Callahan Zinc-Lead Co., Tolovana district; and Casa de Paga Gold Co., Fairhaven district. In comparison, in 1951 the 15 leading gold-producing mines (all placer) in Alaska yielded 83 percent of the total recorded gold output, and the 5 leading producers (all using bucket-line dredges) supplied 67 percent of the total Alaskan output.

The leading five producers of gold recovered 75 percent of the total silver output in Alaska in 1952. The most important producer of silver in Alaska in 1952 was the United States Smelting, Refining & Mining Co., which recovered silver as a byproduct of bucket-line dredging operations in the Fairbanks district, Yukon River region, and the Nome district, Seward Peninsula region.

Gold output in Alaska in 1953 increased 5.5 percent above the 1952 output to reach the highest level since 1950. The recorded production of gold was 253,783 fine ounces valued at $8,882,405 in 1953, compared to 240,557 fine ounces valued at $8,419,495 in 1952. Silver output increased 7 percent to 35,387 fine ounces valued at $32,027 in 1953 from 32,986 fine ounces valued at $29,854 in 1952.

The increased output of gold was unexpected considering the high cost of labor and supplies and an unchanged established United States price of $35 per fine ounce of gold.

Part of the increase resulted from the sale of gold during 1953 that had been produced in prior years. The quantity of gold sold on the open market as "natural gold" at prices above $35 per fine ounce was insignificant according to available information. The increased output of silver reflects the increased output of gold because most of the silver was recovered as a byproduct of gold from placer mining.

Three operations classed as lode mines, and 148 operations classed as placer mines produced gold in Alaska in 1953 compared to 6 and 119 respectively in 1952. Placer mines supplied all of the gold in 1953 except for 667 fine ounces produced from lode mines. The leading 5 producers of gold in 1953 (all placer operations using bucket-line dredges) supplied 72 percent (76 percent in 1952) of the Alaskan total gold output. In 1953 the leading 5 operations (listed in order of output) were: United States Smelting, Refining & Mining Company, Fairbanks Unit, 6 dredges in the vicinity of Fairbanks; United States Smelting, Refining & Mining Company, Nome Unit, 3 dredges in the vicinity of Nome; New York Alaska Gold Dredging Corporation, 2 dredges at Nyac; Callahan Zinc-Lead Company, 1 dredge at Livengood; and Alluvial Gold Company, 1 dredge at Woodchopper near Circle.

Bucketline dredges (23 in 1951, 1952, and 1953) operated by 14 companies recovered 78 percent of the total placer gold in 1953 (83 percent in 1952); nonfloating washing plants (gravel is mechanically handled by using bulldozer-dragline-hydraulic equipment either separately or in combination) supplied 21 percent (16 percent in 1952); and hydraulic and small-scale hand operations supplied the remaining 1 percent.

The total production of gold (lode and placer) in Alaska, in terms of recoverable metal, from 1880 through 1953 has been 27,937,150 fine ounces valued at $689,832,306.

Ninety-seven percent of the silver produced in Alaska in 1953 was recovered as a byproduct of gold from placer mining; the remaining 3 percent was recovered from gold ore milled, gold ore and lead ore smelted, and concentrate from cleanup at mills. The leading 5 producers of gold recovered 76 percent (75 percent in 1952) of the total silver output in Alaska in 1953. The United States Smelting, Refining & Mining Company was the principal producer of silver. The company recovered silver as a byproduct of gold from dredging operations in the Fairbanks and Nome districts.

The total production of silver (lode and placer) in Alaska, in terms of recoverable metal, from 1880 through 1953 has been 20,092,829 fine ounces valued at $14,370,767.

ARIZONA

Gold production in Arizona in 1952 was 112,355 fine ounces valued at $3,932,425, a loss of 3,738 ounces (3 percent) from the output of 116,093 fine ounces in 1951 valued at $4,063,255. The loss in production of gold from zinc-lead ore and zinc-copper ore more than offset the gain from copper ore and siliceous ores. Most of the gold, as well as silver, produced in the State is a byproduct of copper ore and zinc-lead ore; in 1952 copper ore yielded 83,692 ounces of gold (74 percent of the State total) compare with 83,521 ounces in 1951 and zinc-lead ore 19,236 ounces (17 percent of the State total) compared with 22,182 ounces in 1951. Zinc-copper ore supplied 5,115 ounces of gold (7,507 ounces in 1951); lead ore and lead-copper ore 264 ounces (297 ounces in 1951); siliceous ores, 2,433 ounces (1,933 ounces in 1951); and zinc ore, 40 ounces (15 ounces in 1951). Old tailings and smelter and mill cleanings supplied 1,505 ounces of gold (482 ounces in 1951), and placers 70 ounces (156 ounces in 1951).

The quantity of gold recovered from lode mines decreased from 115,937 ounces in 1951 to 112,285 ounces in 1952. Concentrates smelted yielded 86,879 ounces of gold; crude ore, old tailings, etc., smelted 25,020 ounces; and ore amalgamated, 386 ounces.

Nearly 92 percent of the State gold output in 1952 came from six districts--Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts decreased from 106,919 ounces in 1951 to 102,939 ounces in 1952. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the

Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the Iron King mine, Yavapai County. the Magma mine, Pinal County; the Morenci branch of the Phelps Dodge Corp., Greenlee County; and the United Verde branch of the Phelps Dodge Corp., Yavapai County. These six properties, all copper mines except the Iron King and part of the Copper Queen, produced more than 91 percent of the State total gold, and four of the six properties, owned by the Phelps Dodge Corp., produced 66 percent of Arizona's gold output in 1952.

The total gold production in Arizona, in terms of recoverable metal, from 1860 through 1952 has been 11,529,260 ounces valued at $291,019,255.

The output of recoverable silver in Arizona in 1952 was 4,701,330 fine ounces valued at $4,254,941, a decrease of 8 percent in quantity and value compared with the 1951 output of 5,120,985 fine ounces valued at $4,634,750. A decline in production of silver from copper ore, zinc-copper ore, zinc-lead ore, lead ore, and siliceous ores in 1952 caused a decrease in Arizona's silver output. In 1952 copper ore yielded 2,900,851 ounces of silver (62 percent of the State total), a decrease of 187,014 ounces (6 percent) from 1951, and zinc-lead ore 1,122,474 ounces (24 percent of the State total), a decrease of 20,722 ounces (2 percent). Zinc-copper ore yielded 458,644 ounces of silver (602,083 ounces in 1951); siliceous ores, 162,804 ounces (248,210 ounces in 1951); lead ore, 20,083 ounces (20,839 ounces in 1951); and zinc-lead-copper ore, zinc ore, and lead-copper ore, 19,763; and old tailings and smelter and mill cleanings, 16,701 ounces. Concentrates smelted yielded 3,421,122 ounces of silver; crude ore, old tailings, etc., smelted, 1,280,062 ounces; and ore amalgamated, 136 ounces. Placers yielded 10 ounces of silver.

About 79 percent of the State total silver in 1952 came from seven districts--Ajo, Big Bug, Copper Mountain (Morenci), Mineral Creek (Ray), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts decreased from 4,143,150 ounces in 1951 to 3,732,069 ounces in 1952. The Phelps Dodge Corp., with 15 percent less output than in 1951, continued to be the chief silver producer in Arizona; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced nearly 50 percent of the State silver output in 1952. Other large silver producers were the Magma, Iron King, Ray (Kennecott Copper Corp.), Flux, Ash Peak, and San Xavier (The Eagle-Picher Co.) properties.

The total silver production in Arizona, in terms of recoverable metal, from 1860 through 1952 has been 322,212,730 ounces valued at $243,986,370.

Gold production in Arizona in 1953 was 112,824 fine ounces valued at $3,948,840, a gain of only 469 ounces over the output of 112,355 fine ounces in 1952, valued at $3,932,425. The increase of 6,032 ounces in production of gold from copper ore more than offset the decrease of 5,335 ounces from lead-zinc ore and copper-zinc ore. Most of the gold, as well as silver, produced in the State was a byproduct of copper ore and lead-zinc ore; in 1953 copper ore yielded 89,724 ounces of gold (80 percent of the State total) compared with 83,692 ounces in 1952 and lead-zinc ore 17,872 ounces (16 percent of the State total) compared with 19,236 ounces in 1952. Copper-zinc ore supplied 1,144 ounces of gold (5,115 ounces in 1952); lead ore 1,339 ounces (262 ounces in 1952); siliceous ores, 2,036 ounces (2,433 ounces in 1952); and zinc ore and copper-lead ore, 18 ounces (42 ounces in 1952). Old tailings and smelter and mill cleanings supplied 582 ounces of gold (1,505 ounces in 1952), and placers 109 ounces (70 ounces in 1952).

The quantity of gold recovered from lode mines increased from 112,285 ounces in 1952 to 112,715 ounces in 1953. Concentrates smelted yielded 84,293 ounces of gold; crude ore, cleanings, and old tailings smelted 28,350 ounces; and ore amalgamated, 72 ounces.

Approximately 93 percent of the State gold output in 1953 came from five districts--Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), and Warren (Bisbee). The output from these districts increased from 98,610 ounces in 1952 to 104,602 ounces in 1953. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the Copper Queen mine

of the Phelps Dodge Corp., Cochise County; the Iron King mine, Yavapai County; the Magma mine, Pinal County; and the Morenci mine of the Phelps Dodge Corp., Greenlee County. These five properties, all copper mines except the Iron King and part of the Copper Queen, produced 93 percent of the State total gold, and three of the five properties, owned by the Phelps Dodge Corp., produced 64 percent of Arizona's gold output in 1953. The United Verde mine of the Phelps Dodge Corp., a large producer of copper, gold, and silver since 1881, was shut down permanently in March, 1953, owing to depletion of ore reserves.

The total gold production in Arizona, in terms of recoverable metal, from 1860 through 1953 has been 11,642,084 ounces valued at $294,968,095.

The output of recoverable silver in Arizona in 1953 was 4,351,429 fine ounces valued at $3,938,263, a decrease of 7 percent in quantity and value compared with the 1952 output of 4,701,330 fine ounces valued at $4,254,941. A decline of 679,321 ounces in production of silver from copper-zinc ore and lead-zinc ore in 1953 more than offset an increase of 263,404 ounces from copper ore. In 1953 copper ore yielded 3,164,255 ounces of silver (73 percent of the State total), an increase of 9 percent over 1952, and lead-zinc ore 827,866 ounces (19 percent of the State total), a decrease of 294,608 ounces (26 percent). Copper-zinc ore yielded 73,931 ounces of silver, a decrease of 384,713 ounces; siliceous ores, 214,650 ounces (162,804 ounces in 1952); lead ore, 52,240 ounces (20,083 ounces in 1952); and zinc ore, copper-lead-zinc ore, and copper-lead ore, 8,797 ounces. Old tailings and smelter and mill cleanings supplied 9,671 ounces of silver, and placers 19 ounces. Concentrates smelted yielded 2,898,909 ounces of silver; crude ore, cleanings, and old tailings smelted, 1,452,476 ounces; and ore amalgamated, 25 ounces.

Ninety percent of the State total silver in 1953 came from eight districts--Ajo, Ash Peak, Big Bug, Copper Mountain (Morenci), Harshaw, Mineral Creek (Ray), Pioneer (Superior), and Warren (Bisbee). The output from these districts increased from 3,810,963 ounces in 1952 to 3,900,934 ounces in 1953. The Phelps Dodge Corp., with 10 percent less output than in 1952, continued to be the chief silver producer in Arizona; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 48 percent of the State silver output in 1953. Other large silver producers were the Magma, Iron King, Ray (Kennecott Coppef Corp.), Flux (American Smelting & Refining Co.), and Ash Peak properties.

The total silver production in Arizona, in terms of recoverable metal, from 1860 through 1953 has been 326,564,159 ounces valued at $247,924,633.

CALIFORNIA

Continuing the downward trend begun in 1948, California mines in 1952, under the pressure of high operating costs and with an unchanged price for the metal, yielded 24 percent less gold than in 1951. Silver, principally produced incidental to other metals reflected the slump in the State base-metal output and fell 4 percent below 1951.

The production of recoverable gold from California lode and placer material in 1952 was 258,176 fine ounces (including a small quantity in "natural gold" sold on the open market) valued at $9,036,160 compared to 339,732 fine ounces valued at $11,890,620 in 1951. In 1952, 141 lode mines produced 115,833 ounces of gold valued at $4,054,155 and 108 placer mines contributed 142,343 ounces valued at $4,982,005. In 1951, 173 lode mines produced 152,108 ounces of gold valued at $5,323,780 and 121 placer mines produced 187,624 ounces valued at $6,566,840.

Of the gold output from lode mines, 96 percent was recovered from gold ore, 2 percent from lead ore, 1 percent from zinc ore, and the remainder from gold-silver ore, copper ore, lead-copper ore, zinc-lead ore, tungsten ore, and tailings and miscellaneous lode material. Metallurgical data show that 61 percent of the lode gold in 1952 was recovered by amalgamation of ore and old tailings, 26 percent by cyanidation of ore and old tailings, 7 percent by smelting of concentrates, and 6 percent by smelting ore, old tailings, flue dust, pyritic ore residue and tungsten ore residue.

Following are 1952 data on placer mining, 1951 figures are given in parentheses: Floating dredges of the bucket line type washed 49,881,800 (68,714,600) cubic yards of gravel and recovered 131,806 (175,870) ounces of gold valued at $4,613,210 ($6,155,450). Dragline dredges--those having a floating washing plant to which gravel is delivered by a dragline excavator--washed 1,447,700 (1,363,000 cubic yards of gravel which yielded 6,655 (6,652) ounces of gold valued at $232,925 ($232,820). Nonfloating washing plants, to which gravel was delivered by mechanical means, and used for straight gold dredging, washed 11,600 (99,900) cubic yards of gravel. Gold recovered at all nonfloating washing plants, including commercial rock plants and tungsten mines (which produced 786 (606) ounces of gold) amounted to 1,462 (2,210) ounces of gold valued at $51,170 ($77,350). Hydraulic mines supplied 409 (440) ounces of gold valued at $14,315 ($15,400) from 53,100 (55,000)cubic yards of gravel washed. Suction dredges accounted for 305 (717) ounces of gold valued at $10,675 ($25,095) from 74,100 (180,500) cubic yards of gravel, and drift mines produced 130 (222) ounces of gold valued at $4,550 (7,770) from 3,700 (2,800) cubic yards of gravel. Small scale, hand operated equipment, was used to produce 1,576 (1,513) ounces of gold valued at $55,160 ($52,955).

Nevada County was the leading producer of gold among the California counties, largely from lode mining. Sacramento County ranked second and Yuba County, third, owing to the productivity of dredges. Sierra County and Kern County followed in order principally from lode gold produced.

The principal gold producers in California in 1952, listed by operators in order of output, were: The Natomas Co., Sacramento County (dredges): Yuba Consolidated Gold Fields Yuba unit, Yuba County (dredges); Idaho Maryland Mines Corp., and Empire Star Mines Co., Ltd., both in Nevada County (gold ore); and the Original Sixteen to One Mine, Inc., Sierra County (gold ore).

Output of silver from California ores, old tailings and miscellaneous lode material and gravels in 1952 was 1,099,658 fine ounces valued at $995,246, compared with 1,145,219 fine ounces valued at $1,036,481 in 1951. Of the lode silver, 57 percent was recovered from zinc-lead ore, 20 percent from lead ore, 13 percent from zinc ore, 5 percent from gold ore, 3 percent from old tailings and miscellaneous lode material, 1 percent from gold-silver ore and 1 percent from silver ore, copper ore and lead-copper ore, together. Nearly 1 percent of the State total silver in 1952 was derived from gravels, worked primarily for gold. Smelting of concentrates yielded 74 percent of the lode silver recovered in California, smelting of ore, old tailings and miscellaneous lode material, 22 percent, cyanidation of ore and old tailings, 3 percent, and amalgamation of ore and old tailings, 1 percent.

The principal silver producers in California in 1952, listed by operators in order of output, were: Anaconda Copper Mining Co., Darwin group, Inyo County (zinc-lead ore and lead ore); Anaconda Copper Mining Co. Shoshone group, Inyo County (lead ore); Coronado Copper & Zinc Co., Shasta County (zinc ore); and New Penn Mines, Inc., successor to Penn Chemical Co., Inc., Calaveras County (zinc ore).

The California gold yield in 1953 decreased 9 percent below the 1952 output as the price of gold was unchanged and mining costs remained at a high level, which limited profitable operation to a relative few properties. Silver, principally a byproduct metal of base-metal ores reflected the decline in base-metal output and decreased 6 percent in quantity and value compared with 1952.

The production of recoverable gold from California lode and placer material in 1953 was 234,591 fine ounces (including a small quantity in "natural gold" sold on the open market) valued at $8,210,685 compared to 258,176 fine valued at $9,036,160 in 1952. In 1953, 150 lode mines produced 111,245 ounces of gold valued at $3,893,575 and 123 placer mines yielded 123,346 ounces of gold valued at $4,317,110. During 1952, 141 lode mines produced 115,833 ounces of gold valued at $4,054,155 and 108 placer mines produced 142,343 ounces of gold valued at $4,982,005.

Of the gold output from lode mines, 98 percent was recovered from gold ore, 1 percent from silver ore, copper ore, copper-zinc ore, lead ore and lead-zinc ore, combined, and 1 percent from old tailings, slag and tungsten ore, combined. Metallurgical data

show that 67 percent of the lode gold in 1953 was recovered by amalgamation of ore and old tailings, 19 percent by cyanidation of ore and old tailings, 13 percent by smelting of concentrates, and 1 percent by smelting ore, old tailings and slag.

Following are 1953 data on placer mining: Floating dredges of the bucket-line type washed 45,528,800 cubic yards of gravel and recovered 119,022 ounces of gold valued at $4,165,770. Dragline dredges--those having a floating washing plant to which gravel is delivered by a dragline excavator--washed 302,600 cubic yards of gravel and produced 935 ounces of gold valued at $32,725. Nonfloating washing plants to which gravel was delivered by mechanical means and used for straight gold dredging, washed 40,800 cubic yards of gravel which yielded 566 ounces of gold valued at $19,810. Gold recovered at all nonfloating washing plants in California, including byproduct gold at commercial rock plants and tungsten mines amounted to 1,143 ounces valued at $40,005. Hydraulic mines produced 469 ounces of gold valued at $16,415 from 216,200 cubic yards of gravel. Suction dredges accounted for 341 ounces of gold valued at $11,935 from 87,700 cubic yards of gravel, and the gold output from drift mines was 165 ounces valued at $5,775 derived from 3,330 cubic yards of gravel. Small scale, hand operated equipment was used to produce 1,271 ounces of gold valued at $44,485 from 76,500 cubic yards of gravel.

Nevada County ranked first among the California gold-producing counties owing largely to lode mining in the Grass Valley-Nevada City district. Sacramento County was second due to the productivity of dredges in the American River district and the yield from dredges in the Yuba River district placed Yuba County in third position. Sierra County and El Dorado County followed in order principally because of lode gold produced in the Alleghany district and the East Belt district, respectively.

The principal gold producers in California in 1953, listed by operators in order of output were: The Natomas Co., Sacramento County (dredges); Yuba Consolidated Gold Fields, Yuba County (dredges); Empire Star Mines, Ltd., Nevada County (gold ore); Idaho Maryland Mines Corp., Nevada County (gold ore); and Original Sixteen to One, Inc., Sierra County (gold ore).

Output of silver from California ores, old tailings and other lode material, and gravels in 1953 was 1,036,372 fine ounces, valued at $937,969, compared with 1,099,658 fine ounces valued at $995,246 in 1952. Of the lode silver, 66 percent was derived from lead-zinc ore, 29 percent from lead ore, 3 percent from gold ore, 1 percent from silver ore, copper ore, copper-zinc ore, and tungsten ore, combined, and 1 percent from old tailings and slag. Less than 1 percent of the total silver produced in the State in 1953 was a byproduct of placer methods carried on principally for gold. Smelting of concentrates contributed 67 percent of the lode silver recovered in California, smelting of ores, old tailings and slag 31 percent, cyanidation of ore and old tailings, 1 percent, and amalgamation of ore and old tailings, 1 percent.

The principal silver producers in California in 1953, listed by operators in order of output, were: Anaconda Copper Mining Co., Inyo County (lead ore and lead-zinc ore); Defense Mine, Inyo County (lead ore); Idaho Maryland Mines Corp., Nevada County (gold ore); Empire Star Mines, Ltd., Nevada County (gold ore); and U. S. Vanadium Co., Inyo County (tungsten ore).

COLORADO

The mine production of gold in Colorado in 1952 was 124,594 fine ounces valued at $4,360,790 compared with 116,503 ounces valued at $4,077,605 in 1951. The Cripple Creek district regained its usual rank as the State's largest gold-producing district, as the new 1,000-ton Carlton custom mill of the Golden Cycle Corporation, which treats the ore, operated a full calendar year for the first time; the output, however, was not as large as could be expected owing to a shortage of underground labor and other continued unfavorable economic conditions for gold mining. The increase in gold output

from the Cripple Creek district more than offset a heavy decrease in Park County caused by the shutdown on January 15 of the South Platte gold dredge at Fairplay. The Cripple Creek, Upper San Miguel, Leadville, and Animas districts together contributed 89 percent of the State total output of gold.

Except in the Cripple Creek district, virtually all the gold-bearing ores of Colorado contain commercial quantities of lead and silver and at many places of zinc and copper also. In recent years the combined value of the zinc, lead, and copper recovered has greatly exceeded that of the gold and silver, which formerly predominated in value. Zinc-lead and complex zinc-lead-copper-gold-silver ores yielded 49 percent of the State total gold in 1952; dry gold and silver ores 47 percent; placer mines 2 percent; and other ores, old slag and clean-up material 2 percent. The leading gold-producing properties, in order of rank, were: Ajax group (Golden Cycle Corp.) at Cripple Creek, Treasury Tunnel-Black Bear group (Idarado) in San Miguel County, Resurrection group at Leadville, Smuggler Union group (Telluride Mines) at Telluride, and Cresson group at Cripple Creek.

Silver production in 1952 totaled 2,813,643 fine ounces valued at $2,546,489--an increase over 1951 of 25,761 ounces valued at $23,315. Districts producing more than 100,000 ounces of silver in 1952 were Upper San Miguel, Red Cliff (Battle Mountain), Leadville, Animas, Grand Island (Caribou), Creede, Rico, and Iron Springs. These eight districts produced 87 percent of the State total output of silver. Zinc, zinc-lead, and complex zinc-lead-copper-gold-silver ores yielded 68 percent of the total silver; dry gold and silver ores 28 percent; and other ores, old slag, old tailings, mill clean-ups, and placer gravel 4 percent. The five leading producers of silver were the Treasury Tunnel-Black Bear (Idarado) group in San Miguel County, Eagle mine at Gilman in Eagle County, Caribou mine at Nederland in Boulder County, Resurrection group at Leadville in Lake County, and the Shenandoah-Dives-Silver Lake group near Silverton in San Juan County.

The Carlton custom mill of the Golden Cycle Corp. at Cripple Creek was the only large mill in Colorado that treated straight gold ore. It employs roasting (in fluosolids reactor) and cyanidation to recover gold from the gold-pyrite flotation concentrate, with cyanidation and carbon precipitation used on the flotation tailings. The bulk of the lead, lead-zinc, and complex gold-silver-copper-lead-zinc ores were concentrated in flotation mills, some of which used jigs in the ball mill-classifier circuit to recover coarse gold for amalgamation. Ore treated by all the mills in 1952 totaled 1,526,106 tons, from which were recovered 66,435 ounces of gold and 17,411 ounces of silver in bullion shipped direct to the mint, and 54,162 ounces of gold and 2,550,667 ounces of silver in concentrates (usually containing their principal value in base metals) shipped to smelters. Ore and clean-up material shipped direct to smelters totaled 22,709 tons yielding, in recovered metals 1,817 ounces of gold, 245,220 ounces of silver, 393,148 pounds of copper, 2,168,225 pounds of lead, and 13,745 pounds of zinc. Placer mines produced 2,180 ounces of gold and 345 ounces of silver.

The total production of recovered gold and silver in Colorado from 1858 through 1952 has been 39,855,129 fine ounces of gold valued at $888,806,479 and 747,984,031 fine ounces of silver valued at $583,460,287.

The mine production of gold in Colorado decreased to 119,218 fine ounces valued at $4,172,630 in 1953 from 124,594 ounces valued at $4,360,790 in 1952. Economic conditions continued to be unfavorable for straight gold or gold-silver mining, as wages and the cost of supplies and equipment have risen greatly since World War II, and there has been no change in the domestic price of gold since 1934 or in silver since 1947.

The Cripple Creek district, producing straight gold ore, contributed 43 percent of the State total gold in 1953. Other formerly important gold-producing districts in Boulder, Clear Creek, Gilpin, La Plata, Park, and Rio Grande Counties remained idle or had only scattered small-scale operations. The Upper San Miguel district in San Miguel County, producing complex ore carrying commercial quantities each of gold, silver, copper, lead, and zinc, supplied 33 percent of the total gold, and the Leadville

district, also producing mostly complex ore, with lead and zinc predominating, contributed 8 percent. The remaining 16 percent came mostly from complex and base-metal ores from Eagle, Ouray, San Juan, and Mineral Counties. The quantities of these ores mined decreased, as the prices of lead and zinc again declined, and the average yearly price of lead was the lowest since 1946 and that of zinc since 1945. Placer gold produced totaled only 1,629 ounces, of which 1,559 ounces was recovered as a byproduct at commerical sand and gravel plants in Adams, Boulder, and Jefferson Counties and the rest came from scattered small placer mines.

The leading gold-producing properties, in order of rank, were: Treasury Tunnel-Black Bear group (Idarado) in San Miguel County, Ajax group (Golden Cycle Corp.) at Cripple Creek, Smuggler Union (Telluride Mines) at Telluride, Cresson mine at Cripple Creek, and Resurrection at Leadville.

Production of silver in 1953 totaled 2,200,317 fine ounces (lowest since 1933) valued at $1,991,398 compared with 2,813,643 ounces valued at $2,546,489 in 1952. The decrease was due to the drop in tonnage of lead and zinc and complex gold-silver-copper-lead-zinc ores mined; these ores and minor quantities of lead-bearing clean-up material yielded 74 percent of the State total silver in 1953. The remaining 26 percent was contained in dry gold and silver ores, except for a small quantity recovered from placer gold.

San Miguel County led in silver production and was followed by Eagle, Lake, Mineral, San Juan, and Dolores Counties, all of which produced more than 100,000 ounces. The leading silver-producing properties were the Treasury Tunnel-Black Bear (Idarado) in San Miguel County, Eagle (Empire Zinc) at Gilman in Eagle County, Resurrection group at Leadville, Emperius at Creede, Smuggler Union (Telluride Mines) at Telluride, and Rico Argentine at Rico. Except for a relatively small quantity contained in gold bullion shipped to the mint, the silver produced in Colorado is marketed along with lead, copper, gold, and zinc as one of the valuable constituents of concentrates or ore sold to smelters.

The bulk of the gold ore produced in 1953 came from mines and dumps in the Cripple Creek district and was treated in the 1,000-ton Carlton flotation-cyanidation mill of the Golden Cycle Corp. Of the other ores treated, comprising chiefly lead-zinc, zinc, and complex gold-silver-copper-lead-zinc ores, 94 percent came from the Battle Mountain (Gilman) and Leadville districts and the San Juan region and was treated in flotation mills. Some of the mills used jigs in the ball mill-classifier circuit to recover coarse gold by amalgamation. Of the total lode-gold produced, 20,632 ounces was recovered by amalgamation and 51,195 ounces by cyanidation, all sold direct to the mint; 42,040 ounces was contained in concentrates (usually carrying their principal value in base metals), and 3,722 ounces in crude ore, both sold to smelters. Lode material treated to recover gold, silver, copper, lead, and zinc totaled 1,204,517 tons, and the total value of the five metals was $22,190,543 in 1953, compared with 1,548,815 tons and $35,920,619 in 1952. Placer gold and silver produced in 1953 was valued at $57,237 and in 1952 at $76,612.

The total production of recovered gold and silver in Colorado from 1858 through 1953 has been 39,974,347 fine ounces of gold valued at $892,979,109 and 750,184,348 fine ounces of silver valued at $585,451,685.

IDAHO

Idaho gold production in 1952 was 32,997 fine ounces, valued at $1,154,895. This output was smaller than for any year since 1945 and represented a 27 percent decline from the 1951 total. Gold and gold-silver ores yielded 73 percent of the gold produced in 1952; placer operations supplied 13 percent; zinc-lead ore, 7 percent; and silver, copper, and lead ores, most of the remainder.

The decrease in gold production in 1952 was due chiefly to the suspension of operations from June through December by the Bradley Mining Co. at its Yellow Pine anti-

mony-gold mine, Stibnite, Valley County, Despite the shutdown, attributed to low antimony prices, the operation was the largest producer of gold in the State in 1952. Other leading producers were Talache Mines, Inc. from the Boise-Rochester Group, Middle Boise district, Elmore County, and Duvall Co. from the Virginia Group, Blackpine district, Cassia County. Warren Dredging Co., working the Yankee Fork placer, Custer County, and the Tyee Mining Co. and Clearwater Dredging Co., both operating in the Elk City district, Idaho County, were the largest producers of placer gold.

The total production of gold in Idaho, in terms of recoverable metal, from 1863 through 1952 has been 8,209,727 fine ounces valued at $190,129,848.

Idaho's output of silver in 1952 was 14,923,165 fine ounces with a value of $13,506,218. This was 170,142 fine ounces greater than the 1951 production. Idaho maintained its position as the largest silver producing State - a rank held since 1933. Shoshone County mines, Coeur d'Alene region, produced 92 percent of the State's silver output in 1952.

About 67 percent of silver produced came from silver ore and most of the rest from zinc-lead ore. A small amount of silver (1,587 fine ounces) was recovered by placer operations.

The five largest producers, all located in the Coeur d'Alene mining region, produced 73 percent of the State's silver in 1952. The mines were, in order of output, Sunshine mine and Polaris mine, both operated by the Sunshine Mining Co., the Bunker Hill mine of Bunker Hill and Sullivan Mining and Concentrating Co.; the Silver Summit mine, Polaris Mining Co.; and St. Germaine, worked by Sunshine Mining Co.

The total production of silver in Idaho, in terms of recoverable metal, from 1863 through 1952 has been 598,100,530 fine ounces valued at $429,277,072.

Idaho's gold production in 1953 was 17,630 fine ounces, valued at $617,050. Recovery of the metal decreased sharply for the third consecutive year, and the annual yield fell below 20,000 ounces for the first time since 1945. The decline of 47 percent compared to 1952 can be attributed largely to the closing in mid-1952 of the Yellow Pine antimony-gold mine at Stibnite, Valley County, the largest single producer of gold in the State during recent years. Listed in order of magnitude, the principal producing firms in 1953, each exceeding 1,000 fine ounces in output, were: Duval Co., Cassia County (Virgnia group of lode claims); Clearwater Dredging Co., Idaho County (bucket-line dredge); Talache Mines, Inc., Elmore County (Boise-Rochester lode mine); and Tyee Mining Co., Idaho County (dragline dredge). On October 15, a further curtailment in gold production in Idaho occurred when Talache Mines, Inc. placed the Boise-Rochester operation on a standby basis. In December, a group of former employees leased the mine and began operating the mine on a limited scale.

Lode mines continued as the principal source of gold, supplying 67 percent of the State total. Of the gold produced from lode mines, 65 percent was recovered from gold ore, 17 percent from lead-zinc ore, and most of the remainder from silver and copper ores. In contrast to the decrease in the quantity of gold from lode mines, production from placers advanced 36 percent. This increase was due in part to the output of the Clearwater Dredging Co., which late in 1952 began operating a bucket-line dredge on the Crooked River near Elk City.

The total production of gold in Idaho, in terms of recoverable metal, from 1863 through 1953, has been 8,217,357 fine ounces valued at $190,746,898.

The output of silver in Idaho in 1953 totaled 14,639,740 fine ounces with a value of $13,249,704. This represented a decrease of 2 percent compared to 1952. The State maintained first position nationally in the production of silver. Shoshone County contributed 93 percent of Idaho's output.

The Sunshine Mining Co. mined 12 percent more silver ore from the Sunshine mine and adjoining areas operated for affiliated firms under a profit-sharing agreement, but the grade of ore was lower than in 1952, causing a slight reduction in the quantity of silver recovered. About 60 percent of the silver produced in the State was supplied by the Sunshine Mining Co. and the Polaris Mining Co., which operated the Silver Summit property. The Bunker Hill lead-zinc mine of Bunker Hill & Sullivan Mining & Concen-

trating Co. also was an important source of silver. Of the State total, slightly more than 60 percent was recovered from silver ore, 31 percent from lead-zinc ore, and most of the remainder from lead ore.

Total production of silver in Idaho, in terms of recoverable metal, from 1863 through 1953 has been 612,740,270 fine ounces valued at $442,526,776.

MISSOURI

Production of silver in Missouri is dependent upon the refining of base bullion obtained from the smelting of southeast Missouri lead and lead-copper ores. No value is given for silver in the sale of lead concentrates as the amount of contained silver is so small (approximately one or two ounces per ton of concentrate) and not all the base bullion is desilverized.

There were 517,432 fine ounces of silver recovered from the refining of southeast Missouri pig lead (base bullion) which was valued at $468,302. This recovery was nearly three times the 184,425 fine ounces recovered in 1951 having a value of $166,913. The St. Joseph Lead Company, the largest lead producer in the United States for the 45th consecutive year, was the largest silver producer in Missouri in 1952. Silver was likewise recovered from lead-copper ores of this region.

Recovery of silver in Missouri amounted to 359,781 fine ounces in 1953, a decrease of 30 percent from the 517,432 fine ounces recovered in 1952. In the refining of lead bullion and smelter residue derived from southeastern Missouri concentrates, 356,326 fine ounces of silver were recovered while 3,455 fine ounces were recovered from Missouri lead-copper concentrates.

There is no record of any gold recovery from Missouri from 1907 to date.

MONTANA

Gold production from Montana mines in 1952 amounted to 24,161 fine ounces with a value of $845,635. The output was 21 percent less than in 1951 and was the lowest recorded in the State's mining history. Recovery of gold has declined continuously since 1947. The peak gold production year in the twentieth century was 1940, when the output for the State reached 272,602 fine ounces. Only 78 fine ounces was recovered from placer mines in 1952. Most of the gold from lode mines came from zinc-lead and copper ores; gold and gold-silver ores supplied only 27 percent of the total gold production.

Leading gold producers, supplying 83 percent of the State total, were the Butte Hill operations of Anaconda Copper Mining Co.; the Estelle mines of the McLaren Gold Mines Co., New World district, Park County; and the Marget Ann mine of Mitchell Mining Co., Summit Valley district, Silver Bow County.

The total production of gold in Montana, in terms of recoverable metal, from 1862 through 1952 was 17,374,487 fine ounces valued at $392,560,257.

The output of silver in 1952 totaled 6,138,185 fine ounces, valued at $5,555,367, a decrease of four percent compared to 1951 production. Almost all of the silver was recovered as a byproduct from base metal ores; 66 percent came from zinc-lead and 25 percent from copper ore. Decreased production of zinc-lead ore from the Butte Hill mines of Anaconda Copper Mining Co. lead to the drop in silver production in the State in 1952. Butte mines and dumps yielded 88 percent of the State's total silver. Most of the remainder came from the following properties, listed in order of output: Marget Ann, Mitchell Mining Co., Silver Bow County; Scratch Awl, Countact Mining Co., Granite County; Algonquin, Trout Mining Division of American Machine and Metals, Inc., Granite County; Alta, Lahey Leasing Co., Jefferson County; Mike Horse, American Smelting and Refining Co., Lewis and Clark County; True Fissure, Taylor-Knapp Co., Granite County; Elkhorn Queen, New Elkhorn Queen Mining Co., Jefferson County; and Cornucopia, Henry A. Shute, Madison County.

The total production of silver in Montana, in terms of recoverable metal, from 1862 through 1952 has been 787,856,454 fine ounces valued at $582,107,188.

The mine output of gold in Montana in 1953 comprised 24,768 fine ounces valued at $866,880. Production increased by 3 percent, reversing a series of annual declines which began in 1948. The advance reflected a gain in output from placer mines, which produced 1,223 fine ounces in 1953 compared to only 78 fine ounces in 1952. The output of lode mines, which contributed 95 percent of the State total, declined by 2 percent.

The Anaconda Copper Mining Co. recovered byproduct gold from copper and lead-zinc ores mined at Butte and continued as the principal producer of gold in the State, followed by the Mitchell Mining Co. operation at the Marget Ann gold-silver property near Butte. The leading placer operation was located on Josephine Creek in the Nine Mile mining district of Missoula County.

Of the gold produced from lode mines, 89 percent was derived from base metal ores and 11 percent from gold and silver ores.

The total production of gold in Montana, in terms of recoverable metal, from 1862 through 1953, has been 17,399,255 fine ounces valued at $393,427,137.

Mine production of silver in Montana in 1953 was 6,689,556 fine ounces having a value of $6,054,386. The output increased 9 percent in quantity and value over the 1952 yield, due principally to increased output of silver recovered from copper ore mined at the Butte Hill properties of the Anaconda Copper Mining Co. The Anaconda firm supplied from its Butte copper and lead-zinc mines more than 90 percent of the silver produced in Montana during 1953.

Lead-zinc ores yielded 67 percent of the State's silver in 1953, copper ores supplied 31 percent, and gold and silver ores accounted for most of the remainder.

The total production of silver in Montana, in terms of recoverable metal, from 1862 to 1953 has been 794,546,010 fine ounces valued at $588,161,574.

NEVADA

With Nevada lode gold mines still largely quiescent in 1952, the State gold yield continued to fall, decreasing 3 percent below 1951. Silver output closely related to the State lead and zinc production, which declined in 1952, dropped 4 percent below 1951 and established a new low for the metal in Nevada for the past 53 years.

Gold recovered from Nevada lode materials and gravels in 1952 was 117,203 fine ounces valued at $4,102,105, compared with 121,036 fine ounces valued at $4,236,260 in 1951. The yield of silver in 1952 was 941,195 fine ounces valued at $851,829, compared with 981,669 fine ounces valued at $888,460 in 1951.

The leading Nevada gold mines in 1952, listed by operating company and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); the Natomas Co., Lander County (dredging); London Extension Mining Co., Lander County (gold ore); Consolidated Coppermines Corp., White Pine County (copper ore); Round Mountain Gold Dredging Co., Nye County (placer).

Sources of the gold recovered follow: Copper ore, 51 percent; placer gravel, 28 percent; gold ore, 16 percent; zinc-lead ore, 3 percent and all other lode material, 2 percent. Metallurgical data show that nearly 75 percent of the lode gold was recovered by smelting concentrates, 22 percent by cyaniding ore and old tailings, 3 percent by direct smelting of ore, old tailings and slag. Less than 1 percent of the total gold was recovered by amalgamating ore and old tailings.

Nevada silver was recovered from the following sources in 1952: Zinc-lead ore, 55 percent; copper ore, 18 percent; lead ore, 16 percent; silver ore, 6 percent; zinc ore, 2 percent; zinc-lead-copper ore, 1 percent; placer gravels, 1 percent; and gold ore, gold-silver ore, lead-copper ore, zinc-copper ore, and old tailings and slag, together, 1 percent. Of the total lode material treated, smelting of concentrates yielded 84 percent of the silver produced in Nevada in 1952: nearly 16 percent came from the direct smelting of ore, old tailings and slag and less than 1 percent was recovered by cyaniding ore and old tailings and amalgamating ore and old tailings.

The principal silver mines in Nevada in 1952, listed by operating company, in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Copper

Canyon Mining Co., Lander County (zinc-lead ore); Kennecott Copper Corp., (Nevada Mines Division), White Pine County (copper ore); Mohawk Mine and Mill, Esmeralda County (silver ore); and the New World Exploration and Development Co., Elko County (lead and zinc ores).

Both precious-metal lode mining and placer mining continued to wane in Nevada during 1953 and gold output fell 13 percent below the 1952 yield. Silver production followed the downward trend which began in 1950 and decreased 26 percent compared to 1952, reaching the lowest output recorded in Nevada during the period 1880 to 1953.

The production of gold from Nevada lode materials and gravels in 1953 was 101,799 fine ounces, valued at $3,562,965, compared to 117,203 fine ounces valued at $4,102,105 in 1952. Silver output in 1953 was 697,086 fine ounces valued at $630,898, compared to 941,195 fine ounces, valued at $851,829 in 1952.

Gold was recovered from the following sources: Copper ore, 60 percent; gold ore, 20 percent; placer gravel, 16 percent; lead-zinc ore, 2 percent; manganese ore, 1 percent; and gold-silver ore, silver ore, copper-lead-zinc ore, lead ore and miscellaneous lode material, combined, 1 percent. Metallurgical data show that 73 percent of the lode gold was recovered by smelting concentrates; 22 percent by cyaniding ore and old tailings; 4 percent by direct smelting of ore, old tailings and miscellaneous lode material; and 1 percent by amalgamating ore and old tailings.

The leading Nevada gold mines in 1953, listed by operating company and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); London Extension Mining Co., Lander County (gold ore); and the Natomas Co., Lander County (dredging).

Nevada silver was recovered from the following sources in 1953: Lead-zinc ore, 35 percent; copper ore, 27 percent; manganese ore, 13 percent; lead ore, 9 percent; copper-lead-zinc ore, 5 percent; old tailings, slag and residue, nearly 5 percent; silver ore, 4 percent; gold ore, 1 percent; gold-silver ore, 1 percent; and placer gravel, a fraction of 1 percent. The smelting of concentrates yielded nearly 73 percent of the lode silver produced in Nevada in 1953; 27 percent came from the direct smelting of ores and other lode materials; and a fraction of 1 percent was contributed by amalgamation of ore and tailings and cyanidation of ore and tailings, combined.

The principal silver mines in Nevada in 1953, listed by operating company in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore and manganese ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); and Bristol Silver Mines Co., Lincoln County (copper-lead-zinc ore and manganese ore).

NEW MEXICO

In 1952, as in other years since World War II, there was little activity in straight gold and silver mining in New Mexico, owing mainly to the high cost of labor and materials compared with the fixed price of gold. The quantity of straight gold and silver ores mined (804 tons) was the least recorded since tabulation of individual mine production was begun in 1904. The output of gold in 1952 was 2,949 fine ounces valued at $103,215, the lowest in quantity recorded during the 84 years (1869-1952) for which figures are available. Production in 1951 was 3,959 ounces valued at $138,565. The output of silver in 1952 was 479,318 fine ounces valued at $433,807 compared with 443,267 ounces valued at $401,179 in 1951. Base-metal ores and old tailings, chiefly copper, zinc, and zinc-lead ores, yielded 95 percent of the total gold and more than 99 percent of the silver in 1952.

The decrease in gold production in 1952 from 1951 was due largely to a decline in the quantity of gold recovered from copper ore and the drop from 3,243 to 804 tons in the quantity of gold and silver ores mined. None of the individual mines was a large producer of gold. Mines producing chiefly copper and zinc in the Central district of

Grant County and copper in the Lordsburg district of Hidalgo County contributed 73 percent of the State total gold in 1952. Only 2 ounces of gold were recovered from placer mines and 136 ounces from lode mines worked for gold and silver. Most of the gold ore came from the Hillsboro district in Sierra County.

The increase in silver output in 1952 resulted from the mining of larger tonnages of base-metal ores that yielded silver as a byproduct. Zinc and zinc-lead ores, mostly from the Central district, yielded 80 percent of the total silver; copper ore, largely from the Lordsburg and Central districts, 16 percent; and other ores, old tailings, and mill clean-ups from various districts 4 percent. The leading producers of silver were the Ground Hog and Bayard zinc-lead mines in Grant County, the Lynchburg zinc-lead mine in Socorro County, and the Bonney-Miser's Chest and Atwood copper mines in Hidalgo County.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1952 has been 2,202,966 fine ounces of gold valued at $50,438,003, and 70,450,259 fine ounces of silver valued at $55,384,761.

The New Mexico mine output of gold, which in 1952 had fallen to the lowest level in 84 years, decreased further in 1953. Gold recovered, mostly a by-product from base-metal ores, totaled 2,614 fine ounces valued at $91,490 compared with 2,949 ounces valued at $103,215 in 1952. Small tonnages of gold or gold-silver ore were shipped from mines and prospects in the Cooney district near Mogollon, Catron County, and the Hillsboro and Tierra Blanca districts, Sierra County. Some gold was recovered in the Hillsboro district from gold ore mined in previous years and treated in 1953, and in the Nogal district, Lincoln County, from gold ore treated for testing. Gold and silver ores yielded 319 ounces of gold in 1953; copper ore 1,593 ounces; lead and zinc ores and mill clean-ups 697 ounces, and placer mines 5 ounces. None of the individual mines produced as much as 1,000 ounces of gold.

Silver production decreased to 205,309 fine ounces valued at $185,815 in 1953 from 479,318 ounces valued at $433,807 in 1952. The decrease was due to the heavy decline in tonnage of zinc and zinc-lead ores mined; these ores yielded 80 percent of the State total silver in 1952 and only 44 percent in 1953. A further decline in the price of zinc led to the closing of all the mines producing zinc and zinc-lead ores by October 1. Copper ore yielded 52 percent of the total silver in 1953 and only 16 percent in 1952. Dry gold and silver ores, lead ore, and mill cleanups yielded 4 percent of the silver in 1953. The leading producers of silver were the Banner Mining Co. Miser's Chest copper mine in the Lordsburg district, the Bayard (United States Smelting, Refining & Mining Co.) zinc-lead group in the Central district, and the Atwood copper mine in the Lordsburg district.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1953 has been 2,205,580 fine ounces of gold valued at $50,529,493 and 70,655,568 fine ounces of silver valued at $55,570,576.

OREGON

Oregon's mines in 1952 yielded 5,509 fine ounces of gold valued at $192,815. This output was smaller than in any year since the close of World War II. Mine production of gold was 31 percent less than in 1951 and 71 percent less than in 1947, the peak year in the postwar period. The decline of gold production in the State in 1952 was due in large part to the suspension of dredging operations in the Granite district, Grant County, by Porter and Co. late in 1951.

About 83 percent of Oregon's 1952 gold output was recovered by the Powder River Dredging Co., which operated its electrically-powered bucket dredge throughout the year near Sumpter, Baker County. Two lode mines, the Buffalo mine of Boaz Mining Co., near Granite in Grant County, and the Champion mine, opeated by Harold E. L. Barton, in the Bohemia district, Lane County, accounted for nine percent of the State's gold production. The balance came from 11 lode and 24 placer mines, most of which

were worked for short periods in the course of prospecting and development work by individuals.

Total production of gold in Oregon, in terms of recoverable metal, from 1852 through 1952 has been 5,748,264 fine ounces valued at $129,152,283.

Silver output in 1952 totaled 4,037 fine ounces valued at $3,654. Production was 35 percent less than in 1951. Of the silver produced in 1952, 64 percent came from the Buffalo mine; 26 percent from Powder River Dredging Co. placer operations; 9 percent from the Champion mine, and 1 percent from small lode and placer mines.

The total production of silver in Oregon, in terms of recoverable metal, from 1852 through 1952 has been 5,298,375 fine ounces valued at $4,861,232.

Oregon's gold production in 1953 totaled 8,488 fine ounces valued at $297,080, an increase of 54 percent compared to 1952 when the annual yield dropped to an all-time low except for the years during World War II. The gain in production in 1953 was credited principally to an advance by the Powder River Dredging Co., the major gold producer in Oregon, which operated a Yuba-type bucket-line dredge on the Powder River near the town of Sumpter, Baker County, supplying 82 percent of the gold recovered in the State during the year. Although the amount of gravel processed by the dredge declined considerably, the average value of the material in gold and silver increased from 6 cents per cubic yard in 1952 to 11 cents in 1953. Production of gold from the Buffalo lode mine, operated in Grant County by James P. Jackson, lessee, also increased compared to 1952. A total of 21 placer and 8 lode mines producing gold were reported active in Oregon, but the Powder River dredging operation and the Buffalo mine were the only substantial sources of metal. The placers supplied 86 percent of the production.

Total production of gold in Oregon, in terms of recoverable metal, from 1852 through 1953 has been 5,774,350 fine ounces valued at $130,065,291.

Silver output in 1953 was 12,259 fine ounces, valued at $11,095, more than three times the quantity produced in 1952. Increased production from the Buffalo mine, the principal producer of silver, accounted for the increase. The Powder River Dredging Co. also recovered a substantial quantity of silver.

From 1852 through 1953, the total production of silver in Oregon, in terms of recoverable metal, has been 5,317,561 fine ounces valued at $4,877,924.

SOUTH DAKOTA

South Dakota lode mines produced 482,534 fine ounces of gold and 132,102 fine ounces of silver in 1952. Output in 1951 was 458,101 fine ounces of gold and 139,590 fine ounces of silver. In 1952, production was valued at $16,888,690 for gold and $119,559 for silver. For several years the value of newly mined domestic gold and silver has been calculated respectively at $35.00 and $0.9050505+ per fine ounce.

In 1952, production of gold and/or silver was reported from 6 lode mines. In 1951, production was from 5 lode mines and 3 small placer mines. However, for a number of years the Homestake Mining Co. and the Bald Mountain Mining Co. have been the State's important producers.

November 5, 1952 marked the 75th year of operation by the Homestake Mining Co. as a corporation. According to the company annual report at the end of 1952, around 81 million tons of ore had been mined, including 6 million from adjacent properties prior to their consolidation with the company. The company's records from 1878 through 1952 show a total production of 20,651,806 ounces of gold and 4,990,000 ounces of silver. Construction and remodeling of the new crushing plant at the Yates shaft were completed during 1951. The new crushing plants, with changes in the grinding section of the South Mill, will allow the company to discontinue use of stamps. Sixty stamps have already been taken out of the circuit. No labor difficulties were experienced during the year. Light jackhammers and carbide bits are now used exclusively in the mine. The Bald Mountain Mining Co. operated its Portland, Dakota and Clinton group of mines (classed as one mine) and 370 ton all-sliming cyanide mill continuously during the year.

Production of gold and silver in South Dakota during 1953 increased 11 and 5 percent respectively over the previous year, totaling 534,987 fine ounces of gold and 138,642 fine ounces of silver. Output in 1952 was 482,534 fine ounces of gold and 132,102 fine ounces of silver.

The value of these metals produced in 1953 was $18,724,545 for gold and $125,478 for silver. These figures compare with $16,888,690 for gold and $119,559 for silver in 1952. Gold and silver were valued at $35 and $0.9050505, respectively for both 1952 and 1953.

In 1953 three companies operated four underground mines, accounting for all of the production of gold and silver in the State. No production of gold or silver has been reported from placer operations since 1951. The Homestake Mining Company was the State's largest producer. During the year this company started deepening of the Yates & Ross shafts and preparations were being made for sinking a new interior shaft below the 5,000 foot level which level at present is the deepest in the mine. The company reports that at least an additional two years' work will be required on this major lower level project before significant additions to the reserves can be expected. The company completed installation of its three new grinding units which resulted in the final elimination of all stamps. In the mine, change-over to light drills was completed and replacement of high-pressure air haulage for electric haulage was started. Operations were continuous throughout the year. The Bald Mountain Mining Company, the State's other large producer, operated its Portland, Dakota and Clinton group of mines (classed as one mine) and 370-ton all-sliming cyanide mill continuously during the year. The labor supply was reported to be adequate by both of the above companies. The third producer was the American Mining & Smelting Company which reported several small shipments of gold-silver-lead ore from the Spokane mine and the Silver Queen mine.

TEXAS

Gold production in Texas in 1952 amounted to 39 fine ounces, valued at $1,365 while in 1951, 32 fine ounces were produced having a value of $1,103.

There were 4,672 fine ounces of silver reported from Texas in 1952, valued at $4,228, compared to 1,381 fine ounces valued at $1,250 in 1951. It is probable that some of this silver was recovered from ores produced in 1951 as most of the base metal mining from which the silver was recovered had been abandoned about August due to low metal prices. The gold and silver were recovered principally from lead-silver and lead-copper ores produced in the southwest part of the State.

No gold or silver was reported from Texas in 1953 as all base mining was suspended for the entire year because of low metal prices.

UTAH

The mine production of gold in Utah in 1952 was 435,507 fine ounces (all from lode mines) valued at $15,242,745. The output was 3,291 ounces (nearly 1 percent) greater than the 1951 output of 432,216 ounces valued at $15,127,560. The output in 1952 was 22 percent above the annual average of the 10-year period (1942-51), and the State ranked second in gold output (exceeded only by South Dakota). Most of the gold produced in Utah is a byproduct of copper ore, and in 1952 this class of ore yielded 403,279 ounces of gold--11,879 ounces (3 percent) greater than in 1951. Zinc-lead ore supplied 27,763 ounces of the State's gold in 1952, a decrease of 5,726 ounces (17 percent) from 1951; siliceous ores, 3,165 ounces (4,886 ounces in 1951); lead ore and lead-copper ore, 742 ounces (984 ounces in 1951); and old tailings and smelter cleanings, 558 ounces (1,457 ounces in 1951). Nearly all of the gold recovered from copper ore came from the West Mountain (Bingham) district and 94 percent of the gold recovered from zinc-lead ore came from the Park City region and West Mountain (Bingham) district.

Of the total gold in 1952, 93 percent came from copper ore, 6 from zinc-lead ore, and most of the remainder from silver ore, gold-silver ore, and lead ore. The West

Mountain (Bingham) district supplied 417,607 ounces (96 percent) of the total gold, the Park City region 13,827 ounces (3 percent), and the Tintic district 2,942 ounces (nearly 1 percent). Output of gold in the West Mountain (Bingham) district increased 10,411 ounces (more than 2 percent) over 1951, but in the Park City region it declined 4,649 ounces (25 percent), and in the Tintic district 2,040 ounces (41 percent). Concentrates smelted yielded 430,792 ounces of the total gold, crude ore smelted 4,161 ounces, and old tailings and smelter cleanings smelted 554 ounces.

The leading gold producers in Utah in 1952--each with an output of more than 1,000 ounces of recoverable metal--were as follows: Utah Copper mine and United States & Lark group in the West Mountain (Bingham) district; the property of the New Park Mining Co. in the Park City region; Chief Consolidated No. 1 mine in the Tintic district; and Park Utah Consolidated property in the Park City region. These five properties furnished 99 percent of the State gold.

The total production of gold in Utah, in terms of recoverable metal, from 1864 through 1952, has been 13,072,394 ounces valued at $357,758,830.

The mine output of silver in Utah in 1952 was 7,194,109 fine ounces valued at $6,511,032--a decrease of more than 1 percent in quantity and value from 7,310,665 ounces valued at $6,616,521 in 1951. A substantial decrease in output of silver from lead ore and siliceous ores and old tailings in 1952 more than offset the increase in output from copper ore and zinc-lead ore. Although Utah's silver output in 1952 was 4 percent below the yearly average of the 10-year period (1942-51), the State continued to rank second in silver output (exceeded only by Idaho). In 1952 the West Mountain (Bingham) district supplied 5,338,291 ounces (74 percent) of the total silver, the Park City region 861,563 ounces (12 percent), and the Tintic district 666,345 ounces (9 percent). Output of silver in the West Mountain (Bingham) district increased 415,042 ounces (8 percent) over 1951, but in the Park City region it declined 269,797 ounces (24 percent), and in the Tintic district 278,473 ounces (29 percent).

Copper ore supplied 3,284,470 ounces (nearly 46 percent) of the State's total silver--103,201 ounces (3 percent) more than in 1951--and zinc-lead ore 3,197,137 ounces (44 percent)--96,628 ounces (3 percent) more than in 1951. Siliceous gold and silver ores yielded 551,483 ounces of silver (573,917 ounces in 1951); lead ore, 72,178 ounces (233,428 ounces in 1951); and zinc ore and lead-copper ore, 496 ounces (523 ounces in 1951). Old tailings and smelter cleanings supplied 88,345 ounces of silver (221,019 ounces in 1951). Nearly 100 percent of the silver recovered from copper ore came from the West Mountain (Bingham) district and 91 percent of the silver recovered from zinc-lead ore came from the Park City region, Tintic district, and West Mountain (Bingham) district. Concentrates smelted yielded 6,474,234 ounces of the total silver, crude ore smelted 632,347 ounces, and old tailings and smelter cleanings smelted 87,528 ounces.

Utah properties that produced more than 175,000 ounces of recoverable silver each in 1952 were as follows: Utah Copper mine, United States & Lark group, Chief Consolidated No. 1 mine, and the Butterfield, New Park, Ontario, Park Utah Consolidated, and Calumet properties. These eight producers contributed 93 percent of the State silver.

The total production of silver in Utah, in terms of recoverable metal, from 1864 through 1952, has been 763,311,342 ounces valued at $564,033,233.

The mine production of gold in Utah in 1953 was 483,430 fine ounces valued at $16,920,050. The production was 47,923 ounces (11 percent) greater than the 1952 output of 435,507 ounces valued at $15,242,745. The production in 1953 was the greatest for any year in the State's history and 33 percent above the annual average of the 10-year period (1943-52); the State continued to rank second in gold output (exceeded only by South Dakota). Of the total gold produced in Utah in 1953, 91 percent was a byproduct of copper ore; this class of ore yielded 441,623 ounces of gold in 1953--38,344 ounces (9.51 percent) more than in 1952. Lead-zinc ore supplied 36,008 ounces (7 percent) of the State's gold in 1953, an increase of 8,245 ounces (30 percent) over 1952; siliceous

ores, 4,212 ounces (3,165 ounces in 1952); lead ore and copper-lead ore, 252 ounces (742 ounces in 1952); old tailings, slag, and smelter cleanings, 1,326 ounces (558 ounces in 1952); and placers 9 ounces (0 in 1952). All, except 24 ounces, of the gold recovered from copper ore came from the West Mountain (Bingham) district, and 95 percent of the gold recovered from lead-zinc ore came from the Park City region and West Mountain (Bingham) district.

The West Mountain (Bingham) district supplied 450,882 ounces (93 percent) of the total gold, an increase of 8 percent over 1952; the Park City region 27,919 ounces (6 percent), approximately double that in 1952; and the Tintic district 3,264 ounces (about 1 percent), an 11-percent gain over 1952. Concentrates smelted yielded 477,603 ounces of the total gold, crude ore smelted 4,233 ounces, and old tailings, slag, and smelter cleanings smelted 1,585 ounces.

The leading gold producers in Utah in 1953--each with an output of more than 1,000 ounces of recoverable metal--were as follows: Utah Copper mine (Kennecott Copper Corp.) in the West Mountain (Bingham) district; the property of the New Park Mining Co. in the Park City region; the United States & Lark group in the West Mountain (Bingham) district; Chief Consolidated No. 1 mine in the Tintic district; and the West Calumet mine in the Rush Valley district. These five properties furnished 99 percent of the State gold.

The total production of gold in Utah, in terms of recoverable metal, from 1864 through 1953, has been 13,555,824 ounces valued at $374,678,880.

The mine production of silver in Utah in 1953 was 6,725,807 fine ounces valued at $6,087,195--a decrease of 6.51 percent in quantity and value from 7,194,109 ounces valued at $6,511,032 in 1952. A decrease of 709,807 ounces in production of silver from lead-zinc ore in 1953 more than offset the increase of 275,940 ounces from copper ore and siliceous ores and old tailings. Although Utah's silver output in 1953 was 6 percent below the yearly average of the 10-year period (1943-52), the State continued to rank second in silver output (exceeded only by Idaho). In 1953 the West Mountain (Bingham) district supplied 5,027,419 ounces (75 percent) of the total silver, a decrease of 6 percent from 1952; the Park City region 802,036 ounces (12 percent), a decrease of 7 percent; and the Tintic district 580,209 ounces (9 percent), a decrease of 13 percent.

Copper ore supplied 3,412,050 ounces (51 percent) of the State's total silver--127,580 ounces (4 percent) more than in 1952--and lead-zinc ore 2,487,330 ounces (37 percent)--709,807 ounces (22 percent) less than in 1952. Siliceous gold and silver ores yielded 586,628 ounces of silver (551,483 ounces in 1952); and lead ore, 39,344 ounces (72,178 ounces in 1952). Old tailings, slag, and smelter cleanings supplied 200,454 ounces of silver (88,345 ounces in 1952). Virtually all of the silver recovered from copper ore came from the West Mountain (Bingham) district and 97 percent of the silver recovered from lead-zinc ore came from the Park City region, Rush Valley district, Tintic district, and West Mountain (Bingham) district. Concentrates smelted yielded 5,896,071 ounces of the total silver, crude ore smelted 629,281 ounces, old tailings, slag, and smelter cleanings smelted 200,454 ounces, and placers 1 ounce.

Utah properties that produced more than 150,000 ounces of recoverable silver each in 1953 were as follows: Utah Copper mine, United States & Lark group, Chief Consolidated No. 1 mine, and the New Park, Ontario waste dump, Calumet, and Butterfield properties. These seven producers contributed 94 percent of the State silver.

The total production of silver in Utah, in terms of recoverable metal, from 1864 through 1953, has been 770,037,149 ounces valued at $570,120,428.

WASHINGTON

Gold produced from Washington mines in 1952 totaled 54,776 fine ounces valued at $1,917,160. Output of the metal decreased 19 percent compared with 1951. The 1952 figure was the smallest yearly total since 1947.

Almost 99 percent of the gold recovered came from Chelan and Ferry County mines, in north-central Washington. The largest producers were, in order of their output, Knob Hill mines, Knob Hill Mines, Inc., Republic district, Ferry County; Holden mine of Howe Sound Co., Chelan Lake district, Chelan County; and Gold King mine, Lovitt Mining Co., Wenatchee River district, Chelan County. About 65 percent of the State's gold was recovered from gold ore and most of the remainder from zinc-copper ore. Only three ounces of gold was recovered by placer mining.

Total production of gold in Washington in terms of recoverable metal, from 1860 through 1952, has been 2,570,002 fine ounces valued at $68,705,393.

The mine output of silver amounted to 315,645 fine ounces with a value of $285,674, a decrease of 6 percent in quantity from the 334,948 fine ounces produced in 1951. About 77 percent of the silver came from Chelan and Ferry Counties and 22 percent from Pend Oreille and Stevens Counties, in the northeastern corner of the State. The Knob Hill mine was the largest producer, followed by the Holden mine; the Bonanza mine of Anaconda Copper Mining Co., Bossburg district, Stevens County; the Pend Oreille mine of Pend Oreille Mines and Metals Co., Metaline district, Pend Oreille County; and the Gold King mine.

About 52 percent of Washington's silver output was obtained from gold ore, 26 percent from zinc-copper ore, and 14 percent from zinc-lead ore; smaller amounts of silver were obtained from lead ore and old lead tailings, zinc ore, copper ore, and silver ore.

The total production of silver in Washington, in terms of recoverable metal, from 1860 through 1952, has been 14,871,542 fine ounces valued at $10,957,311.

In 1953, Washington's mines yielded 62,560 ounces of gold valued at $2,189,600. Production increased 8 percent compared to 1952, due to substantial gains in output of gold ore from the Knob Hill mine, Knob Hill Mines, Inc., Ferry County, and the Gold King mine of Lovitt Mining Co., Chelan County, which more than offset a decrease in production from the Holden mine. The latter property, operated in Chelan County by Howe Sound Co., supplied copper-zinc ore with gold an important byproduct. The three mines contributed 98 percent of the State's gold production. The principal source of the remaining 2 percent was copper-zinc ore from the Alder group, Okanogan County. Gold was contained also in lead-zinc ores mined in Pend Oreille and Stevens Counties. Gold ore supplied nearly 74 percent of the State total and base metal ore accounted for 26 percent. A small quantity of the metal was recovered from placer properties.

The total production of gold in Washington, in terms of recoverable metal, from 1860 through 1953, has been 2,632,562 fine ounces valued at $70,894,993.

Mine output of silver in 1953 totaled 321,202 fine ounces with a value of $290,704, an increase of 2 percent in quantity and value compared to 1952. As in the case of gold, increased production from the Knob Hill and Gold King mines accounted for the advance by offsetting a decline in silver output by the Holden property. About 78 percent of the State's production in 1953 was supplied by the three mines, with the Knob Hill mine continuing as by far the largest producer.

Of the State total, 59 percent came from gold ore, 21 percent from copper-zinc ore, and nearly all the remainder from lead-zinc and zinc ores.

From 1860 through 1953, production of silver in terms of recoverable metal has totaled 15,192,744 fine ounces valued at $11,248,015.

WYOMING

The only output of gold and silver reported from Wyoming in 1952 was 1.32 ounces of gold dust containing 1.12 fine ounces of gold (rounded to 1 fine ounce worth $35 for statistical purposes) and 0.11 fine ounce of silver (omitted in rounded production statistics). The gold dust was recovered from the Las Vegas placer in the Atlantic City district, Fremont County.

Gold mining in Wyoming during the 10-year period ended with 1952 consisted of small-scale intermittent operations except in 1947, when the Carissa mine in the Atlantic City district, equipped with a 70-ton amalgamation-cyanidation mill, produced 1,455 ounces of gold and 84 ounces of silver, valued altogether at $51,000.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1952 has been 80,041 fine ounces of gold valued at $1,909,763, and 74,821 fine ounces of silver valued at $51,914.

The only production of gold in Wyoming in 1953 was 1 ounce valued at $35 recovered from the Hermit Creek placer in the South Pass district of Fremont County. Silver production totaled 11 ounces valued at $10, recovered from copper ore shipped from the Joycie claim in the Bosler area of Albany County.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1953 has been 80,042 fine ounces of gold valued at $1,909,798, and 74,832 fine ounces of silver valued at $51,924.

STATES EAST OF THE MISSISSIPPI

ILLINOIS, NEW YORK, PENNSYLVANIA, AND VERMONT (1952)

Mines in Illinois, New York, Pennsylvania, and Vermont produced in 1952 a total of 1,662 fine ounces of gold valued at $58,170 and 97,284 fine ounces of silver valued at $88,046. Output from these States in 1951 totaled 2,335 fine ounces of gold, valued at $81,725 and 105,908 fine ounces of silver valued at $95,852.

Illinois: Illinois mines yielded 3,781 ounces of silver in 1952, all of which was recovered in the smelting of lead concentrates produced as a co- or by-product with fluorspar from properties in southern Illinois. The principal producer was the Ozark-Mahoning Company which operated several fluorspar mines and its all-flotation custom mill at Rosiclare, Hardin County. The State's output of silver in 1951 was 3,465 ounces.

Maryland: No gold or silver was reported produced in Maryland in 1952. In 1951 production of one ounce of gold was credited to the Maryland mine in Montgomery County.

New York: Silver is recovered as a by-product from smelting lead concentrates produced at the Balmat mine of the St. Joseph Lead Company in St. Lawrence County. Production in 1952 totaled 38,895 ounces compared with 47,568 ounces in 1951. The drop in output was due principally to a labor strike which closed the Balmat mine from July 1 through September 14.

Pennsylvania: All the gold and silver produced in Pennsylvania for a number of years has been from the Cornwall mine of the Bethlehem Steel Company in Lebanon County. The chief products of the mine, which has been operated since the middle of the 18th century, are iron and copper. Output of gold and silver in 1952 was 1,500 ounces and 9,247 ounces, respectively. In 1951 production was 2,179 ounces of gold and 13,575 ounces of silver. The nation-wide steel strike which halted iron mining at the property in mid-summer of 1952 was the major factor contributing to the decline in output as compared with 1951.

Vermont: The Vermont Copper Company, only active producer of gold, silver, and copper in the State in 1952, operated its Elizabeth mine and 500-ton flotation mill in Orange County throughout the year. Copper ore treated yielded 162 ounces of gold and 45,361 ounces of silver compared with 156 ounces of gold and 41,300 ounces of silver in 1951.

GEORGIA

Output of gold in 1953 was 2 fine ounces valued at $59. No output was reported in 1952. This gold was obtained from stream gravel deposits by Homer Mundy, Gainesville, from the Boles Mine in Gwinnett County.

ILLINOIS, NEW YORK, PENNSYLVANIA, VERMONT, AND VIRGINIA (1953)

Mines in Illinois, New York, Pennsylvania, Vermont, and Virginia, produced in 1953 a total of 1,305 fine ounces of gold valued at $45,675, and 89,005 fine ounces of silver valued at $80,554. Output from these States in 1952 totaled 1,662 fine ounces of gold valued at $58,170, and 97,284 fine ounces of silver valued at $88,046.

Illinois: Illinois mines yielded 2,338 ounces of silver in 1953, all of which was recovered in the smelting of lead concentrates produced as a co- or by-product with fluorspar from properties in southern Illinois. As in previous years the principal producer was the Ozark-Mahoning Co. which operated several fluorspar mines in Hardin County and its all-flotation custom mill at Rosiclare. The State's output of silver in 1952 was 3,781 ounces. Labor strikes at the mines during the summer months of 1953 resulted in loss of production and accounted in part for the decline in silver output from the 1952 level.

New York: Silver is recovered as a by-product from smelting lead concentrates produced at the Balmat mine and mill of the St. Joseph Lead Co. in St. Lawrence County. Production in 1953 totaled 35,398 ounces compared with 38,895 ounces in 1952. The mine and mill were operated six days a week, three shifts per day, throughout 1953.

Pennsylvania: All the gold and silver produced in Pennsylvania for a number of years has come from the Cornwall Mine of the Bethlehem Steel Co. in Lebanon County. The chief products of the mine, which has been operated since the middle of the Eighteenth Century, are iron and copper. Output of gold and silver in 1953 was 1,134 ounces and 6,972 ounces, respectively. In 1952 production was 1,500 ounces of gold, and 9,247 ounces of silver.

Vermont: The Vermont Copper Co. continued in 1953 to be the only active producer of gold, silver, and copper in the State. The company operated its Elizabeth Mine and flotation mill in Orange County throughout the year. Copper ore treated yielded 171 ounces of gold and 43,128 ounces of silver, compared with 162 ounces of gold and 45,361 ounces of silver in 1952. Improvements at the property during the year included expansion of mill capacity from 800 tons per day to 950 tons.

Virginia: A total of 1,169 ounces of silver was recovered as a by-product of lead-zinc mining in Virginia during 1953.

TENNESSEE

Production from Tennessee in 1952 was 241 fine ounces of gold, valued at $8,435 and 57,569 fine ounces of silver valued at $52,103. In 1951, the output totaled 111 ounces of gold valued at $3,885 and 24,960 ounces of silver valued at $22,590, indicating increases in 1952 over 1951 in output and value of 117 percent for gold and 131 percent for silver. Of the 1951 total, 3 ounces valued at $105 was produced in Georgia.

In 1952, all of the gold reported was obtained as a by-product of copper mining operations and was recovered from slimes in the electrolytic refining of the copper. No other lode gold was produced in the southeastern States, nor was there reported any gold output from placer operations. By-product gold in 1952, as in other recent years, came from the sulphide ores mined by the Tennessee Copper Company in Polk County, Tennessee.

All of the silver produced in 1952 was recovered as a by-product from sulphide ores concentrated by the Tennessee Copper Company from its group of five mines in the Copperhill-Ducktown area in southeastern Tennessee.

Output from Tennessee in 1953 totaled 293 fine ounces of gold, valued at $10,255 and 68,935 fine ounces of silver valued at $62,390. In 1952, production totaled 241 ounces of gold valued at $8,435 and 57,569 fine ounces of silver valued at $52,103, indicating increases in 1953 over 1952 in output and value of 22 percent for gold and 20 percent for silver.

All of the gold reported in 1953 was recovered as a by-product of copper mining. The by-product gold in 1953, as in other recent years, was obtained from the sulphide ores mined by the Tennessee Copper Company in Polk County, Tennessee. No placer gold was reported from Tennessee in 1953.

Silver produced in 1953 was recovered as a by-product from the sulphide ores concentrated by the Tennessee Copper Company from mines in the Copperhill area in Polk County, in the southeastern part of the State. No placer silver was reported.

Distribution of gold and silver production of the United States, in fine ounces, for 1952, by sources of production (Table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines: Floating bucket-line dredges	Placer mines: All other	Dry and siliceous ores[1]	Lead ores[2]	Copper ores
Alaska	1,267	198,524	40,766	32,753	233	.....
Arizona	112,285	.....	70	162,814	1,628,949	2,909,567
California	115,833	131,806	10,537	85,896	1,001,735	12,027
Colorado	122,414	[3] 1,897	283	795,891	2,017,501	251
Idaho	28,676	2,359	1,962	9,935,220	4,980,129	7,816
Missouri	.....	.....	.....	.....	517,432	.....
Montana	24,083	.....	78	382,355	4,214,482	1,541,348
Nevada	84,124	[3] 33,015	64	74,656	692,182	174,357
New Mexico	2,947	.....	2	1,398	392,585	85,335
Oregon	613	4,371	325	3,675	.....	362
South Dakota	482,534	.....	.....	131,767	335	.....
Texas	39	.....	.....	.....	4,466	206
Utah	435,507	.....	.....	624,849	3,278,472	3,290,788
Washington	54,773	.....	3	163,472	152,136	37
Wyoming	.....	.....	1	.....	.....	.....
States east of the Mississippi	[4] 1,903	.....	.....	.....	42,676	[4] 112,177
Total	1,466,998	372,172	54,091	12,394,746	18,923,313	8,134,271

[1] Includes small quantity of silver from placer mines (55,046 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by nonfloating washing plants included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Includes magnetite-pyrite ore.

Distribution of gold and silver production of the United States, in fine ounces, for 1953, by sources of production (Table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines: Floating bucket-line dredges	Placer mines: All Other	Dry and siliceous ores[1]	Lead ores[2]	Copper ores
Alaska	667	197,701	55,415	34,585	802	.....
Arizona	112,715	.....	109	215,556	966,111	3,169,762
California	111,245	119,022	4,324	43,940	982,699	9,733
Colorado	117,589	[3] 1,218	411	562,545	1,637,654	118
Idaho	11,743	3,865	2,022	8,884,677	5,731,634	23,429
Missouri	.....	.....	.....	.....	399,781	.....
Montana	23,545	.....	1,223	98,738	4,502,764	2,088,054
Nevada	85,489	[3] 16,262	48	47,318	369,759	280,009
New Mexico	2,609	.....	5	3,580	93,896	107,833
Oregon	1,199	6,935	354	12,187	.....	72
South Dakota	534,987	.....	.....	138,042	600	.....
Texas	.....	.....	.....	.....	.....	.....
Utah	483,421	.....	9	769,988	2,531,930	3,423,889
Washington	62,531	.....	29	190,104	130,553	545
Wyoming	.....	.....	1	.....	.....	11
States east of the Mississippi	[4] 1,598	.....	.....	.....	38,905	[4] 119,035
Total	1,549,338	345,003	63,950	11,001,260	17,347,088	9,222,490

[1] Includes small quantity of silver from placer mines (47,325 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by nonfloating washing plants included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Includes magnetite-pyrite ore.

ADDENDA TO ANNUAL REPORT OF THE DIRECTOR OF THE MINT FISCAL YEAR ENDED JUNE 30, 1954

TABLE 1.--United States coins manufactured, fiscal year 1954

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces	Gross weight in short tons[1]
Half dollars:						
Regular design	$6,105,204.50	$3,600,700.00	$15,268,790.00	$24,974,694.50	49,949,389	690
Commemorative design[2]	6,003.00	56,011.50	6,003.00	68,017.50	136,035	
Quarter dollars	12,051,102.25	3,303,000.00	14,948,500.00	30,307,602.25	121,230,409	835
Dimes	9,016,840.90	4,076,000.00	15,246,700.00	28,339,540.90	283,395,409	781
5-cent pieces	3,282,012.50	1,192,200.00	3,635,283.00	8,109,495.50	162,185,910	894
1-cent pieces	2,284,632.50	908,400.00	5,154,500.00	8,347,532.50	834,753,250	2,862
Total	32,745,795.65	13,141,311.50	54,259,776.00	100,146,883.15	1,451,654,402	6,062

[1] Metals consumed totaled 6,062 tons, including 2,076 tons of silver, 3,620 tons of copper, 223 tons of nickel, and 143 tons of zinc and tin.
[2] Booker T. Washington-George Washington Carver design.

TABLE 2.--Foreign coins manufactured for other countries by United States Mints, fiscal year 1954

Country and denomination	Number of coins manufactured			Composition	Gross weight per coin	Total gross weight
	Philadelphia Mint	San Francisco Mint	Total[1]			
					Grams	*Short tons*
Costa Rica:						
10 centimos	5,290,000	.....	5,290,000	Chromium, stainless steel.	1.75	10
5 centimos	9,040,000	.....	9,040,000	....do	.875	9
Total	14,330,000	.....	14,330,000	....do	.....	19
Cuba:						
1 peso	1,000,000	.....	1,000,000	900 silver, 100 copper	26.7295	29
50 centavos	2,000,000	.....	2,000,000	....do	12.5	28
Total	3,000,000	.....	3,000,000	.....	.....	57
Dominican Republic:						
10 centavos	750,000	.....	750,000	900 silver, 100 copper	2.5	2
El Salvador:						
50 centavos	.....	3,000,000	3,000,000	900 silver, 100 copper	5	16
25 centavos	.....	14,000,000	14,000,000	....do	2.5	39
10 centavos	.....	1,268,628	1,268,628	70 copper, 18 zinc, 12 nickel	7	10
5 centavos	.....	2,000,000	2,000,000	....do	5	11
Total	.....	20,268,628	20,268,628	.....	.....	76
Grand total	18,080,000	20,268,628	38,348,628	.....	.....	154

[1] No foreign coins were manufactured by the Denver Mint during the fiscal year 1954.

TABLE 3.--Shipments of United States coins for circulation by the Bureau of the Mint, fiscal year 1954[1]

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Standard silver dollars	9,280,000	$9,280,000.00	273
Half dollars	18,218,177	9,109,088.50	251
Quarter dollars	70,490,448	17,622,612.00	486
Dimes	170,816,433	17,081,643.30	471
5-cent pieces	131,611,355	6,580,567.75	725
1-cent pieces	812,975,355	8,129,753.55	2,786
Total	1,212,991,788	67,799,667.10	4,992

[1] Includes 100,322 sets of proof coins sold.

TABLE 4.--Uncurrent and mutilated United States coins, including assay pieces, returned to Mint institutions and melted, fiscal year 1954

Class and denomination	Number of pieces	Face value
Gold:		
Double eagles	3,890	$77,800.00
Eagles	1,401	14,010.00
Half eagles	1,924	9,620.00
$3 pieces	4	12.00
Quarter eagles	858	2,145.00
$1 pieces	39	39.00
Total gold	8,116	103,626.00
Silver:		
Trade dollars	.....	.....
Standard dollars	498,034	498,034.00
Half dollars	694,313	347,156.50
Quarter dollars	2,259,535	564,883.75
20-cent pieces	28	5.60
Dimes	3,929,138	392,913.80
Half dimes	184	9.20
3-cent pieces	264	7.92
Total silver	7,381,496	1,803,010.77
Nickel:		
5-cent pieces	1,197,585	59,879.25
3-cent pieces	160	4.80
1-cent pieces	354	3.54
Total nickel	1,198,099	59,887.59
Copper:		
1-cent pieces	296	2.96
1/2-cent pieces	.....	.....
Total copper	296	2.96
Bronze and copper-zinc:		
2-cent pieces	184	3.68
1-cent pieces	5,330,625	53,306.25
Total bronze and copper-zinc	5,330,809	53,309.93
Copper-silver-manganese 5-cent pieces	355,578	17,778.90
Zinc-coated steel 1-cent pieces	5,646,252	56,462.52
Total minor	12,531,034	187,441.90
Grand total	19,920,646	2,094,078.67

TABLE 5.--Analysis of monetary assets and liabilities of the Bureau of the Mint on June 30, 1954

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Fort Knox Depository	Total
ASSETS							
Gold bullion	$2,467,056.49	$591,930,580.48	$5,875,866,240.00	$2,971,736,270.01	$1,531,749.47	$12,483,414,764.30	$21,926,946,660.75
Silver bullion	193,385,952.21	805,375,931.32	164,335,445.20	687,761,580.34	5,025.01	.....	1,850,864,834.08
Silver coin	161,776,792.70	19,107,422.60	30,579,550.80	45,685,000.00	.....	.....	257,148,766.10
Minor coin	1,217,757.51	943,368.80	363,892.92	.....	.....	.....	2,525,019.23
Unclassified cash	8,213.50	643.57	833.99	734.93	.....	.....	10,425.99
Minor coinage metal	229,783.56	179,042.16	247,655.48	.....	.....	.....	656,481.20
Reimbursable losses on melted coin	321.14	820.19	47.57	281.62	.....	.....	1,470.52
Total assets	359,085,877.11	1,417,537,809.12	6,071,393,665.96	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,038,153,657.87
LIABILITIES							
Bullion fund	358,850,694.98	1,417,354,298.16	6,071,107,850.56	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,037,449,149.38
Minor coinage metal fund	230,186.13	183,510.96	285,815.40	.....	.....	.....	699,512.49
Unapplied receipts	4,996.00	.....	.....	.....	.....	.....	4,996.00
Total liabilities	359,085,877.11	1,417,537,809.12	6,071,393,665.96	3,705,183,866.90	1,537,674.48	12,483,414,764.30	24,038,153,657.87

TABLE 6.--Gold transactions of the Bureau of the Mint, fiscal year 1954, in fine ounces (to thousandths of an ounce)

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of fiscal year 1954.....	112,106.982	16,428,683.532	166,948,372.460	101,563,337.999	71,483.903	356,668,993.278	641,792,978.154
2. Increases during the fiscal year 1954:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined.....	9.785	124,511.737	90,263.520	23.446	286,350.489	.....	501,158.977
(b) Refined.....	.....	44,617.732	804,515.840	106,222.340	6.763	.....	955,362.675
	9.785	169,129.469	894,779.360	106,245.786	286,357.252	.....	1,456,521.652
(2) U.S. gold coins received and melted.....	556.716	598.004	234.194	3,610.679	3.798	.....	5,003.391
(3) Deposits of scrap gold from domestic sources[1].....	41,247.943	16,649.842	45,922.750	111,957.867	3,949.789	.....	219,728.191
(4) Transfers from other Mint institutions.....	.....	318,107.845	.....	53,843.678	.....	.....	371,951.523
(5) Other[2].....	196.253	116.608	851.134	245,612.862	27.391	.....	246,804.248
Total increases.....	42,010.697	504,601.768	941,787.438	521,270.872	290,338.230	.....	2,300,009.005
3. Decreases during the fiscal year 1954:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold.....	20,618.411	20,027.520	7,901.642	918,125.546	.....	.....	966,673.119
(b) Exchanged for scrap gold deposits from domestic sources.....	8,909.771	.....	.....	.....	.....	.....	8,909.771
	29,528.182	20,027.520	7,901.642	918,125.546	.....	.....	975,582.890
(2) Gold bars exchanged for gold deposits other than domestic scrap.....	.....	.....	.....	116,821.350	.....	.....	116,821.350
(3) Transfers to other Mint institutions.....	53,843.678	.....	.....	50.000	318,057.845	.....	371,951.523
(4) Other[3].....	257.740	955.478	365.691	16,142,861.136	.....	.....	16,144,440.045
Total decreases.....	83,629.600	20,982.998	8,267.333	17,177,858.032	318,057.845	.....	17,608,795.808
4. Gold held at close of fiscal year 1954.....	70,488.079	16,912,302.302	167,881,892.565	84,906,750.839	43,764.288	356,668,993.278	626,484,191.351

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stabilization Fund for the Treasury Department.

TABLE 7.--Gold transactions of the Bureau of the Mint, fiscal year 1954, value at $35 per fine ounce

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of fiscal year 1954	$3,923,721.31	$575,003,923.63	$5,843,193,036.62	$3,554,716,829.64	$2,501,937.15	$12,483,414,764.30	$22,462,754,212.65
2. Increases during the fiscal year 1954:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined	342.47	4,357,910.82	3,159,223.05	820.59	10,022,266.12	.....	17,540,563.05
(b) Refined	.....	1,561,620.61	28,158,054.32	3,717,782.05	236.70	.....	33,437,693.68
	342.47	5,919,531.43	31,317,277.37	3,718,602.64	10,022,502.82	.....	50,978,256.73
(2) U.S. gold coins received and melted	19,485.08	20,930.13	8,196.78	126,373.76	132.92	.....	175,118.67
(3) Deposits of scrap gold from domestic sources[1]	1,443,675.51	582,744.57	1,607,296.19	3,918,516.29	138,242.45	.....	7,690,475.01
(4) Transfers from other Mint institutions	.....	11,133,774.56	.....	1,884,528.73	.....	.....	13,018,303.29
(5) Other[2]	6,868.82	4,081.29	29,789.69	8,596,450.09	958.69	.....	8,638,148.58
Total increases	1,470,371.88	17,661,061.98	32,962,560.03	18,244,471.51	10,161,836.88	.....	80,500,302.28
3. Decreases during the fiscal year 1954:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold	721,644.76	700,963.39	276,557.46	32,134,393.88	.....	.....	33,833,559.49
(b) Exchanged for scrap gold deposits from domestic sources	311,842.29	.....	.....	.....	.....	.....	311,842.29
	1,033,487.05	700,963.39	276,557.46	32,134,393.88	.....	.....	34,145,401.78
(2) Gold bars exchanged for gold deposits other than domestic scrap	.....	.....	.....	4,088,747.26	.....	.....	4,088,747.26
(3) Transfers to other Mint institutions	1,884,528.73	.....	.....	1,750.00	11,132,024.56	.....	13,018,303.29
(4) Other[3]	9,020.92	33,441.74	12,799.19	565,000,140.00	.....	.....	565,055,401.85
Total decreases	2,927,036.70	734,405.13	289,356.65	601,225,031.14	11,132,024.56	.....	616,307,854.18
4. Gold held at close of fiscal year 1954	2,467,056.49	591,930,580.48	5,875,866,240.00	2,971,736,270.01	1,531,749.47	12,483,414,764.30	21,926,946,660.75

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stabilization Fund for the Treasury Department.

TABLE 8.--Silver bullion transactions of the Bureau of the Mint, fiscal year 1954, in fine ounces (to hundredths of an ounce)[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of fiscal year 1954:						
(1) At monetary value	106,502,999.66	598,696,036.84	144,519,413.74	427,542,272.84	.....	1,277,260,723.08
(2) At cost value	35,505,258.47	11,112,641.86	14,030,849.75	1,218,453.15	11,948.06	61,879,151.29
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	142,008,258.13	609,808,678.70	158,550,263.49	428,760,725.99	11,948.06	1,339,139,874.37
2. Increases during the fiscal year 1954:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	8,982,555.87	21,646,026.71	2,852,931.40	225,071.33	29,175.37	33,735,760.68
(b) Received as bullion ordinary	1.14	5,205.53	5,240.91	5.80	10,440.77	20,894.15
	8,982,557.01	21,651,232.24	2,858,172.31	225,077.13	39,616.14	33,756,654.83
(2) Deposits of scrap silver from domestic sources[2]	41,040.59	256,861.38	13,329.50	212,415.51	1,320.39	524,967.37
(3) Recoinage bullion from uncurrent U. S. silver dollars	282,770.21	62,729.67	21,818.43	.....	.....	367,318.31
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	580,025.36	264,367.62	69,331.86	.....	.....	913,724.84
(5) Return of Treasury silver from RFC silver custody account	16,353,697.48	.....	.....	.....	.....	16,353,697.48
(6) Purchase of silver from RFC	4,242,879.13	.....	.....	.....	.....	4,242,879.13
(7) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	103,038,470.67	.....	103,038,470.67
(8) Seigniorage on silver bullion revalued[3]	.....	.....	.....	.....	.....	.....
(9) Transfers from other Mint institutions[4]	16,000,000.00	10,197,351.73	20,784,069.56	1,161,894.87	.....	48,143,316.16
(10) Other[5]	22,150.58	4,575.79	8,769.12	27,482.21	5.59	62,983.29
Total increases	46,505,120.36	32,437,118.43	23,755,490.78	104,665,340.39	40,942.12	207,404,012.08
3. Decreases during the fiscal year 1954:						
(1) Processed into U. S. subsidiary silver coins	19,598,484.16	7,979,876.64	32,867,261.62	.....	.....	60,445,622.42
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	26,612.26	244,764.68	.....	185,129.34	.....	456,506.28
(b) For other silver deposits	.....	.....	.....	15,048.80	.....	15,048.80
	26,612.26	244,764.68	.....	200,178.14	.....	471,555.08
(3) Silver sold for medals, etc	2,326.13	.....	.....	.....	.....	2,326.13
(4) Transfers to other Mint institutions[4]	16,226,801.68	10,151,073.63	20,784,069.56	935,510.59	45,860.70	48,143,316.16
(5) Other[6]	20,588.28	4,920.62	8,677.22	.....	.....	34,186.12
Total decreases	35,874,812.51	18,380,635.57	53,660,008.40	1,135,688.73	45,860.70	109,097,005.91
4. Silver bullion held at close of fiscal year 1954:						
(1) At monetary value	144,556,697.14	621,044,963.21	123,735,344.18	531,515,886.70	.....	1,420,852,891.23
(2) At cost value	8,077,709.36	2,727,063.76	4,910,401.69	774,490.95	7,029.48	16,496,695.24
(3) At recoinage value	4,159.48	93,134.59	.....	.....	.....	97,294.07
Total holdings	152,638,565.98	623,865,161.56	128,645,745.87	532,290,377.65	7,029.48	1,437,446,880.54

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 5,700,000 fine ounces and 18,500,000 fine ounces of silver bullion received under the act of July 31, 1946 which was revalued at the Philadelphia and San Francisco Mints respectively, and held to secure silver certificates. See value table.
[4] Includes physical and book transfers.
[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.
[6] Includes sale of sweeps, operative wastage, etc.

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TABLE 9.--Silver bullion transactions of the Bureau of the Mint, fiscal year 1954, value[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of fiscal year 1954:						
(1) At monetary value	$137,700,847.52	$774,071,642.77	$186,853,383.43	$552,781,925.21	.....	$1,651,407,799.03
(2) At cost value	17,908,518.08	7,172,203.85	7,582,843.31	886,877.17	$10,385.92	33,560,828.33
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	155,609,365.60	781,243,846.62	194,436,226.74	553,668,802.48	10,385.92	1,684,968,627.36
2. Increases during the fiscal year 1954:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	8,129,666.51	19,590,747.31	2,582,046.99	203,700.92	26,405.02	30,532,566.75
(b) Received as bullion ordinary	.96	4,424.79	4,454.82	4.93	8,874.21	17,759.71
	8,129,667.47	19,595,172.10	2,586,501.81	203,705.85	35,279.23	30,550,326.46
(2) Deposits of scrap silver from domestic sources[2]	34,879.70	218,332.37	11,330.20	180,550.12	1,122.15	446,214.54
(3) Recoinage bullion from uncurrent U. S. silver dollars	365,601.88	81,105.03	28,209.69	.....	.....	474,916.60
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	801,832.16	365,448.50	95,844.98	.....	.....	1,263,125.64
(5) Return of Treasury silver from RFC silver custody account	21,144,174.56	.....	.....	.....	.....	21,144,174.56
(6) Purchase of silver from RFC	3,012,444.18	.....	.....	.....	.....	3,012,444.18
(7) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	133,221,456.91	.....	133,221,456.91
(8) Seigniorage on silver bullion revalued[3]	2,210,909.14	7,175,757.61	.....	.....	.....	9,386,666.75
(9) Transfers from other Mint institutions[4]	20,686,868.67	10,562,202.33	12,234,756.90	1,414,292.25	.....	44,898,120.15
(10) Other[5]	17,429.29	3,373.97	5,067.86	23,359.83	4.75	49,235.30
Total increases	56,403,807.05	38,001,391.51	14,961,711.44	135,043,364.96	36,406.13	244,446,681.09
3. Decreases during the fiscal year 1954:						
(1) Processed into U. S. subsidiary silver coins	10,915,790.84	4,125,033.15	18,185,335.05	.....	.....	33,226,159.04
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	22,620.39	208,049.97	.....	157,359.79	.....	388,030.15
(b) For other silver deposits	.....	.....	.....	12,791.48	.....	12,791.48
	22,620.39	208,049.97	.....	170,151.27	.....	400,821.63
(3) Silver sold for medals, etc	1,817.67	.....	.....	.....	.....	1,817.67
(4) Transfers to other Mint institutions[4]	7,671,794.25	9,532,690.70	26,872,332.33	780,435.83	40,867.04	44,898,120.15
(5) Other[6]	13,197.29	3,532.99	4,825.60	.....	.....	23,555.88
Total decreases	18,627,220.44	13,869,306.81	45,062,492.98	950,587.10	40,867.04	78,550,474.37
4. Silver bullion held at close of fiscal year 1954:						
(1) At monetary value	186,901,587.71	802,967,224.28	159,981,051.10	687,212,456.24	.....	1,837,062,319.33
(2) At cost value	6,478,614.40	2,282,464.11	4,354,394.10	549,124.10	5,925.01	13,670,521.72
(3) At recoinage value	5,750.10	126,242.93	.....	.....	.....	131,993.03
Total holdings	193,385,952.21	805,375,931.32	164,335,445.20	687,761,580.34	5,925.01	1,850,864,834.08

[1] Does not include silver deposited for foreign coinage orders by foreign governments.
[2] Includes old jewelry, plate, etc.
[3] Seigniorage represents the difference between cost value and monetary value of 5,700,000 fine ounces and 18,500,000 fine ounces of silver bullion received under the act of July 31, 1946 which was revalued at the Philadelphia and San Francisco Mints respectively, and held to secure silver certificates.
[4] Includes physical and book transfers.

TABLE 10.--Miscellaneous operating data, Bureau of the Mint, fiscal year 1954

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
1. Gold and silver bullion deposit transactions, number	1,129	2,409	1,048	3,740	937	9,263
2. Gold and silver deposit assay determinations, number	4,986	6,504	3,018	3,980	1,145	19,633
3. Refinery production:						
Gold refined by electrolytic process, fine ounces	.....	1,052,737.605	.....	.....	.....	1,052,737.605
Gold refined by "fire" process, fine ounces	.....	6,117.906	.....	1,176,428.924	.....	1,182,546.830
Silver refined by electrolytic process, fine ounces	.....	743,892.28	.....	.....	.....	743,892.28
Silver refined by "fire" process, fine ounces	.....	.....	.....	102,893,359.67	.....	102,893,359.67
4. Metal operated upon by the melting and refining division:						
Gold, fine ounces	60,969.685	2,160,882.178	23,353.137	2,935,821.106	.....	5,181,026.106
Silver, fine ounces	37,165,191.74	35,876,085.02	66,088,062.71	104,005,704.26	.....	243,135,043.73
Cupronickel alloy, gross ounces	19,175,400.00	6,773,144.92	15,302,571.70	.....	.....	41,251,116.62
Bronze alloy, gross ounces	36,259,500.00	14,969,786.44	65,361,536.36	.....	.....	116,590,822.80
5. Metal operated upon by the coining division:						
Gold, fine ounces (medals and sweeps)	767.630	.....	.....	.....	.....	767.630
Silver, fine ounces	36,438,911.48	13,897,709.87	64,263,971.56	.....	.....	114,600,592.91
Cupronickel alloy, gross ounces	12,601,800.08	6,679,895.42	19,227,590.00	.....	.....	38,509,245.50
Bronze alloy, gross ounces	26,113,846.30	13,796,329.99	84,068,250.00	.....	.....	123,978,426.29
6. Gold issue bars (400 troy ounces) manufactured:						
Number of bars	.....	2,472	1,784	270	.....	4,526
Fine ounces contained	.....	995,013.918	694,995.007	109,029.061	.....	1,799,037.986
7. Gold commercial bars (miscellaneous sizes) manufactured:						
Number of bars	305	1,050	.....	9,686	.....	11,041
Fine ounces contained	14,827.783	57,723.687	.....	848,893.586	.....	921,445.056
8. Silver issue bars (1,000 troy ounces) manufactured:						
Number of bars	.....	420	.....	95,494	.....	95,914
Fine ounces contained	.....	429,133.06	.....	102,748,637.95	.....	103,177,771.01
9. Silver commercial bars (miscellaneous sizes) manufactured:						
Number of bars	89	1,610	.....	813	.....	2,512
Fine ounces contained	9,984.90	314,759.22	.....	189,203.89	.....	513,948.01
10. Sweeps material sold:						
Quantity, net avoirdupois pounds	13,928	35,629	65,263	37,896	.....	152,716
Gold content, fine ounces	160.525	975.209	365.691	380.185	.....	1,881.610
Silver content, fine ounces	21,542.23	4,436.94	8,677.22	4,955.90	.....	39,612.29
11. Operating gains (+) and losses (-):						
Gold bullion, fine ounces:						
Melting and refining	+56.347	-219.582	+115.524	+416.693	.....	+378.834
Coining (medals and sweeps)	+7.986	+1.054	+.812	.....	.....	(net)
Silver bullion, fine ounces:						
Melting and refining	+17,623.70	+8,655.72	+19,393.81	+253.74	.....	+25,291.74
Coining	-8,010.11	-3,379.95	-9,245.17	.....	.....	(net)

TABLE 10.--Miscellaneous operating data, Bureau of the Mint, fiscal year 1954--Continued

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Total
11. Operating gains (+) and losses (-):--Continued						
Cupronickel alloy, gross ounces:						
Melting and refining	-225,952.76	-769.80	-2,518.42	.....	.....	-272,343.43
Coining	-25,640.93	-10,192.12	-7,269.40	.....	.....	
Bronze alloy, gross ounces:						
Melting and refining	-37,024.21	-24,210.27	-78,583.49	.....	.....	-208,092.60
Coining	-28,608.45	-13,089.58	-26,976.60	.....	.....	
12. Silver bars in storage at West Point Depository, fine ounces:						
Held at beginning of fiscal year	.....	.....	.....	412,922,340.04	.....	412,922,340.04
Placed in storage during year	.....	.....	.....	101,071,657.58	.....	101,071,657.58
Held at end of fiscal year	.....	.....	.....	513,993,997.62	.....	513,993,997.62
13. Unrefined gold held on June 30, 1954, fine ounces	7,954.020	3,469,773.128	15,144,286.199	9,547,217.604	43,764.288	28,212,995.239
14. Unrefined silver held on June 30, 1954, fine ounces	49,790.35	5,206,323.17	6,167,422.72	10,325,665.98	7,029.48	21,756,231.70

TABLE 11.--Detail of revenues deposited into the general fund of the Treasury by the Bureau of the Mint, fiscal year 1954

Item	Office of the Director	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Total
GENERAL ACCOUNT RECEIPTS							
Seigniorage on subsidiary silver coinage	.....	$16,351,908.75	$6,889,678.83	$27,183,464.63	.....	.....	$50,425,052.23
Seigniorage on minor coinage	.....	4,624,518.46	1,767,142.89	7,104,874.79	.....	.....	13,496,536.14
Seigniorage on silver bullion, difference between cost value and monetary value	.....	2,210,909.14	7,175,757.61	.....	.....	.....	9,386,666.75
Charges on bullion deposits	.....	13,445.73	36,592.70	23,685.98	$49,682.12	$26,122.79	149,529.32
Bar charges on bullion sales	.....	1,000.80	712.76	365.79	17,930.18	.....	20,009.53
Proceeds of surplus bullion recovered	.....	20,650.71	6,309.93	20,030.94	6,926.48	1,453.05	55,371.11
Profit on sale of silver bullion	.....	299.12	.....	.....	.....	.....	299.12
Handling charges on gold purchases	.....	2,830.10	16,255.64	82,311.31	21,187.18	25,339.32	147,923.55
Handling charges on gold sales	.....	1,812.06	1,736.19	691.40	80,336.09	.....	84,575.74
Charges on sales and handling, not otherwise classified	.....	452.10	.....	1.80	.....	.....	453.90
Commissions on telephone pay stations in Federal buildings outside of Washington D.C.	.....	106.32	34.63	33.82	.....	.....	174.77
Fees, vending machines	.....	.....	.....	169.56	.....	.....	169.56
Unclaimed funds and abandoned property, not otherwise classified	.....	.....	.....	.....	21.30	.....	21.30
Fines, penalties, and forfeitures, not otherwise classified	.....	.....	.....	2,112.43	5,397.31	.....	7,509.74
Sale of stores	.....	425.00	.....	.....	.....	.....	425.00
Testing fees	.....	407.00	.....	6.00	2,502.00	254.50	3,169.50
Fees and other charges for administrative, professional, and scientific services, not otherwise classified	$1,561.76	134.24	.....	.....	.....	.....	1,696.00
Fees and other charges for miscellaneous services, not otherwise classified	.....	315.75	240.00	240.00	.....	.....	795.75
Sale of scrap and salvaged surplus materials	.....	1,500.73	.....	3,044.36	16,990.04	.....	21,535.13
Sale of equipment	205.00	.....	6,050.00	.....	.....	.....	6,255.00
Proceeds from sales of Government property, not otherwise classified	.....	4,628.69	54.60	.....	.....	.....	4,683.29
Recoveries, jury service	.....	55.30	.....	21.00	24.00	95.00	195.30
Refund of utility charges	.....	.....	.....	.....	180.00	.....	180.00
Refund on empty containers	.....	51.00	585.00	.....	12.00	.....	648.00
Recoveries and refunds, not otherwise classified	1.89	.55	9.25	.80	.....	.....	12.49
Total general account receipts	1,768.65	23,235,451.55	15,901,160.03	34,421,054.63	201,188.70	53,264.66	73,813,888.22
SPECIAL ACCOUNT RECEIPTS							
Increment resulting from reduction in the weight of the gold dollar	.....	159.25	106.17	98.79	.....	6.11	370.32
TRUST ACCOUNT RECEIPTS							
Unclaimed moneys of individuals whose whereabouts are unknown	.....	2.03	.....	.....	.....	.....	2.03
Total receipts	1,768.65	23,235,612.83	15,901,266.20	34,421,153.42	201,188.70	53,270.77	73,814,260.57

TABLE 12.--Personnel of the Bureau of the Mint, fiscal year 1954

Bureau of the Mint	Number of employees										
	General	Coining	Melting and refining	Cash and deposits	Guard force	Mechanical	Engraving	Assaying	Custodial force	Total June 30, 1954	Total June 30, 1953
Office of the Director	54	.....	.....	.....	.....	.....	.....	.....	.....	54	57
Philadelphia Mint	24	100	39	18	25	36	12	3	11	268	317
San Francisco Mint	15	36	39	9	21	19	.....	8	4	151	158
Denver Mint	19	66	43	12	24	32	.....	6	5	207	270
New York Assay Office	16	.....	44	29	21	11	.....	15	5	141	145
West Point Depository	.....	.....	....	.....	15	.....	.....	.....	3	18	18
Seattle Assay Office	3	.....	....	2	3	.....	.....	2	.....	10	11
Fort Knox Depository	3	.....	....	.....	27	2	.....	.....	2	34	35
Total, June 30, 1954	134	202	165	70	136	100	12	34	30	883	.....
Total, June 30, 1953	186	245	202	45	148	103	16	35	31	.....	1,011

TABLE 13.--Legal authority for United States coins currently issued

Denomination	Authorizing act and legal authority	Standard weight	Composition
Standard silver dollar	February 28, 1878 (20 Stat. 25)	26.73 grams or 412.5 grains	900/1000 silver, 100/1000 copper.
Half dollar	February 12, 1873; Rev. Stat.3513	12.5 grams or 192.9 grains	Do.
Quarter dollar	....do	6.25 grams or 96.45 grains	Do.
Dime	....do	2.5 grams or 38.58 grains	Do.
5-cent piece	February 12, 1873; Rev. Stat. 3515	5 grams or 77.16 grains	75 percent copper, 25 percent nickel.
1-cent piece	....do	3.11 grams or 48 grains	95 percent copper, 5 percent zinc and tin.

TABLE 14.--Designs of United States coins currently issued[1]

Denomination	Obverse	Reverse	First coined	First issued
Standard silver dollar	Female head emblematic of Liberty	Eagle on mountain top. Word "Peace".	Dec. 1921	Dec. 1921
Half dollar	Benjamin Franklin	Liberty Bell	Apr. 1948	Apr. 1948
Quarter dollar[2]	George Washington	Eagle	Apr. 1932	Aug. 1932
Dime	Franklin D. Roosevelt	Torch of Liberty	Jan. 1946	Jan. 1946
5-cent piece	Thomas Jefferson	Monticello	Oct. 1938	Nov. 1938
1-cent piece	Abraham Lincoln	Wheat wreath	June 1909	Aug. 1909

[1] The design of a United States coin may not be changed more frequently than once in 25 years except by a special act of Congress.

[2] Change in design prior to 25 years authorized by the act of Mar. 4, 1931, in honor of the 200th anniversary of the birth of George Washington.

TABLE 15.--United States coins manufactured, calendar year 1953[1]

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total	Total face value	Total gross weight
						Short tons[2]
Half dollars:	Pieces	Pieces	Pieces	Pieces		
Regular design	2,796,920	4,148,000	20,900,400	27,845,320	$13,922,660	385
Commemorative design[3]	8,003	108,020	8,003	124,026	62,013	
Quarter dollars	18,664,920	14,016,000	56,112,400	88,793,320	22,198,330	612
Dimes	53,618,920	39,180,000	136,433,000	229,231,920	22,923,192	632
5-cent pieces	46,772,800	19,210,900	59,878,600	125,862,300	6,293,115	694
1-cent pieces	256,883,800	181,835,000	700,515,000	1,139,233,800	11,392,338	3,906
Total	378,745,363	258,497,920	973,847,403	1,611,090,686	76,791,648	6,229

[1] The Annual Assay Commission for 1954 met at the Philadelphia Mint the second Wednesday in February, as required by law, to examine and test the weight and fineness of United States coins reserved from the 1953 calendar year's coinage. Members of this Commission are partly ex officio, and the others, citizens who serve without compensation, are appointed each year by the President of the United States. In accordance with statutory requirements, one silver coin from each 10,000 silver coins manufactured at the several mints is selected at random and reserved for this examination. At conclusion of the tests the Commission reported that the coins met fully the prescribed legal standards, and that the trial was entirely satisfactory.

In addition to tests of the Annual Assay Commission, special assays involving comprehensive metallurgical and chemical tests from each day's production of silver coins are made in the laboratory of the Director of the Mint in Washington. Coins are not released for circulation until such tests have been conducted and the coins found to meet legally prescribed standards.

Silver coins manufactured by United States Mints for foreign governments are also tested in the laboratory to determine that legally prescribed coinage standards of the countries concerned are fully met.

[2] Includes 1,467 tons silver; 4,394 tons copper; 173 tons nickel; and 195 tons zinc and tin.

[3] Booker T. Washington-George Washington Carver design.

TABLE 16.--Foreign coins manufactured for other countries by United States Mints, calendar year 1953

Country and denomination	Composition	Gross weight per coin	Number of coins manufactured		
			Philadelphia Mint	San Francisco Mint	Total[1]
Costa Rica:		*Grams*			
10 centimos	Chromium stainless steel	1.75	5,290,000	.....	5,290,000
5 centimos	....do	0.875	9,040,000	.....	9,040,000
Total	.....	.....	14,330,000	.....	14,330,000
Cuba:		*Grams*			
1 peso	900 silver, 100 copper	26.7295	1,000,000	.....	1,000,000
50 centavos	....do	12.5	2,000,000	.....	2,000,000
25 centavos	....do	6.25	19,000,000	.....	19,000,000
20 centavos	....do	5	2,000,000	.....	2,000,000
1 centavo	70 copper, 30 zinc	2.3	47,840,000	.....	47,840,000
Total	.....	.....	71,840,000	.....	71,840,000
Dominican Republic:		*Grams*			
10 centavos	900 silver, 100 copper	2.5	750,000	.....	750,000
El Salvador:		*Grams*			
10 centavos	70 copper, 18 zinc, 12 nickel	7	.....	1,664,000	1,664,000
5 centavos	....do	5	.....	2,000,000	2,000,000
1 centavo	95 copper, 5 zinc	2.5	.....	10,000,000	10,000,000
Total	.....	.....	.....	13,664,000	13,664,000
Ethiopia:		*Grains*			
25 cents	95 copper, 5 zinc	105	28,701,000	.....	28,701,000
10 cents	....do	94	25,000,000	.....	25,000,000
5 cents	....do	62	34,888,000	.....	34,888,000
Total	.....	.....	88,589,000	.....	88,589,000
Haiti:		*Grams*			
10 centimes	70 copper, 18 zinc, 12 nickel	4	1,500,000	.....	1,500,000
5 centimes	....do	2.75	3,000,000	.....	3,000,000
Total	.....	.....	4,500,000	.....	4,500,000
Grand total	.....	.....	180,009,000	13,664,000	193,673,000

[1] No foreign coins were manufactured by the Denver Mint in 1953.

TABLE 17.--Shipments of United States coins for circulation by the Bureau of the Mint, calendar year 1953[1]

Denomination	Number of coins shipped	Face value	Gross weight in short tons
Standard silver dollars	9,814,879	$9,814,879.00	289
Half dollars	27,091,487	13,545,743.50	373
Quarter dollars	82,623,889	20,655,972.25	569
Dimes	223,929,806	22,392,980.60	616
5-cent pieces	121,520,339	6,076,016.95	670
1-cent pieces	1,072,055,444	10,720,554.44	3,676
Total	1,536,635,844	83,166,146.74	6,193

[1] Includes 130,439 sets of proof coins sold.

TABLE 18.--Uncurrent and mutilated United States coins, including assay pieces, returned to Mint institutions and melted, calendar year 1953

Class and denomination	Number of pieces	Face value
Gold:		
Double eagles	2,356	$47,120.00
Eagles	1,770	17,700.00
Half eagles	1,895	9,475.00
$3 pieces	4	12.00
Quarter eagles	669	1,672.50
$1 pieces	42	42.00
Total gold	6,736	76,021.50
Silver:		
Trade dollars	.....	.....
Standard dollars	315,767	315,767.00
Half dollars	612,933	306,466.50
Quarter dollars	1,864,148	466,037.00
20-cent pieces	33	6.60
Dimes	3,593,794	359,379.40
Half dimes	385	19.25
3-cent pieces	375	11.25
Total silver	6,387,035	1,447,647.00
Nickel:		
5-cent pieces	1,719,442	85,972.10
3-cent pieces	299	8.97
Nickel--Continued		
1-cent pieces	338	$3.38
Total nickel	1,720,079	85,984.45
Copper:		
1-cent pieces	730	7.30
½-cent pieces	16	.08
Total copper	746	7.38
Bronze and copper-zinc:		
2-cent pieces	408	8.16
1-cent pieces	6,990,412	69,904.12
Total bronze and copper-zinc	6,990,820	69,912.28
Copper-silver-manganese 5-cent pieces	654,996	32,749.80
Zinc-coated steel 1-cent pieces	11,279,607	112,796.07
Total minor	20,646,248	301,449.98
Grand total	27,040,019	1,825,118.48

TABLE 19.--Gold transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to thousandths of an ounce)

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of calendar year 1953	116,764.587	16,168,218.526	166,553,444.077	122,790,214.482	186,123.050	356,669,010.306	662,483,775.028
2. Increases during the calendar year 1953:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined	81.951	138,619.598	90,945.935	14,367.961	274,742.006	.....	518,797.451
(b) Refined	.....	31,333.832	779,645.105	100,127.262	6.763	.....	911,112.962
	81.951	169,953.430	870,591.040	114,495.223	274,748.769	.....	1,429,870.413
(2) U. S. gold coins received and melted	2,585.204	796.447	279.740	.....	.873	.....	3,662.264
(3) Deposits of scrap gold from domestic sources[1]	59,461.927	17,996.525	48,720.365	84,200.411	3,699.296	.....	214,078.524
(4) Transfers from other Mint institutions	.....	330,624.078	.....	18,616.722	.....	.....	349,240.800
(5) Other[2]	126.837	220.225	271.546	44,933.699	19.869	.....	45,572.176
Total increases	62,255.919	519,590.705	919,862.691	262,246.055	278,468.807	.....	2,042,424.177
3. Decreases during the calendar year 1953:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Sold	22,768.535	20,045.307	59,243.022	1,470,135.203	.....	.....	1,572,192.067
(b) Exchanged for scrap gold deposits from domestic sources	8,249.364	949.282	.....	.....	.....	.....	9,198.646
	31,017.899	20,994.589	59,243.022	1,470,135.203	.....	.....	1,581,390.713
(2) Gold bars exchanged for gold deposits other than domestic scrap	.....	.....	.....	22,447.227	.....	.....	22,447.227
(3) Transfers to other Mint institutions	18,599.694	.....	.....	50.000	330,574.078	17.028	349,240.800
(4) Other[3]	310.380	13,042.439	7,324.924	33,142,934.210	.....	.....	33,163,611.953
Total decreases	49,927.973	34,037.028	66,567.946	34,635,566.640	330,574.078	17.028	35,116,690.693
4. Gold held at close of calendar year 1953	129,092.533	16,653,772.203	167,406,738.822	88,416,893.897	134,017.779	356,668,993.278	629,409,508.512

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweeps, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U. S. Stabilization Fund for the Treasury Department.

TABLE 20.--Gold transactions of the Bureau of the Mint, calendar year 1953, value at $35 per fine ounce

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office	Seattle Assay Office	Fort Knox Depository	Total
1. Gold held at beginning of calendar year 1953	$4,086,739.49	$565,887,648.42	$5,829,370,543.18	$4,297,657,309.85	$6,514,306.57	$12,483,415,360.28	$23,186,930,207.79
2. Increases during the calendar year 1953:							
(1) Deposits of newly mined domestic bullion:							
(a) Unrefined	2,868.27	4,851,685.93	3,183,107.63	902,878.62	9,625,969.58		18,156,510.05
(b) Refined		1,096,684.12	27,287,578.72	3,304,454.14	236.70		31,688,953.66
	2,868.27	5,948,370.05	30,470,686.37	4,207,332.76	9,626,206.28		49,845,463.73
(2) U. S. gold coins received and melted	90,482.35	27,875.66	9,790.89		30.55		128,179.25
(3) Deposits of scrap gold from domestic sources[2]	2,081,164.03	629,878.34	1,705,212.89	2,947,006.96	129,475.54		7,492,737.76
(4) Transfers from other Mint institutions		11,571,842.74		651,585.27			12,223,428.01
(5) Other[3]	4,439.28	7,707.90	9,904.13	1,572,679.95	695.42		1,595,026.68
Total increases	2,178,953.73	18,185,674.69	32,195,194.28	9,178,604.94	9,746,407.79		71,484,835.43
3. Decreases during the calendar year 1953:							
(1) Gold bars issued for domestic industrial, professional, and artistic use:							
(a) Gold	796,899.11	701,585.83	2,073,505.77	51,454,731.68			55,026,722.39
(b) Exchanged for scrap gold deposits from domestic sources	288,727.97	33,224.88					321,952.85
	1,085,627.08	734,810.71	2,073,505.77	51,454,731.68			55,348,675.24
(2) Gold bars exchanged for gold deposits other than domestic scrap				785,652.96			785,652.96
(3) Transfers to other Mint institutions	650,989.29			1,750.00	11,570,092.74	595.98	12,223,428.01
(4) Other[3]	10,863.32	456,485.38	256,372.35	1,160,002,697.80			1,160,726,418.85
Total decreases	1,747,479.69	1,191,296.09	2,329,878.12	1,212,244,832.44	11,570,092.74	595.98	1,229,084,175.06
4. Gold held at close of calendar year 1953	4,518,213.53	582,882,027.02	5,859,235,859.34	3,094,591,282.35	4,690,621.62	12,483,414,764.30	22,029,332,768.16

[1] Includes old jewelry, dental scrap, etc.
[2] Includes deposits from foreign sources, miscellaneous deposits not otherwise classified, operative recoveries, settlement surplus, etc.
[3] Includes miscellaneous items such as sale of sweepst, operative losses, and also withdrawals from the New York Assay Office by the Federal Reserve Bank of New York in connection with operation of the U.S. Stabilization Fund for the Treasury Department.

TABLE 21.--Silver bullion transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to hundredths of an ounce)[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of calendar year 1953:						
(1) At monetary value	83,758,398.21	584,896,036.84	164,883,962.30	385,947,752.90	.....	1,219,486,150.25
(2) At cost value	55,592,662.06	15,419,436.64	9,147,664.37	1,510,606.14	27,179.26	81,697,548.47
(3) At recoinage value	143,627.31	.....	.....	.....	.....	143,627.31
Total holdings	139,494,687.58	600,315,473.48	174,031,626.67	387,458,359.04	27,179.26	1,301,327,326.03
2. Increases during the calendar year 1953:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	7,474,658.79	23,067,933.72	2,830,945.83	230.46	28,058.10	33,401,826.90
(b) Received as bullion ordinary	.....	4,132.90	8,441.17	1,758.83	10,460.10	24,793.00
	7,474,658.79	23,072,066.62	2,839,387.00	1,989.29	38,518.20	33,426,619.90
(2) Deposits of scrap silver from domestic sources[2]	46,808.46	321,790.89	14,157.03	210,666.72	1,145.48	594,568.58
(3) Recoinage bullion from uncurrent U. S. silver dollars	168,298.03	47,624.71	31,071.15	.....	.....	246,993.89
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	499,240.09	185,376.41	74,959.83	.....	.....	759,576.33
(5) Return of Treasury silver from RFC silver custody account	9,072,842.66	.....	.....	.....	.....	9,072,842.66
(6) Return of Treasury silver by other U. S. Government agencies	.....	.....	.....	88,731,878.43	.....	88,731,878.43
(7) Seigniorage on silver bullion revalued[3]	.....	.....	.....	.....	.....	.....
(8) Transfers from other Mint institutions[4]	36,000,000.00	4,198,939.21	32,367,511.96	582,573.59	.....	73,149,024.76
(9) Other[5]	53,439.73	3,392.78	28,875.06	19,241.92	14.29	104,963.78
Total increases	53,315,287.76	27,829,190.62	35,355,962.03	89,546,349.95	39,677.97	206,086,468.33
3. Decreases during the calendar year 1953:						
(1) Processed into U. S. subsidiary silver coins	8,253,038.42	6,903,446.00	27,575,229.15	.....	.....	42,731,713.57
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	27,859.37	308,300.24	.....	190,995.27	.....	527,154.88
(b) For other silver deposits	.....	.....	.....	16,099.51	.....	16,099.51
	27,859.37	308,300.24	.....	207,094.78	.....	543,254.39
(3) Silver sold for medals, etc	635.25	.....	.....	.....	.....	635.25
(4) Transfers to other Mint institutions[4]	36,064,038.00	4,151,073.63	32,367,511.96	518,952.99	47,448.18	73,149,024.76
(5) Other[6]	24,471.71	3,242.35	17,379.99	675.20	.....	47,769.25
Total decreases	44,370,042.75	11,368,062.22	59,960,121.10	726,722.97	47,448.18	116,472,397.22

TABLE 21.--Silver bullion transactions of the Bureau of the Mint, calendar year 1953, in fine ounces (to hundredths of an ounce)[1] --Continued

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
4. Silver bullion held at close of calendar year 1953:						
(1) At monetary value	128,831,240.87	604,744,963.21	132,319,413.74	475,108,224.92	.....	1,341,003,834.74
(2) At cost, value	19,606,691.70	12,031,438.67	16,908,255.86	1,099,769.10	25,409.05	49,647,963.40
(3) At recoinage value	.....	.....	.....	.....	.....	.....
Total holdings	148,438,932.57	616,776,401.88	149,427,669.60	476,207,994.02	25,409.05	1,390,651,797.14

[1] Does not include silver deposited for foreign coinage orders by foreign governments.

[2] Includes old jewelry, plate, etc.

[3] Seigniorage represents the difference between cost value and monetary value of 24,033,963.40 fine ounces of newly mined domestic silver received as security for silver certificates, as follows: Denver, 2,963.40 ounces received under act of July 6, 1939; Philadelphia, 2,000,000 ounces, and San Francisco, 22,000,000 ounces received under act of July 31, 1946. See value table.

[4] Includes physical and book transfers.

[5] Includes mutilated coins, other miscellaneous deposits not classified above, operative recoveries, settlement surplus, etc.

[6] Includes sale of sweeps, operative wastage, etc.

TABLE 22.--Silver bullion transactions of the Bureau of the Mint, calendar year 1953, value[1]

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Depository	Seattle Assay Office	Total
1. Silver bullion held at beginning of calendar year 1953:						
(1) At monetary value	$108,293,686.07	$756,229,218.56	$213,183,304.78	$499,003,152.08	.....	$1,576,709,361.49
(2) At cost value	26,984,283.40	10,581,008.75	6,630,891.72	1,080,571.12	$23,912.26	45,300,667.25
(3) At recoinage value	198,551.65	.....	.....	.....	.....	198,551.65
Total holdings	135,476,521.12	766,810,227.31	219,814,196.50	500,083,723.20	23,912.26	1,622,208,580.39
2. Increases during the calendar year 1953:						
(1) Deposits of newly mined domestic silver:						
(a) Received under act of July 31, 1946	6,764,943.52	20,877,644.95	2,562,148.96	208.58	25,393.81	30,230,339.82
(b) Received as bullion ordinary	.....	3,509.36	7,154.89	1,460.00	8,889.05	21,013.30
	6,764,943.52	20,881,154.31	2,569,303.85	1,668.58	34,282.86	30,251,353.12
(2) Deposits of scrap silver from domestic sources[2]	39,699.63	273,426.02	12,015.26	178,758.31	972.11	504,871.33
(3) Recoinage bullion from uncurrent U. S. silver dollars	217,597.44	61,575.38	41,141.00	.....	.....	320,313.82
(4) Recoinage bullion from uncurrent U. S. subsidiary silver coins	690,153.89	256,266.00	103,625.14	.....	.....	1,050,045.03
(5) Return of Treasury silver from RFC silver custody account	11,730,544.04	.....	.....	.....	.....	11,730,544.04
(6) Return of Treasury silver by other U.S. Government agencies	.....	.....	.....	114,724,044.77	.....	114,724,044.77
(7) Seigniorage on silver bullion revalued[3]	775,797.58	8,533,333.38	1,724.19	.....	.....	9,310,815.15
(8) Transfers from other Mint institutions[4]	46,157,575.72	2,806,169.76	15,194,410.63	728,403.39	.....	64,886,559.50
(9) Other[5]	44,645.32	2,536.45	15,971.38	16,355.46	12.15	79,520.76
Total increases	66,420,917.14	32,814,461.30	17,938,191.45	115,649,230.51	35,267.12	232,858,067.52
3. Decreases during the calendar year 1953:						
(1) Processed into U. S. subsidiary silver coins	5,842,732.77	3,926,980.29	15,023,099.53	.....	.....	24,792,812.59
(2) Silver bars exchanged for silver:						
(a) For deposits of scrap silver from domestic sources	23,680.43	261,969.34	.....	162,947.16	.....	448,596.93
(b) For other silver deposits	.....	.....	.....	12,808.21	.....	12,808.21
	23,680.43	261,969.34	.....	175,755.37	.....	461,405.14
(3) Silver sold for medals, etc	531.13	.....	.....	.....	.....	531.13
(4) Transfers to other Mint institutions[4]	17,683,923.75	4,979,165.90	41,848,904.32	332,155.31	42,410.22	64,886,559.50
(5) Other[6]	13,132.83	3,742.53	10,474.24	446.59	.....	27,796.19
Total decreases	23,564,000.91	9,171,858.06	56,882,478.09	508,357.27	42,410.22	90,169,104.55

TABLE 24.--Summary of foreign coinage by United States Mints, by country, through Dec. 31, 1953[1]

Country	Number of pieces produced	Country	Number of pieces produced
Argentina	64,058,334	Honduras	36,900,000
Australia	168,000,000	Indochina	135,270,000
Belgian Congo	25,000,000	Liberia	1,312,500
Belgium	25,000,000	Mexico	91,076,840
Bolivia	30,000,000	Netherlands	962,500,000
China	39,720,096	Netherlands East Indies	1,716,368,000
Colombia	133,461,872	Nicaragua	26,080,000
Costa Rica	35,953,803	Panama (Republic)	20,624,880
Cuba	426,359,888	Peru	136,045,669
Curacao	12,000,000	Philippines	897,782,332
Dominican Republic	33,767,803	Poland	6,000,000
Ecuador	214,431,060	Saudi-Arabia	124,712,374
El Salvador	110,695,351	Siam	20,000,000
Ethiopia	270,433,730	Surinam	21,195,000
Fiji	4,800,000	Syria	7,350,000
France	50,000,000	Venezuela	207,262,944
Greenland	100,000		
Guatemala	7,835,000	Total (36 countries)	5,683,767,676
Haiti	19,300,000		
Hawaii[2]	1,950,000		

[1] Foreign coinage by U. S. Mints was authorized by act of Jan. 29, 1874, c. 19, 18 Stat. 6.
[2] Coined prior to annexation to the United States. (United States coins used thereafter).

TABLE 25.--Summary of foreign coinage by United States Mints, by year, through Dec. 31, 1953[1]

Year	Number of pieces produced	Year	Number of pieces produced
1876-77	12,000,000	1925	13,461,000
1883-84	1,950,000	1926	14,987,000
1895	4,500,000	1927	3,650,000
1896	500,000	1928	16,701,000
1897		1929	34,980,000
1898	3,346,714	1930	3,300,120
1899	906,089	1931	4,498,020
1900	320,000	1932	9,756,096
1901	225,000	1933	15,240,000
1902		1934	24,280,000
1903	21,292,844	1935	109,600,850
1904	70,640,489	1936	32,350,000
1905	36,675,526	1937	26,800,000
1906	13,321,394	1938	48,579,644
1907	45,313,047	1939	15,725,000
1908	29,645,399	1940	33,170,000
1909	11,298,981	1941	208,603,300
1910	7,153,818	1942	307,737,000
1911	7,794,406	1943	186,682,000
1912	6,244,348	1944	788,498,000
1913	7,309,248	1945	1,802,376,008
1914	17,335,005	1946	904,528,000
1915	55,485,190	1947	277,376,094
1916	37,441,328	1948	21,950,000
1917	25,208,497	1949	156,687,944
1918	60,102,000	1950	2,000,000
1919	106,269,195	1951	25,450,000
1920	99,002,334	1952	45,857,000
1921	55,094,352	1953	193,673,000
1922	7,863,030		
1923	4,369,000	Total	5,683,767,676
1924	12,663,196		

[1] Foreign coinage by U. S. Mints was authorized by act of Jan. 29, 1874, c. 19, 18 Stat. 6.

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TABLE 26.--Price of silver in New York, bullion value of the silver dollar, and commercial ratio of silver to gold, 1953-54

Effective date	New York market quotation		Bullion value of the silver dollar[1]	Commercial ratio of silver to gold[2]
	Per ounce 0.999 fine	Equivalent price per fine ounce		
1953				
Jan. 1-12[3]	$0.83 1/4	$0.83333	$0.64453	42.00
Jan. 13	.83 3/4	.83834	.64840	41.79
Jan. 14	.84 1/4	.84334	.65227	41.58
Jan. 15	.84 3/4	.84835	.65615	41.26
Jan. 16--Dec. 31	.85 1/4	.85335	.66001	41.01
Highest in 1953	.85 1/4	.85335	.66001	41.01
Lowest in 1953	.83 1/4	.83333	.64453	42.00
Average in 1953	.85188	.85270	.65953	41.04
1954[4]				
Jan. 1--June 30	.85 1/4	.85335	.66001	41.01

[1] Based on fine silver content of the standard silver dollar (371.25 grains or 0.7734375 fine ounce) and commercial price of silver per fine ounce.
[2] Based on commercial price of silver per fine ounce and the monetary value of gold ($35 per fine ounce).
[3] Quotation beginning on July 24, 1952.
[4] Quotation $0.84 1/4 throughout government fiscal year 1954 (July 1, 1953--June 30, 1954).

TABLE 27.--Highest, lowest, and average commercial price of silver in the London bullion market, 1952-53

Year and month	London spot price per ounce 0.999 fine[1]			Average monthly pound sterling exchange New York on London[2]	United States equivalent of average monthly London price per ounce 0.999 fine
	Highest	Lowest	Average		
1952	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	77	77	77.0000	2.7815	0.8904
February	77	77	77.0000	2.7812	.8923
March	77	77	77.0000	2.7967	.8973
April	77	77	77.0000	2.8079	.9009
May	77	72 1/2	74.7614	2.8007	.8724
June	72 1/2	72 1/2	72.5000	2.7946	.8432
July	73	72 1/2	72.6087	2.7882	.8435
August	73	73	73.0000	2.7885	.8482
September	73	73	73.0000	2.7827	.8464
October	73	73	73.0000	2.7930	.8495
November	73	72 3/4	72.8688	2.8001	.8502
December	72 3/4	72 1/2	72.5774	2.8059	.8485
Calendar year 1952	77	72 1/2	74.3597	2.7926	.8652
1953					
January	74	72 7/8	73.5179	2.8128	.8616
February	74	74	74.0000	2.8190	.8692
March	74	74	74.0000	2.8156	.8681
April	74	74	74.0000	2.8146	.8685
May	74	74	74.0000	2.8143	.8677
June	74	74	74.0000	2.8135	.8675
July	74	74	74.0000	2.8153	.8681
August	74	74	74.0000	2.8150	.8680
September	74	74	74.0000	2.8028	.8642
October	74	74	74.0000	2.8018	.8651
November	74	74	74.0000	2.8018	.8651
December	74	73 3/4	73.8210	2.8103	.8647
Calendar year 1953	74	72 7/8	73.9449	2.8127	.8666

[1] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1943.
[2] Averages of certified noon buying rates in New York for cable transfers.

TABLE 28.--Stock of coins in the United States, 1953-54[1]

End of month	Standard silver dollars	Subsidiary silver coins (50¢, 25¢, and 10¢)	Minor coins (5¢ and 1¢)	Total
1953				
January	$491,682,953	$1,167,498,100	$413,383,800	$2,072,564,853
February	491,682,911	1,168,816,900	414,152,100	2,074,651,911
March	491,682,878	1,174,076,500	415,696,500	2,081,455,878
April	491,682,670	1,184,532,600	416,192,300	2,092,407,570
May	491,597,499	1,190,469,800	417,656,200	2,099,723,499
June	491,517,862	1,193,737,500	418,679,900	2,103,935,262
July	491,517,841	1,197,530,900	420,161,000	2,109,229,741
August	491,517,808	1,204,238,700	421,346,700	2,117,123,208
September	491,517,708	1,206,599,000	423,472,100	2,121,588,808
October	491,517,635	1,210,670,800	425,388,400	2,127,576,835
November	491,517,616	1,213,197,800	427,876,300	2,132,591,716
December	491,517,580	1,219,477,700	429,896,100	2,140,891,380
1954				
January	491,402,416	1,223,024,600	431,703,300	2,146,130,316
February	491,402,340	1,236,546,400	431,841,000	2,159,789,740
March	491,373,363	1,257,972,400	432,456,100	2,181,801,863
April	491,185,439	1,270,105,400	434,255,500	2,195,546,339
May	491,020,683	1,275,657,800	434,693,000	2,201,371,483
June	491,020,651	1,275,666,000	434,675,000	2,201,361,651

[1] Estimates of the Bureau of the Mint, reflecting coins manufactured; uncurrent and mutilated coins withdrawn from circulation, returned to the mints, and melted; exports; imports; general disappearance, etc. Includes coins held in the Treasury as well as those outside the Treasury (in banks and in circulation). Further denomination breakdown and breakdown according to number of pieces are not available.

Summary of United States coinage from organization of Mint in 1792 through Dec. 31, 1954, Series I-XX.

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XIV	Minor coinage, San Francisco Mint (annual)	92
XV	Gold, silver, and minor coinage, Denver Mint (annual)	93
XVI	Gold and silver coinage, New Orleans Mint (annual)	95
XVII	Gold and silver coinage, Carson City Mint (annual)	97
XVIII	Gold coinage, Charlotte Mint (annual)	98
XIX	Gold coinage, Dahlonega Mint (annual)	98
XX	Commemorative coinage (annual)	99

I--United States Mint[1]

Location of mints	Act under which established	Distinguishing mint marks	Period covered in coinage data
Philadelphia, Pa.	Apr. 2, 1792	None, except letter P on copper-silver-manganese 5 cents.	1793-1954.
San Francisco, Calif.	July 3, 1852	S	1854-1954.
Denver, Colo.	Apr. 21, 1862	D	1906-54.
New Orleans, La.	Mar. 3, 1835	O	1838-61. 1879-1909.
Carson City, Nev.	Mar. 3, 1863	CC	1870-93.
Charlotte, N. C.	Mar. 3, 1835	C	1838-61.
Dahlonega, Ga.	do	D	1838-61.

[1] The act of Congress dated April 2, 1792, provided for coinage of gold, silver, and copper, and established the first United States Mint in the city of Philadelphia, then the Nation's Capital. Subsequent legislation set up branch mints and assay offices in various parts of the country. The registry of annual coinage now accurately represents the year of actual date on the coins. During the early years the deliveries from the manufacturing division to the issuing division were not always completed within the year of the date on the coins.

II--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined

GOLD COINAGE[1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1933 (May 19)	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	...do.....	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do.	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916 2/3		
Do.	June 28, 1834	258	899.225	57,683,485	576,834,850.00
Do.	Jan. 18, 1837	258	900		
Do.	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916 2/3		
Do.	June 28, 1834	129	899.225	78,911,869	394,559,345.00
Do.	Jan. 18, 1837	129	900		
Do.	Feb. 12, 1873	129	900		
Quarter eagle ($2.50)[2]	Apr. 2, 1792	67.5	916 2/3		
Do.[2]	June 28, 1834	64.5	899.225	20,216,590	50,541,475.00
Do.[2]	Jan. 18, 1837	64.5	900		
Do.[2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars[3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar[3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold	.....	.....	.....	351,545,358	4,526,218,477.50

[1] Sec. 5 of the Gold Reserve Act of Jan. 30, 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."
[2] Discontinued by act of Apr. 11, 1930.
[3] Discontinued by act of Sept. 26, 1890.

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued.

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1954	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4+		
Do. [1] [2]	Jan. 18, 1837	412 1/2	900		
Do. [2]	Feb. 28, 1878	412 1/2	900		
Do. [2]	July 14, 1890	412 1/2	900	855,611,127	[2] $855,611,127.00
Do. [2]	Mar. 3, 1891	412 1/2	900		
Do. [2]	Apr. 23, 1918	412 1/2	900		
Trade dollar [1] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412 1/2	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4+		
Do.	Jan. 18, 1837	206 1/4	900	1,067,453,013	533,726,506.50
Do.	Feb. 21, 1853	192	900		
Do.	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	....do.....	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	....do.....	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	23,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition--Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	....do.....	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	....do.....	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	....do.....	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	....do.....	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	....do.....	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	....do.....	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued

SILVER COINAGE--Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1954	
				Pieces	Face amount
		Grains	Thousandths		
Half dollar, commemorative--Continued					
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	$12,906.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	...do.....	192.9	900	3,167,205	1,583,602.50
Booker T. Washington--George Washington Carver	Sept. 21, 1951 amending act of Aug 7, 1946	192.9	900	2,422,392	1,211,196.00
Quarter dollar	Apr. 2, 1792	104	892.4		
Do.	Jan. 18, 1837	103 1/8	900	2,185,865,505	546,466,376.25
Do.	Feb. 21, 1853	96	900		
Do.	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative:					
Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents[7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do.	Jan. 18, 1837	41 1/4	900	5,269,079,043	526,907,904.30
Do.	Feb. 21, 1853	38.4	900		
Do.	Feb. 12, 1873	[9] 38.58	900		
Half dime[10]	Apr. 2,1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20 5/8	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents[10]	Mar. 3, 1851	12 3/8	750	42,736,240	1,282,087.20
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver	.....	.....	.....	9,573,334,305	2,513,958,184.40

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar 1837 discontinued by act of Feb. 12, 1873.

[2] Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$ 1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,790,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof		
Oct. 31, 1893	$36,087,285	
	42,139,872	
Act Nov. 1, 1893, to June 12, 1898	108,800,188	
Act June 13, 1898, war revenue bill		187,027,345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5,078,472
Act Apr. 23, 1918, Pittman Act replacement (represents equivalent number of dollars converted into bullion--259,121,554 for export to India and 11,111,168 for domestic subsidiary coin):		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12 1/2 grams, or 192.9 grains.

[6] 6 1/4 grams, or 96.45 grains.

[7] Discontinued by act of May 2, 1878.

[8] 5 grams, or 77.16 grains.

[9] 2 1/2 grams, or 38.58 grains.

[10] Discontintued by act of Feb. 12, 1873.

II.--Authority for United States coinage, with class, denomination, standard weight, fineness, and total coined--Continued

MINOR COINAGE

(Minor coinage was confined by law to the mint at Philadelphia until the act of April 24, 1906. Minor coins were first manufactured at the mint at Philadelphia in 1793, at San Francisco in 1908, and at Denver in 1911)

Denomination	Authorizing act	Standard weight	Standard composition (1)	Total coined to Dec. 31, 1954	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	.....	3,861,117,638	$193,055,881.90
Do	Feb. 12, 1873				
5 cents (silver)	(2)	77.16	.....	869,923,700	43,496,185.00
3 cents (nickel)[3]	Mar. 3, 1865	30	.....	31,378,316	941,349.48
Do	Feb. 12, 1873				
2 cents (bronze)[4]	Apr. 22, 1864	96	.....	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264	.....		
Do	Jan. 14, 1793	208	.....		
Do	Jan. 26, 1796	186	.....	156,288,744	1,562,887.44
Do[5]	Jan. 18, 1837	168	.....		
Cent (nickel)[6]	Feb. 21, 1857	72	.....	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	.....	16,427,837,618	164,278,376.18
Do	Feb. 12, 1873				
Cent (zinc-steel)	(7)	41.5	.....	1,093,838,670	10,938,386.70
Do	(8)	42.5	.....		
Cent (copper-zinc)	(9)	48	.....	5,102,736,000	51,027,360.00
Half cent (copper)	Apr. 2, 1792	132	.....		
Do	Jan. 14, 1793	104	.....		
Do	Jan. 25, 1796	84	.....	7,981,822	39,909.11
Do[5]	Jan. 18, 1837	84	.....		
Total minor	.....	.....	.....	27,797,475,508	468,260,075.81
Grand total gold, silver, and minor	.....	.....	.....	37,722,355,171	7,508,436,737.71

[1] Composition--percent:
5 and 3 cents (nickel)--copper, 75; nickel, 25.
5 cents (silver)--copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)--copper, 95; tin and zinc, 5.
1 and 1/2 cent (copper)--pure copper.
1 cent (nickel)--copper, 88; nickel, 12.
1 cent (zinc-steel)--steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.
1 cent (copper-zinc)--copper 95; zinc 5.

[2] 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945 from Oct 1, 1942, until expiration of authority Dec. 31, 1945.

[3] 3-cents (nickel) discontinued by act of Sept. 26, 1890.

[4] 2-cents (bronze) discontinued by act of Feb. 12, 1873.

[5] Proclamation of the President in conformity with act of Mar. 3, 1795.

[6] Copper cent and half cent discontinued by act of Feb. 21, 1857.

[7] Nickel cent discontinued by act of Apr. 22, 1864.

[8] Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.

[9] Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.

III--United States coinage by Mint, class, denomination, and number of pieces, from organization through Dec. 31, 1954

Class and denomination	Philadelphia 1793-1954	San Francisco 1854-1954	Denver 1906-54	New Orleans 1838-61, 1879-1909	Carson City 1870-93	Charlotte 1838-61	Dahlonega 1838-61	Total 1793-1954
Gold:								
50 dollars	.....	3,019	.....	.....	.....	.....	.....	3,019
Double eagles	71,180,127	88,134,526	13,108,000	818,775	864,178	.....	.....	174,105,606
Eagles	34,554,932	14,558,406	5,909,280	2,361,089	299,778	.....	.....	57,683,485
Half eagles	41,969,621	28,028,008	5,292,660	923,725	709,617	881,027	1,107,211	78,911,869
3 dollars	452,572	62,100	.....	24,000	.....	.....	1,120	539,792
Quarter eagles	16,965,555	754,519	1,081,680	1,209,263	.....	217,966	197,850	20,426,833
Dollars	18,573,821	115,266	.....	1,004,000	.....	109,138	72,529	19,874,754
Total gold	183,696,628	131,655,844	25,391,620	6,340,852	1,873,573	1,208,131	1,378,710	351,545,358
Silver:								
Dollars	423,758,122	183,504,073	47,406,100	187,111,529	13,881,329	.....	.....	855,661,153
Trade dollars	5,107,524	26,647,000	.....	.....	4,211,400	.....	.....	35,965,924
Half dollars	586,955,339	211,637,554	200,890,833	80,234,676	5,308,627	.....	.....	1,085,027,029
Quarter dollars	1,404,152,772	282,500,664	428,592,300	60,343,000	10,316,792	.....	.....	2,185,905,528
20 cents	36,710	1,155,000	.....	.....	143,290	.....	.....	1,355,000
Dimes	3,191,236,040	802,894,689	1,185,967,300	68,079,906	20,901,108	.....	.....	5,269,079,043
Half dimes	78,975,838	2,382,000	.....	16,246,550	.....	.....	.....	97,604,388
3 cents	42,016,240	.....	.....	720,000	.....	.....	.....	42,736,240
Total silver	5,732,258,585	1,510,720,980	1,862,856,333	412,735,661	54,762,546	.....	.....	9,573,334,305
Minor:								
5 cents	3,381,496,748	566,301,900	783,242,690	.....	.....	.....	.....	4,731,041,338
3 cents	31,378,316	.....	.....	.....	.....	.....	.....	31,378,316
2 cents	45,601,000	.....	.....	.....	.....	.....	.....	45,601,000
1 cent	14,752,143,328	2,712,555,004	5,516,772,900	.....	.....	.....	.....	22,981,473,032
Half cent	7,981,822	.....	.....	.....	.....	.....	.....	7,981,822
Total minor	18,218,603,414	3,278,856,904	6,300,015,190	.....	.....	.....	.....	27,797,475,508
Total coinage	24,134,558,627	4,921,233,728	8,188,263,343	419,076,513	56,636,119	1,208,131	1,378,710	37,722,355,171

IV. --Summary of United States coinage by Mint, class, denomination, and face value, from organization through Dec. 31, 1954

Class and denomination	Philadelphia	San Francisco	Denver	New Orleans	Carson City	Charlotte	Dahlonega	Total
Gold:								
50 dollars	.....	$150,950.00	.....	.....	.....	.....	.....	$150,950.00
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00	$16,375,500.00	$17,283,560.00	.....	.....	3,482,112,120.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00	23,610,890.00	2,997,780.00	.....	.....	576,834,850.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00	4,618,625.00	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00
3 dollars	1,357,716.00	186,300.00	.....	72,000.00	.....	.....	3,360.00	1,619,376.00
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00	3,023,157.50	.....	544,915.00	494,625.00	51,067,082.50
Dollars	18,573,821.00	115,266.00	.....	1,004,000.00	.....	109,138.00	72,529.00	19,874,754.00
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00	48,704,172.50	23,829,425.00	5,059,188.00	6,106,569.00	4,526,218,477.50
Silver:								
Dollars	423,758,122.00	183,504,073.00	47,406,100.00	187,111,529.00	13,881,329.00	.....	.....	855,661,153.00
Trade dollars	5,107,524.00	26,647,000.00	.....	.....	4,211,400.00	.....	.....	35,965,924.00
Half dollars	293,477,669.50	105,818,777.00	100,445,416.50	40,117,338.00	2,654,313.50	.....	.....	542,513,514.50
Quarter dollars	351,038,193.00	70,625,166.00	107,148,075.00	15,085,750.00	2,579,198.00	.....	.....	546,476,382.00
20 cents	11,342.00	231,000.00	.....	.....	28,658.00	.....	.....	271,000.00
Dimes	319,123,604.00	80,289,468.90	118,596,730.00	6,807,990.60	2,090,110.80	.....	.....	526,907,904.30
Half dimes	3,948,791.90	119,100.00	.....	812,327.50	.....	.....	.....	4,880,219.40
3 cents	1,260,487.20	.....	.....	21,600.00	.....	.....	.....	1,282,087.20
Total silver	1,397,725,733.60	467,234,584.90	373,596,321.50	249,956,535.10	25,445,009.30	.....	.....	2,513,958,184.40
Minor:								
5 cents	169,074,837.40	28,315,095.00	39,162,134.50	.....	.....	.....	.....	236,552,066.90
3 cents	941,349.48	.....	.....	.....	.....	.....	.....	941,349.48
2 cents	912,020.00	.....	.....	.....	.....	.....	.....	912,020.00
1 cent	147,521,455.28	27,125,950.04	55,167,725.00	.....	.....	.....	.....	229,814,730.32
Half cent	39,909.11	.....	.....	.....	.....	.....	.....	39,909.11
Total minor	318,489,571.27	55,440,645.04	94,329,859.50	.....	.....	.....	.....	468,260,075.81
Total coinage	3,757,560,694.37	2,573,428,663.44	818,346,481.00	298,660,707.60	49,274,434.30	5,059,188.00	6,106,569.00	7,508,436,737.71

V.--Total coinage of the United States, by class and calendar year

Calendar year	Gold	Silver	Minor	Total value
1793-95.....	$71,485.00	$370,683.80	$11,373.00	$453,541.80
1796.....	77,960.00	77,118.50	10,324.40	165,402.90
1797.....	128,190.00	14,550.45	9,510.34	152,250.79
1798.....	205,610.00	330,391.30	9,797.00	545,698.00
1799.....	213,285.00	423,519.00	9,106.68	645,906.68
1800.....	317,760.00	224,296.00	29,279.40	571,335.40
1801.....	422,570.00	74,758.00	13,628.37	510,956.37
1802.....	423,310.00	58,343.00	34,422.83	516,075.83
1803.....	258,377.50	87,118.00	25,203.03	370,698.53
1804.....	258,642.50	100,340.50	12,844.94	371,827.94
1805.....	170,467.50	149,391.50	13,483.48	333,239.48
1806.....	324,505.00	471,319.00	5,260.00	801,084.00
1807.....	437,495.00	597,448.75	9,652.21	1,044,595.96
1808.....	284,665.00	684,300.00	13,090.00	982,055.00
1809.....	169,375.00	707,376.00	8,001.53	884,752.53
1810.....	501,435.00	638,773.50	15,660.00	1,155,868.50
1811.....	497,905.00	608,340.00	2,495.95	1,108,740.95
1812.....	290,435.00	814,029.50	10,795.00	1,115,219.50
1813.....	477,140.00	620,951.50	4,180.00	1,102,271.50
1814.....	77,270.00	561,687.50	3,578.30	642,535.80
1815.....	3,175.00	17,308.00	.....	20,483.00
1816.....	.....	28,575.75	28,209.82	56,785.57
1817.....	.....	607,783.50	39,484.00	647,267.50
1818.....	242,190.00	1,070,454.50	31,670.00	1,345,064.50
1819.....	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820.....	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821.....	189,325.00	825,762.45	3,890.00	1,018,977.45
1822.....	88,980.00	805,806.50	20,723.39	915,509.89
1823.....	72,425.00	895,550.00	.....	967,975.00
1824.....	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825.....	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826.....	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827.....	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828.....	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829.....	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830.....	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831.....	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832.....	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833.....	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834.....	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835.....	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836.....	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837.....	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838.....	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839.....	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840.....	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841.....	1,091,857.50	1,132,730.00	15,973.67	2,240,581.17
1842.....	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843.....	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1874.....	$35,254,630.00	$6,851,776.70	$342,475.00	$42,448,881.70
1875.....	32,951,940.00	15,347,893.00	246,970.00	48,546,803.00
1876.....	46,579,432.50	24,503,307.50	210,800.00	71,293,560.00
1877.....	43,999,864.00	28,393,045.50	8,525.00	72,401,434.50
1878.....	49,786,052.00	28,518,850.00	58,186.50	78,363,088.50
1879.....	39,080,080.00	27,569,776.00	165,003.00	66,814,859.00
1880.....	62,308,279.00	27,411,693.75	391,395.95	90,111,368.70
1881.....	96,830,890.00	27,940,163.75	428,151.75	125,219,205.50
1882.....	65,887,685.00	27,973,132.00	960,400.00	94,821,217.00
1883.....	29,241,990.00	29,246,968.45	1,604,770.41	60,093,728.86
1884.....	23,991,756.50	27,534,866.15	796,483.78	53,323,106.43
1885.....	27,773,012.50	28,962,176.20	191,622.04	56,926,810.74
1886.....	28,945,542.00	32,086,709.90	343,186.10	61,375,438.00
1887.....	23,972,383.00	35,191,081.40	1,215,686.26	60,379,150.66
1888.....	31,380,808.00	33,025,606.45	912,200.78	65,318,615.23
1889.....	21,413,931.00	35,496,683.15	1,283,408.49	58,194,022.64
1890.....	20,467,182.50	39,202,908.20	1,384,792.14	61,054,882.84
1891.....	29,222,005.00	27,518,856.60	1,312,441.00	58,053,302.60
1892.....	34,787,222.50	12,641,078.00	961,481.42	48,389,780.92
1893.....	56,997,020.00	8,802,803.05	1,134,931.70	66,934,754.75
1894.....	79,546,160.00	9,200,350.85	438,177.92	89,184,688.77
1895.....	59,616,357.50	5,698,010.25	882,430.56	66,196,798.31
1896.....	47,053,060.00	23,089,899.05	832,718.93	70,975,677.98
1897.....	76,028,485.00	18,487,297.30	1,526,100.05	96,041,882.35
1898.....	77,941,757.50	23,034,280.45	1,124,835.14	102,144,626.09
1899.....	111,344,220.00	26,061,919.90	1,837,439.86	139,243,591.76
1900.....	99,272,942.50	36,345,347.45	2,031,137.39	137,649,427.34
1901.....	101,735,187.50	30,838,460.75	2,120,122.08	134,693,770.33
1902.....	47,184,932.50	30,028,167.20	2,447,796.17	79,660,895.87
1903.....	43,683,970.50	19,874,440.00	2,251,281.18	65,809,691.68
1904.....	233,402,428.00	15,695,609.95	1,683,329.35	250,781,367.30
1905.....	49,651,341.00	6,332,180.90	2,298,595.43	58,269,177.33
1906.....	78,793,045.00	10,651,027.85	2,890,908.80	92,334,981.65
1907.....	131,907,490.00	13,178,435.75	3,042,126.18	148,128,051.93
1908.....	131,638,632.50	12,391,777.25	1,468,738.72	145,499,148.47
1909.....	88,776,907.50	8,087,852.50	1,756,388.93	98,621,148.93
1910.....	104,723,735.00	3,744,468.35	3,036,929.83	111,505,133.18
1911.....	56,176,822.50	6,457,301.55	3,156,726.47	65,790,850.52
1912.....	17,498,522.50	7,340,995.00	2,577,386.30	27,416,903.80
1913.....	25,433,377.50	3,184,228.95	4,667,335.47	33,284,941.92
1914.....	53,457,817.50	6,083,823.00	2,208,071.22	61,749,711.72
1915.....	23,968,401.50	4,114,097.50	2,062,839.70	30,143,338.70
1916.....	18,525,026.00	8,880,800.00	6,337,550.07	33,743,376.07
1917.....	10,014.00	29,412,300.00	6,118,089.30	35,540,403.30
1918.....	.....	25,473,029.00	5,972,662.04	31,445,691.04
1919.....	.....	11,068,400.00	9,709,100.00	20,777,500.00
1920.....	16,990,000.00	25,057,270.00	8,166,650.00	50,213,920.00
1921.....	10,570,000.00	89,057,535.50	1,155,310.00	100,782,845.50
1922.....	80,680,016.00	84,325,030.50	71,600.00	165,076,646.50

V.--Total coinage of the United States, by class and calendar year--Continued

Calendar year	Gold	Silver	Minor	Total value
1844.....	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845.....	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846.....	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847.....	20,232,325.00	2,374,450.00	61,836.69	22,638,611.69
1848.....	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849.....	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850.....	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851.....	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852.....	56,846,187.50	999,610.00	50,630.94	57,896,228.44
1853.....	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854.....	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855.....	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856.....	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857.....	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858.....	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859.....	14,780,370.00	3,284,450.00	364,000.00	18,429,020.00
1860.....	23,473,634.00	2,259,390.00	209,660.00	25,938,704.00
1861.....	81,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862.....	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863.....	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864.....	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865.....	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866.....	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867.....	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868.....	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869.....	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870.....	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871.....	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872.....	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873.....	97,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793-1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Calendar year	Gold	Silver	Minor	Total value
1923.....	45,365,000.00	66,283,038.50	2,927,080.00	114,575,118.50
1924.....	206,010,000.00	21,627,040.00	2,309,690.00	229,946,730.00
1925.....	192,380,000.00	19,874,218.00	4,202,649.00	216,456,863.00
1926.....	78,540,565.00	19,825,806.50	4,461,630.00	102,828,001.50
1927.....	125,645,000.00	11,286,217.00	5,215,910.00	141,147,127.00
1928.....	177,360,000.00	8,748,667.00	3,664,670.00	189,773,337.00
1929.....	40,235,000.00	8,990,500.00	5,399,900.00	54,225,400.00
1930.....	2,440,000.00	2,658,300.00	3,632,210.00	8,730,510.00
1931.....	6,000,000.00	621,000.00	307,620.00	61,823,620.00
1932.....	66,665,000.00	1,962,200.00	195,620.00	68,422,820.00
1933.....	12,035,000.00	895,625.00	205,600.00	13,136,225.00
1934.....	.....	22,091,840.50	3,859,910.15	25,951,750.65
1935.....	.....	31,237,223.50	7,343,700.00	38,580,923.50
1936.....	.....	34,656,934.75	11,731,146.69	46,388,101.44
1937.....	.....	22,035,561.60	9,088,431.65	31,123,993.25
1938.....	.....	8,998,493.05	3,719,685.99	12,718,178.64
1939.....	.....	27,913,497.85	10,375,671.95	38,289,169.80
1940.....	.....	29,359,833.70	20,798,016.62	50,157,850.32
1941.....	.....	76,120,483.45	26,089,027.00	102,209,510.45
1942.....	.....	102,056,773.65	17,229,026.00	119,283,799.65
1943.....	.....	105,770,800.00	30,466,336.70	136,237,136.70
1944.....	.....	90,781,100.00	30,142,330.00	120,923,430.00
1945.....	.....	75,871,300.25	25,260,785.00	101,132,085.25
1946.....	.....	60,994,597.50	26,052,860.00	87,047,457.50
1947.....	.....	35,323,425.50	12,720,150.00	48,043,575.50
1948.....	.....	36,859,514.50	12,988,525.00	49,848,039.50
1949.....	.....	18,630,806.00	9,695,275.00	28,326,081.00
1950.....	.....	34,005,833.00	7,885,284.66	41,891,117.66
1951.....	.....	61,434,219.70	13,302,260.00	74,736,479.70
1952.....	.....	79,264,414.05	16,471,868.84	95,736,282.89
1953.....	.....	59,106,195.00	17,685,453.00	76,791,648.00
1954.....	.....	73,549,741.05	13,918,054.00	87,467,795.05
Total, 1874-1954	3,674,104,040.00	2,366,668,286.10	456,169,632.26	6,496,941,958.36
Grand total	4,526,218,477.50	2,513,958,184.40	468,260,075.81	7,508,436,737.71

VI--Annual gold coinage of the United States

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Total
1792	.....	.....	$27,950	$43,535	.....	.....	.....	$71,485.00
1793-95	.....	.....	60,800	16,995	.....	$165.00	.....	77,960.00
1796	.....	.....	91,770	32,030	.....	4,390.00	.....	128,190.00
1797	.....	.....	79,740	124,335	.....	1,535.00	.....	205,610.00
1798	.....	.....	174,830	37,255	.....	1,200.00	.....	213,285.00
1799	.....	.....	259,650	58,110	.....	.....	.....	317,760.00
1800	.....	.....	292,540	130,030	.....	.....	.....	422,570.00
1801	.....	.....	150,900	265,880	.....	6,530.00	.....	423,310.00
1802	.....	.....	89,790	167,530	.....	1,057.50	.....	258,377.50
1803	.....	.....	97,950	152,375	.....	8,317.50	.....	258,642.50
1804	.....	.....	.....	165,915	.....	4,452.50	.....	170,367.50
1805	.....	.....	.....	320,465	.....	4,040.00	.....	324,505.00
1806	.....	.....	.....	420,465	.....	17,030.00	.....	437,495.00
1807	.....	.....	.....	277,890	.....	6,775.00	.....	284,665.00
1808	.....	.....	.....	169,375	.....	.....	.....	169,375.00
1809	.....	.....	.....	501,435	.....	.....	.....	501,435.00
1810	.....	.....	.....	497,905	.....	.....	.....	497,905.00
1811	.....	.....	.....	290,435	.....	.....	.....	290,435.00
1812	.....	.....	.....	477,140	.....	.....	.....	477,140.00
1813	.....	.....	.....	77,270	.....	.....	.....	77,270.00
1814	.....	.....	.....	3,175	.....	.....	.....	3,175.00
1815	.....	.....	.....	.....	.....	.....	.....	.....
1816	.....	.....	.....	.....	.....	.....	.....	.....
1817	.....	.....	.....	242,940	.....	.....	.....	242,940.00
1818	.....	.....	.....	258,615	.....	.....	.....	258,615.00
1819	.....	.....	.....	1,319,030	.....	.....	.....	1,319,030.00
1820	.....	.....	.....	173,205	.....	16,120.00	.....	189,325.00
1821	.....	.....	.....	88,980	.....	.....	.....	88,980.00
1822	.....	.....	.....	72,425	.....	.....	.....	72,425.00
1823	.....	.....	.....	86,700	.....	6,500.00	.....	93,200.00
1824	.....	.....	.....	145,300	.....	11,085.00	.....	156,385.00
1825	.....	.....	.....	90,345	.....	1,900.00	.....	92,245.00
1826	.....	.....	.....	124,565	.....	7,000.00	.....	131,565.00
1827	.....	.....	.....	140,145	.....	.....	.....	140,145.00
1828	.....	.....	.....	287,210	.....	8,507.50	.....	295,717.50
1829	.....	.....	.....	631,755	.....	11,350.00	.....	643,105.00
1830	.....	.....	.....	702,970	.....	11,300.00	.....	714,270.00
1831	.....	.....	.....	787,435	.....	11,000.00	.....	798,435.00
1832	.....	.....	.....	968,150	.....	10,400.00	.....	978,550.00
1833	.....	.....	.....	3,660,845	.....	293,425.00	.....	3,954,270.00
1834	.....	.....	.....	1,857,670	.....	328,505.00	.....	2,186,175.00
1835	.....	.....	.....	2,765,725	.....	1,369,965.00	.....	4,135,700.00
1836	.....	.....	.....	1,035,605	.....	112,700.00	.....	1,148,305.00
1837	.....	.....	.....	1,600,420	.....	137,345.00	.....	1,809,765.00
1838	.....	.....	72,000	802,745	.....	191,622.50	.....	1,376,847.50
1839	.....	.....	382,480	1,048,530	.....	153,572.50	.....	1,675,482.50
1840	.....	.....	473,380	380,945	.....	54,602.50	.....	1,091,857.50
1841	.....	.....	656,310	655,330	.....	85,007.50	.....	1,829,407.50
1842	.....	.....	1,089,070	2,275,425	.....	1,327,132.50	.....	8,108,797.50
1843	.....	.....	2,506,240					

VI.--Annual gold coinage of the United States--Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Total
1844	.....	.....	$1,250,610	$4,087,715	.....	$89,345.00	.....	$5,427,670.00
1845	.....	.....	736,530	2,743,640	.....	276,277.50	.....	3,756,447.50
1846	.....	.....	1,018,750	2,736,155	.....	279,272.50	.....	4,034,177.50
1847	.....	.....	14,337,580	5,382,685	.....	482,060.00	.....	20,202,325.00
1848	.....	.....	1,813,340	1,863,560	.....	98,612.50	.....	3,775,512.50
1849	.....	.....	6,775,180	1,184,645	.....	111,147.50	$936,789	9,007,761.50
1850	.....	$26,225,220	3,489,510	860,160	.....	895,547.50	511,301	31,981,738.50
1851	.....	48,043,100	4,393,280	2,651,955	.....	3,867,337.50	3,658,820	62,614,492.50
1852	.....	44,860,520	2,811,060	3,689,635	.....	3,283,827.50	2,201,145	56,846,187.50
1853	.....	26,646,520	2,522,530	2,305,095	.....	3,519,615.00	4,384,149	39,377,909.00
1854	.....	18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,697,016	25,915,962.50
1855	.....	25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883	29,387,968.00
1856	.....	30,437,560	1,429,900	1,806,665	181,580	1,213,117.50	1,788,996	36,857,768.50
1857	.....	28,797,500	481,060	1,232,970	104,673	796,235.00	801,602	32,214,040.00
1858	.....	21,873,480	343,210	439,770	6,399	144,082.50	131,472	22,938,413.50
1859	.....	13,782,840	253,930	361,235	46,914	142,220.00	193,431	14,780,570.00
1860	.....	22,584,400	278,830	352,365	42,465	164,360.00	51,234	23,473,654.00
1861	.....	74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499	83,395,530.00
1862	.....	18,926,120	234,950	69,825	17,355	300,882.50	1,326,865	20,875,997.50
1863	.....	22,187,200	112,480	97,360	15,117	27,075.00	6,250	22,445,482.00
1864	.....	19,958,900	60,800	40,540	8,040	7,185.00	5,950	20,081,415.00
1865	.....	27,874,000	207,050	144,595	3,495	62,302.50	3,725	28,295,107.50
1866	.....	30,820,500	237,800	253,200	12,090	105,175.00	7,180	31,435,945.00
1867	.....	23,430,500	121,600	179,000	7,932	78,123.00	5,250	23,822,625.00
1868	.....	18,722,000	241,550	288,625	14,625	94,062.50	10,525	19,371,387.50
1869	.....	17,238,100	82,850	163,925	7,575	84,612.50	5,925	17,582,987.50
1870	.....	22,819,480	164,430	143,550	10,605	51,387.50	9,335	23,198,787.50
1871	.....	20,456,740	254,650	245,000	3,990	68,375.00	3,930	21,032,685.00
1872	.....	21,230,600	244,500	275,350	6,090	52,575.00	3,530	21,812,645.00
1873	.....	55,456,700	173,680	754,605	75	512,562.50	125,125	57,022,747.50
Total: 1793-1873	.....	680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927	852,114,437.50
1874	.....	33,917,700	799,270	203,530	125,460	9,850.00	198,820	35,254,630.00
1875	.....	32,737,820	78,350	105,240	60	30,050.00	420	32,951,940.00
1876	.....	46,386,920	104,280	61,820	135	23,052.50	3,245	46,579,452.50
1877	.....	43,504,700	211,490	182,660	4,464	92,630.00	3,920	43,999,864.00
1878	.....	47,916,500	1,011,640	1,427,470	246,972	1,160,650.00	3,020	49,786,052.00
1879	.....	28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030	39,080,080.00
1880	.....	17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636	62,308,279.00
1881	.....	14,585,200	48,796,250	33,458,430	1,690	1,700.00	7,660	96,850,890.00
1882	.....	23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040	65,887,685.00
1883	.....	24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840	29,241,990.00
1884	.....	19,944,200	2,110,800	1,922,230	3,318	4,982.50	6,206	23,991,756.50
1885	.....	13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205	27,773,012.50
1886	.....	22,120	10,621,600	18,228,160	3,420	10,220.00	6,010	28,945,542.00
1887	.....	5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543	23,972,383.00
1888	.....	21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080	31,380,808.00
1889	.....	16,993,120	4,298,850	37,825	7,287	44,120.00	30,729	21,413,931.00

1890	.....	19,399,080	755,430	290,640	.....	22,032.50	.....	20,467,182.50
1891	.....	25,891,340	1,956,000	1,347,065	.....	27,600.00	.....	29,222,005.00
1892	.....	19,238,760	9,817,600	5,724,700	.....	6,362.50	.....	34,787,222.50
1893	.....	27,178,320	20,132,450	9,610,985	.....	75,265.00	.....	56,997,020.00
1894	.....	48,350,800	26,032,780	5,152,275	.....	10,305.00	.....	79,546,160.00
1895	.....	45,163,120	7,148,260	7,289,680	.....	15,297.50	.....	59,616,397.50
1896	.....	43,931,760	2,000,980	1,072,315	.....	48,005.00	.....	47,053,060.00
1897	.....	97,070,220	12,774,090	6,109,415	.....	74,760.00	.....	76,028,485.00
1898	.....	54,912,900	12,857,970	10,154,475	.....	60,412.50	.....	77,985,757.50
1899	.....	73,593,680	21,403,520	16,278,645	.....	68,375.00	.....	111,344,220.00
1900	.....	86,681,680	3,749,600	8,673,650	.....	168,012.50	.....	99,272,942.50
1901	.....	34,150,520	46,036,160	21,320,200	.....	228,307.50	.....	101,735,187.50
1902	.....	35,697,580	5,520,130	5,557,810	.....	334,332.50	875,080	47,184,932.50
1903	.....	24,828,560	7,766,970	10,410,120	.....	503,142.50	175,178	43,683,970.50
1904	.....	227,819,440	2,709,880	2,445,680	.....	402,400.00	25,028	233,402,428.00
1905	.....	37,440,280	5,703,280	5,915,040	.....	544,860.00	35,041	49,638,441.00
1906	.....	55,113,800	16,903,920	6,334,100	.....	441,225.00	.....	78,793,045.00
1907	.....	96,656,620	26,838,790	7,970,960	.....	841,120.00	.....	131,907,490.00
1908	.....	109,263,200	14,813,360	6,149,430	.....	1,412,642.50	.....	131,638,632.50
1909	.....	59,774,140	3,987,530	21,910,490	.....	1,104,747.50	.....	88,776,907.50
1910	.....	60,788,340	34,863,440	7,840,250	.....	1,231,705.00	.....	104,723,735.00
1911	.....	36,392,000	5,866,950	12,018,195	.....	1,899,677.50	.....	56,176,822.50
1912	.....	2,996,480	7,050,830	5,910,720	.....	1,540,492.50	.....	17,498,522.50
1913	.....	11,926,760	5,080,710	6,620,495	.....	1,805,412.50	.....	25,433,377.50
1914	.....	40,926,400	7,025,500	3,785,625	.....	1,720,292.50	.....	53,457,817.50
1915	$150,950	14,391,000	4,100,750	3,760,375	.....	1,540,292.50	25,034	23,968,401.50
1916	.....	15,920,000	1,385,000	1,200,000	.....	.....	20,026	18,525,026.00
1917	.....	.....	.....	.....	.....	.....	10,014	10,014.00
1918	.....	.....	.....	.....	.....	.....	.....	.....
1919	.....	.....	.....	.....	.....	.....	.....	.....
1920	.....	15,725,000	1,265,000	.....	.....	.....	.....	16,990,000.00
1921	.....	10,570,000	.....	.....	.....	.....	.....	10,570,000.00
1922	.....	80,670,000	.....	.....	.....	.....	10,016	80,680,016.00
1923	.....	45,365,000	.....	.....	.....	.....	.....	45,365,000.00
1924	.....	206,010,000	.....	.....	.....	.....	.....	206,010,000.00
1925	.....	190,935,000	.....	.....	.....	1,445,000.00	.....	192,380,000.00
1926	.....	66,785,000	10,140,000	.....	.....	1,615,565.00	.....	78,540,565.00
1927	.....	124,675,000	.....	.....	.....	970,000.00	.....	125,645,000.00
1928	.....	176,320,000	.....	.....	.....	1,040,000.00	.....	177,360,000.00
1929	.....	35,595,000	.....	3,310,000	.....	1,130,000.00	.....	40,235,000.00
1930	.....	1,480,000	960,000	.....	.....	.....	.....	2,440,000.00
1931	.....	60,895,000	.....	.....	.....	.....	.....	60,895,000.00
1932	.....	22,035,000	44,630,000	.....	.....	.....	.....	66,665,000.00
1933	.....	8,910,000	3,125,000	.....	.....	.....	.....	12,035,000.00
Total: 1874-1933	150,950	2,801,646,120	521,177,910	325,669,960	$449,493	24,316,780.00	692,827	3,674,104,040.00
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754	4,526,218,477.30

VII. --Annual silver coinage of the United States

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents	Total
1793-95	.....	$204,791	$161,572.00	.....	.....	.....	$4,320.80	.....	$370,683.80
1796	.....	72,920	.....	$1,473.50	.....	$2,213.50	511.50	.....	77,118.50
1797	.....	7,776	1,959.00	63.00	.....	2,526.10	2,226.35	.....	14,550.45
1798	.....	327,536	.....	.....	.....	2,755.00	.....	.....	330,291.00
1799	.....	423,515	.....	.....	.....	.....	.....	.....	423,515.00
1800	.....	220,920	.....	.....	.....	2,176.00	1,200.00	.....	224,296.00
1801	.....	34,454	19,144.50	.....	.....	3,466.00	1,695.50	.....	74,758.00
1802	.....	41,650	14,943.00	.....	.....	1,097.50	650.50	.....	58,343.00
1803	.....	66,064	15,857.50	.....	.....	3,304.00	1,892.50	.....	87,118.00
1804	.....	19,570	78,259.50	1,684.50	.....	826.50	.....	.....	100,340.50
1805	.....	321	105,861.00	30,348.50	.....	12,078.00	780.00	.....	149,388.50
1806	.....	.....	419,788.00	51,531.00	.....	.....	.....	.....	471,319.00
1807	.....	.....	525,788.00	55,160.75	.....	16,500.00	.....	.....	597,448.75
1808	.....	.....	684,300.00	.....	.....	.....	.....	.....	684,300.00
1809	.....	.....	702,905.00	.....	.....	4,471.00	.....	.....	707,376.00
1810	.....	.....	638,138.00	.....	.....	635.50	.....	.....	638,773.50
1811	.....	.....	601,822.00	.....	.....	6,518.00	.....	.....	608,340.00
1812	.....	.....	814,029.50	.....	.....	.....	.....	.....	814,029.50
1813	.....	.....	620,951.50	.....	.....	.....	.....	.....	620,951.50
1814	.....	.....	519,537.50	.....	.....	42,150.00	.....	.....	561,687.50
1815	.....	.....	.....	17,308.00	.....	.....	.....	.....	17,308.00
1816	.....	.....	23,575.00	5,000.75	.....	.....	.....	.....	28,575.75
1817	.....	.....	607,783.50	.....	.....	.....	.....	.....	607,783.50
1818	.....	.....	980,161.00	90,293.50	.....	.....	.....	.....	1,070,454.50
1819	.....	.....	1,104,000.00	36,000.00	.....	.....	.....	.....	1,140,000.00
1820	.....	.....	375,361.00	31,861.00	.....	94,258.70	.....	.....	501,480.70
1821	.....	.....	652,978.50	54,214.75	.....	118,651.40	.....	.....	825,762.45
1822	.....	.....	779,786.50	16,020.00	.....	10,000.00	.....	.....	805,806.50
1823	.....	.....	847,100.00	4,450.00	.....	44,000.00	.....	.....	895,550.00
1824	.....	.....	1,752,477.00	.....	.....	.....	.....	.....	1,752,477.00
1825	.....	.....	1,471,583.00	42,000.00	.....	51,000.00	.....	.....	1,564,583.00
1826	.....	.....	2,002,090.00	.....	.....	.....	.....	.....	2,002,090.00
1827	.....	.....	2,746,700.00	1,250.00	.....	121,050.00	.....	.....	2,869,000.00
1828	.....	.....	1,537,600.00	25,500.00	.....	12,500.00	.....	.....	1,575,600.00
1829	.....	.....	1,856,078.00	.....	.....	77,000.00	61,500.00	.....	1,994,578.00
1830	.....	.....	2,382,400.00	.....	.....	51,000.00	62,000.00	.....	2,495,400.00
1831	.....	.....	2,936,830.00	99,500.00	.....	77,135.00	62,135.00	.....	3,175,600.00
1832	.....	.....	2,398,500.00	80,000.00	.....	52,250.00	48,250.00	.....	2,579,000.00
1833	.....	.....	2,603,000.00	39,000.00	.....	46,500.00	68,500.00	.....	2,759,000.00
1834	.....	.....	2,206,000.00	71,500.00	.....	63,500.00	74,000.00	.....	3,413,000.00
1835	.....	.....	2,676,003.00	488,000.00	.....	141,000.00	138,000.00	.....	3,443,003.00
1836	.....	1,000	3,273,100.00	118,000.00	.....	119,000.00	95,000.00	.....	3,606,100.00
1837	.....	.....	1,814,910.00	63,100.00	.....	104,200.00	113,800.00	.....	2,096,010.00
1838	.....	.....	1,773,000.00	208,000.00	.....	239,493.40	112,750.00	.....	2,333,243.40
1839	.....	.....	1,748,768.00	122,786.50	.....	229,638.70	108,285.00	.....	2,209,678.20
1840	.....	61,005	1,145,854.00	153,331.75	.....	233,358.00	113,954.25	.....	1,726,703.00
1841	.....	173,000	355,500.00	143,000.00	.....	363,000.00	98,250.00	.....	1,132,750.00
1842	.....	184,618	1,484,882.00	214,250.00	.....	390,750.00	58,250.00	.....	2,332,750.00

1843		165,100	3,056,000.00	403,400.00		152,000.00	58,250.00		3,834,750.00
1844		20,000	1,885,500.00	290,300.00		7,250.00	32,500.00		2,235,550.00
1845		24,500	1,341,500.00	230,500.00		198,500.00	78,200.00		1,873,200.00
1846		169,600	2,257,000.00	127,500.00		3,130.00	1,350.00		2,558,580.00
1847		140,750	1,870,000.00	275,500.00		24,500.00	63,700.00		2,374,450.00
1848		15,000	1,880,000.00	36,500.00		45,150.00	63,400.00		2,040,050.00
1849		64,600	1,781,000.00	85,000.00		113,900.00	72,450.00		2,114,950.00
1850		47,500	1,341,500.00	150,700.00		244,150.00	82,250.00		1,866,100.00
1851		1,300	301,375.00	62,000.00		142,650.00	82,050.00	$185,022.00	774,397.00
1852		1,100	110,565.00	68,265.00		196,550.00	63,025.00	559,905.00	999,410.00
1853		46,110	2,430,354.00	4,146,555.00		1,327,301.00	785,251.00	342,000.00	9,077,571.00
1854		33,140	4,111,000.00	3,466,830.00		624,000.00	365,000.00	20,130.00	8,619,270.00
1855		26,000	2,288,725.00	897,350.00		207,500.00	117,500.00	4,170.00	3,501,245.00
1856		63,500	1,903,500.00	2,129,500.00		703,000.00	299,000.00	43,740.00	5,142,240.00
1857		94,000	1,482,000.00	2,726,500.00		712,000.00	433,000.00	31,260.00	5,478,760.00
1858			5,998,000.00	2,002,250.00		189,000.00	258,000.00	48,120.00	8,495,370.00
1859		636,500	2,074,000.00	421,000.00		97,000.00	45,000.00	10,950.00	3,284,450.00
1860		733,930	1,032,650.00	312,350.00		78,700.00	92,950.00	8,610.00	2,259,390.00
1861		78,500	2,078,950.00	1,237,650.00		209,650.00	164,050.00	14,940.00	3,783,740.00
1862		12,090	828,175.00	249,887.50		102,830.00	74,627.50	10,906.50	1,252,516.50
1863		27,660	709,830.00	48,015.00		17,196.00	5,923.00	643.80	809,267.80
1864		31,170	518,785.00	28,517.50		26,907.00	4,523.50	14.10	609,917.10
1865		47,000	593,450.00	25,075.00		18,550.00	6,675.00	255.00	691,005.00
1866		49,625	899,812.50	11,381.25		14,372.50	6,536.25	681.75	982,409.25
1867		60,325	810,162.50	17,156.25		14,662.50	6,431.25	138.75	908,876.25
1868		182,700	769,100.00	31,550.00		72,625.00	18,295.00	123.00	1,074,343.00
1869		424,300	725,950.00	23,150.00		70,660.00	21,930.00	153.00	1,266,143.00
1870		445,462	829,758.50	23,935.00		52,150.00	26,830.00	120.00	1,378,255.50
1871		1,117,136	1,741,655.00	53,255.50		109,371.00	82,493.00	127.80	3,104,038.30
1872		1,118,600	866,775.00	68,762.50		261,045.00	189,247.50	58.50	2,504,488.50
1873		$1,225,000	296,600	1,593,780.00	414,190.50		443,329.10	51,830.00	18.00	4,024,747.60
Total: 1793-1873		1,225,000	8,031,236	100,541,253.00	22,288,821.50		9,242,079.20	4,880,219.40	1,282,087.20	147,489,898.30
1874		4,910,000		1,406,650.00	215,975.00		319,151.70			6,851,776.70
1875		6,279,600		5,117,750.00	1,278,375.00	$265,598	2,406,570.00			15,347,893.00
1876		6,192,150		7,451,575.00	7,839,287.50	5,180	3,015,115.00			24,503,307.50
1877		13,092,710		7,540,200.00	6,824,927.50	102	1,735,051.00			28,393,043.50
1878		4,259,900	22,495,550	726,200.00	849,200.00	120	187,680.00			28,518,850.00
1879		1,541	27,560,100	2,950.00	3,675.00		1,510.00			27,569,776.00
1880		1,987	27,397,355	4,877.50	3,738.75		3,735.50			27,411,693.75
1881		960	27,927,975	5,487.50	3,243.75		2,497.50			27,940,163.75
1882		1,097	27,574,100	2,720.00	4,075.00		391,110.00			27,973,132.00
1883		979	28,470,039	4,319.50	3,859.75		767,571.20			29,246,968.45
1884			28,136,875	2,637.50	2,218.75		393,134.90			28,534,866.15
1885			28,697,767	3,065.00	3,632.50		257,711.70			28,962,176.20
1886			31,423,886	2,943.00	1,471.50		658,409.40			32,086,709.90
1887			33,611,710	2,855.00	2,677.50		1,573,838.90			35,191,081.40
1888			31,990,833	6,416.50	306,708.25		721,648.70			33,025,606.45
1889			34,651,811	6,355.50	3,177.75		835,338.90			35,496,683.15
1890			38,043,004	6,295.00	20,147.50		1,133,461.70			39,202,908.20
1891			23,562,735	100,300.00	1,551,150.00		2,304,671.60			27,518,856.60
1892			6,333,245	1,462,136.50	2,960,331.00		1,695,365.30			12,641,078.00
1893			1,455,792	4,003,948.50	2,583,843.25		759,219.30			8,802,803.05

VII. --Annual silver coinage of the United States--Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents	Total
1894	.....	$3,093,972	$3,667,831.00	$2,233,648.25	.....	$205,099.60	.....	.....	$9,200,350.85
1895	.....	862,680	2,354,652.00	2,255,390.25	.....	225,088.00	.....	.....	5,698,010.25
1896	.....	19,876,762	1,507,855.00	1,386,700.25	.....	318,581.80	.....	.....	23,089,899.05
1897	.....	12,651,731	2,023,315.50	2,524,440.00	.....	1,287,810.80	.....	.....	18,487,297.30
1898	.....	14,426,735	3,094,642.50	3,497,331.75	.....	2,015,324.20	.....	.....	23,034,033.45
1899	.....	15,182,866	4,474,668.50	3,994,211.50	.....	2,409,833.90	.....	.....	26,061,519.90
1900	.....	25,010,938	5,033,617.00	3,822,874.25	.....	2,477,918.20	.....	.....	36,345,347.45
1901	.....	22,566,813	3,119,928.50	2,644,369.25	.....	2,507,330.00	.....	.....	30,838,460.75
1902	.....	18,160,777	4,434,723.50	4,617,589.00	.....	2,799,077.70	.....	.....	30,028,167.20
1903	.....	10,343,735	3,149,763.50	3,351,316.00	.....	2,629,405.50	.....	.....	19,874,440.00
1904	.....	8,812,650	2,331,654.00	3,011,203.25	.....	1,540,102.70	.....	.....	15,695,609.95
1905	.....	.....	1,830,863.50	2,020,562.50	.....	2,480,754.90	.....	.....	6,332,180.90
1906	.....	.....	5,426,414.50	2,248,108.75	.....	2,976,504.60	.....	.....	10,651,027.85
1907	.....	.....	5,825,387.50	3,899,143.75	.....	3,453,704.50	.....	.....	13,178,435.75
1908	.....	.....	5,819,686.50	4,262,136.25	.....	2,309,954.50	.....	.....	12,391,777.25
1909	.....	.....	2,529,025.00	4,110,662.50	.....	1,448,165.00	.....	.....	8,087,852.50
1910	.....	.....	1,183,275.50	936,137.75	.....	1,625,055.10	.....	.....	3,744,468.35
1911	.....	.....	1,686,811.50	1,410,535.75	.....	3,359,954.30	.....	.....	6,457,301.55
1912	.....	.....	2,610,750.00	1,277,175.00	.....	3,453,070.00	.....	.....	7,340,995.00
1913	.....	.....	663,313.50	493,853.25	.....	2,027,062.20	.....	.....	3,184,228.95
1914	.....	.....	558,305.00	2,388,162.75	.....	3,136,865.50	.....	.....	6,083,823.00
1915	.....	.....	1,486,440.00	1,969,612.50	.....	658,045.00	.....	.....	4,114,097.50
1916	.....	.....	1,065,200.00	2,095,200.00	.....	5,720,400.00	.....	.....	8,880,800.00
1917	.....	.....	10,751,700.00	9,464,400.00	.....	9,196,200.00	.....	.....	29,412,300.00
1918	.....	.....	10,434,549.00	8,173,000.00	.....	6,865,480.00	.....	.....	25,473,029.00
1919	.....	.....	1,839,500.00	3,776,000.00	.....	5,452,900.00	.....	.....	11,068,400.00
1920	.....	.....	6,398,570.00	9,456,600.00	.....	9,202,100.00	.....	.....	25,057,270.00
1921	.....	87,736,473	611,062.50	479,000.00	.....	231,000.00	.....	.....	89,057,535.50
1922	.....	84,275,000	50,030.50	.....	.....	.....	.....	.....	84,325,030.50
1923	.....	56,631,000	1,226,038.50	2,769,000.00	.....	5,657,000.00	.....	.....	66,283,038.50
1924	.....	13,539,000	71,040.00	4,223,000.00	.....	3,794,000.00	.....	.....	21,627,040.00
1925	.....	11,808,000	1,338,518.00	3,070,000.00	.....	3,657,700.00	.....	.....	19,874,218.00
1926	.....	11,267,700	574,306.50	3,933,000.00	.....	4,050,800.00	.....	.....	19,825,806.50
1927	.....	2,982,900	1,216,017.00	3,321,100.00	.....	3,766,200.00	.....	.....	11,286,217.00
1928	.....	1,992,649	1,000,018.00	2,651,900.00	.....	3,104,100.00	.....	.....	8,748,667.00
1929	.....	.....	1,451,600.00	3,565,500.00	.....	3,573,400.00	.....	.....	8,590,500.00
1930	.....	.....	.....	1,797,000.00	.....	861,300.00	.....	.....	2,658,300.00
1931	.....	.....	.....	.....	.....	621,000.00	.....	.....	621,000.00
1932	.....	.....	.....	.....	.....	.....	.....	.....	1,562,200.00
1933	.....	.....	895,625.00	.....	.....	.....	.....	.....	895,625.00
1934	.....	3,534,557	6,612,270.50	8,859,813.00	.....	3,085,200.00	.....	.....	22,091,840.50
1935	.....	3,540,000	8,201,523.50	10,981,000.00	.....	8,514,700.00	.....	.....	31,237,223.50
1936	.....	.....	10,745,862.50	12,626,459.25	.....	11,284,613.00	.....	.....	34,656,954.75
1937	.....	.....	6,824,600.50	7,135,785.50	.....	8,075,175.60	.....	.....	22,035,561.60
1938	.....	.....	2,337,909.00	3,078,011.25	.....	3,982,572.80	.....	.....	8,998,493.05
1939	.....	.....	6,827,987.00	10,817,198.75	.....	10,268,332.10	.....	.....	27,913,497.85
1940	.....	.....	6,858,639.50	11,689,211.50	.....	10,811,982.70	.....	.....	29,359,833.70

1941	.....	.....	23,776,906.00	27,969,521.75	.....	26,383,059.70	.....	.....	.....	76,129,487.45
1942	.....	.....	31,760,660.00	34,797,080.75	.....	31,547,232.90	.....	.....	.....	108,104,973.65
1943	.....	.....	38,993,000.00	34,773,900.00	.....	32,405,900.00	.....	.....	.....	105,172,800.00
1944	.....	.....	23,439,500.00	33,029,200.00	.....	34,117,400.00	.....	.....	.....	90,781,100.00
1945	.....	.....	25,812,400.00	25,909,400.25	.....	28,129,900.00	.....	.....	.....	79,851,700.25
1946	.....	.....	9,897,325.50	36,078,200.00	.....	34,619,350.00	.....	.....	.....	80,594,875.50
1947	.....	.....	4,145,243.50	10,856,600.00	.....	20,319,900.00	.....	.....	.....	95,323,481.50
1948	.....	.....	2,547,714.50	16,980,700.00	.....	16,331,100.00	.....	.....	.....	36,859,514.50
1949	.....	.....	6,797,306.00	4,845,100.00	.....	7,048,400.00	.....	.....	.....	18,690,806.00
1950	.....	.....	8,180,604.00	14,082,770.00	.....	11,742,450.00	.....	.....	.....	34,005,823.00
1951	.....	.....	20,347,439.00	21,997,775.00	.....	19,109,660.20	.....	.....	.....	61,454,874.20
1952	.....	.....	27,188,499.00	25,991,268.29	.....	26,564,157.30	.....	.....	.....	79,743,924.59
1953	.....	.....	11,981,671.00	22,198,330.00	.....	22,923,192.00	.....	.....	.....	57,103,193.00
1954	.....	.....	22,003,239.90	27,196,431.25	.....	26,340,060.30	.....	.....	.....	771,543,741.65
Total: 1874-1954	.....	$34,740,924	847,629,915	441,972,261.90	524,188,960.90	$271,000	517,665,825.10	.....	$1,289,087.20	2,366,468,289.10
Grand total	.....	35,965,924	855,661,153	542,513,514.90	546,476,382.00	271,000	526,907,904.30	$4,880,219.40	$1,289,087.20	2,513,956,184.40

VIII--Annual minor coinage of the United States

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1793-95	.....	.....	.....	$10,677.33	$695.67	$11,373.00
1796	.....	.....	.....	9,747.00	577.40	10,324.40
1797	.....	.....	.....	8,975.10	535.24	9,510.34
1798	.....	.....	.....	9,797.00	.....	9,797.00
1799	.....	.....	.....	9,045.85	60.83	9,106.68
1800	.....	.....	.....	28,221.75	1,057.65	29,279.40
1801	.....	.....	.....	13,628.37	.....	13,628.37
1802	.....	.....	.....	34,351.00	71.83	34,422.83
1803	.....	.....	.....	24,713.53	489.50	25,203.03
1804	.....	.....	.....	7,568.38	5,276.56	12,844.94
1805	.....	.....	.....	9,411.16	4,072.32	13,483.48
1806	.....	.....	.....	3,480.00	1,780.00	5,260.00
1807	.....	.....	.....	7,272.21	2,380.00	9,652.21
1808	.....	.....	.....	11,090.00	2,000.00	13,090.00
1809	.....	.....	.....	2,228.67	5,772.86	8,001.53
1810	.....	.....	.....	14,585.00	1,075.00	15,660.00
1811	.....	.....	.....	2,180.25	315.70	2,495.95
1812	.....	.....	.....	10,755.00	.....	10,755.00
1813	.....	.....	.....	4,180.00	.....	4,180.00
1814	.....	.....	.....	3,578.30	.....	3,578.30
1815	.....	.....	.....	.....	.....	.....
1816	.....	.....	.....	28,209.82	.....	28,209.82
1817	.....	.....	.....	39,484.00	.....	39,484.00
1818	.....	.....	.....	31,670.00	.....	31,670.00
1819	.....	.....	.....	26,710.00	.....	26,710.00
1820	.....	.....	.....	44,075.50	.....	44,075.50
1821	.....	.....	.....	3,890.00	.....	3,890.00
1822	.....	.....	.....	20,723.39	.....	20,723.39
1823	.....	.....	.....	.....	.....	.....
1824	.....	.....	.....	12,620.00	.....	12,620.00
1825	.....	.....	.....	14,611.00	315.00	14,926.00
1826	.....	.....	.....	15,174.25	1,170.00	16,344.25
1827	.....	.....	.....	23,577.32	.....	23,577.32
1828	.....	.....	.....	22,606.24	3,030.00	25,636.24
1829	.....	.....	.....	14,145.00	2,435.00	16,580.00
1830	.....	.....	.....	17,115.00	.....	17,115.00
1831	.....	.....	.....	33,592.60	11.00	33,603.60
1832	.....	.....	.....	23,620.00	.....	23,620.00
1833	.....	.....	.....	27,390.00	770.00	28,160.00
1834	.....	.....	.....	18,551.00	600.00	19,151.00
1835	.....	.....	.....	38,784.00	705.00	39,489.00
1836	.....	.....	.....	21,110.00	1,990.00	23,100.00
1837	.....	.....	.....	55,583.00	.....	55,583.00
1838	.....	.....	.....	63,702.00	.....	63,702.00
1839	.....	.....	.....	31,286.61	.....	31,286.61
1840	.....	.....	.....	24,627.00	.....	24,627.00
1841	.....	.....	.....	15,973.67	.....	15,973.67
1842	.....	.....	.....	23,833.90	.....	23,833.90
1843	.....	.....	.....	24,283.20	.....	24,283.20
1844	.....	.....	.....	23,987.52	.....	23,987.52
1845	.....	.....	.....	38,948.04	.....	38,948.04
1846	.....	.....	.....	41,208.00	.....	41,208.00
1847	.....	.....	.....	61,836.69	.....	61,836.69
1848	.....	.....	.....	64,197.99	.....	64,197.99
1849	.....	.....	.....	41,785.00	199.32	41,984.32
1850	.....	.....	.....	44,268.44	199.06	44,467.50
1851	.....	.....	.....	98,897.07	738.36	99,635.43
1852	.....	.....	.....	50,630.94	.....	50,630.94
1853	.....	.....	.....	66,411.31	648.47	67,059.78
1854	.....	.....	.....	42,361.56	276.79	42,638.35
1855	.....	.....	.....	15,748.29	282.50	16,030.79
1856	.....	.....	.....	26,904.13	202.15	27,106.78
1857	.....	.....	.....	177,834.56	175.90	178,010.46
1858	.....	.....	.....	246,000.00	.....	246,000.00
1859	.....	.....	.....	364,000.00	.....	364,000.00
1860	.....	.....	.....	205,660.00	.....	205,660.00
1861	.....	.....	.....	101,000.00	.....	101,000.00
1862	.....	.....	.....	280,750.00	.....	280,750.00
1863	.....	.....	.....	498,400.00	.....	498,400.00
1864	.....	.....	.....	529,737.14	.....	926,687.14
1865	.....	.....	.....	354,292.86	.....	968,552.86
1866	.....	$341,460.00	$396,950.00	98,265.00	.....	1,042,960.00
1867	$739,125.00	144,030.00	278,800.00	98,210.00	.....	1,819,910.00
1868	1,545,475.00	117,450.00	63,540.00	102,665.00	.....	1,697,150.00
1869	1,440,850.00	97,560.00	58,775.00	64,200.00	.....	963,000.00
1870	819,750.00	48,120.00	56,075.00	52,750.00	.....	350,325.00
1871	240,300.00	40,050.00	30,930.00	39,295.00	.....	99,890.00
	28,050.00	18,120.00	17,225.00			
			14,425.00			

VIII--Annual minor coinage of the United States--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1872	$301,800.00	$25,860.00	$1,300.00	$40,420.00	.....	$369,380.00
1873	227,500.00	35,190.00	.....	116,765.00	.....	379,455.00
Total, 1793-1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	$39,909.11	12,090,443.55
1874	176,900.00	23,700.00	.....	141,875.00	.....	342,475.00
1875	104,850.00	6,840.00	.....	135,280.00	.....	246,970.00
1876	126,500.00	4,860.00	.....	79,440.00	.....	210,800.00
1877	.....	.....	.....	8,525.00	.....	8,525.00
1878	117.50	70.50	.....	57,998.50	.....	58,186.50
1879	1,455.00	1,236.00	.....	162,312.00	.....	165,003.00
1880	997.75	748.65	.....	389,649.55	.....	391,395.95
1881	3,618.75	32,417.25	.....	392,115.75	.....	428,151.75
1882	573,830.00	759.00	.....	385,811.00	.....	960,400.00
1883	1,148,471.05	318.27	.....	455,981.09	.....	1,604,770.41
1884	563,697.10	169.26	.....	232,617.42	.....	796,483.78
1885	73,824.50	143.70	.....	117,653.84	.....	191,622.04
1886	166,514.50	128.70	.....	176,542.90	.....	343,186.10
1887	763,182.60	238.83	.....	452,264.83	.....	1,215,686.26
1888	536,024.15	1,232.49	.....	374,944.14	.....	912,200.78
1889	794,068.05	646.83	.....	488,693.61	.....	1,283,408.49
1890	812,963.60	.....	.....	571,828.54	.....	1,384,792.14
1891	841,717.50	.....	.....	470,723.30	.....	1,312,441.00
1892	584,982.10	.....	.....	376,498.42	.....	961,480.42
1893	668,309.75	.....	.....	466,421.95	.....	1,134,931.70
1894	270,656.60	.....	.....	167,521.32	.....	438,177.92
1895	408,794.20	.....	.....	383,436.36	.....	882,430.56
1896	442,146.80	.....	.....	390,572.83	.....	832,718.93
1897	1,021,436.75	.....	.....	504,663.30	.....	1,526,100.05
1898	626,604.35	.....	.....	498,230.79	.....	1,124,835.14
1899	1,301,491.55	.....	.....	536,000.31	.....	1,837,491.86
1900	1,362,799.75	.....	.....	668,337.64	.....	2,031,137.39
1901	1,324,010.65	.....	.....	796,111.43	.....	2,120,122.08
1902	1,974,028.95	.....	.....	873,769.22	.....	2,447,798.17
1903	1,400,336.25	.....	.....	850,944.93	.....	2,251,281.18
1904	1,070,249.20	.....	.....	613,280.15	.....	1,683,529.35
1905	1,470,243.80	.....	.....	807,191.63	.....	2,298,555.43
1906	1,930,686.25	.....	.....	960,222.55	.....	2,890,908.80
1907	1,960,740.00	.....	.....	1,081,386.18	.....	3,042,126.18
1908	1,134,308.85	.....	.....	334,429.87	.....	1,468,738.72
1909	979,526.30	.....	.....	1,176,862.63	.....	1,756,388.93
1910	1,508,467.65	.....	.....	1,528,462.18	.....	3,036,929.83
1911	1,977,968.60	.....	.....	1,178,757.87	.....	3,156,726.47
1912	1,747,463.50	.....	.....	829,930.60	.....	2,577,386.30
1913	3,682,861.95	.....	.....	984,373.52	.....	4,667,339.47
1914	1,402,386.90	.....	.....	805,684.32	.....	2,208,071.22
1915	1,503,088.90	.....	.....	559,751.20	.....	2,062,839.70
1916	4,434,553.30	.....	.....	1,902,996.77	.....	6,337,550.07
1917	3,276,391.45	.....	.....	2,841,697.85	.....	6,118,089.30
1918	2,266,519.70	.....	.....	3,706,146.34	.....	5,972,662.04
1919	3,819,750.00	.....	.....	5,889,350.00	.....	9,709,100.00
1920	4,160,000.00	.....	.....	4,056,650.00	.....	8,166,650.00
1921	611,000.00	.....	.....	544,310.00	.....	1,155,310.00
1922	.....	.....	.....	71,600.00	.....	71,600.00
1923	2,092,850.00	.....	.....	834,230.00	.....	2,927,080.00
1924	1,415,750.00	.....	.....	893,940.00	.....	2,309,690.00
1925	2,313,555.00	.....	.....	1,889,090.00	.....	4,202,645.00
1926	2,565,050.00	.....	.....	1,896,580.00	.....	4,461,630.00
1927	2,397,050.00	.....	.....	1,858,860.00	.....	4,255,910.00
1928	1,839,150.00	.....	.....	1,825,520.00	.....	3,664,670.00
1929	2,628,500.00	.....	.....	2,771,400.00	.....	5,399,900.00
1930	1,414,200.00	.....	.....	2,218,010.00	.....	3,632,210.00
1931	60,000.00	.....	.....	247,420.00	.....	307,420.00
1932	.....	.....	.....	195,620.00	.....	195,620.00
1933	.....	.....	.....	205,600.00	.....	205,600.00
1934	.....	.....	.....	2,475,260.00	.....	3,859,910.15
1935	1,384,650.15	.....	.....	3,310,900.00	.....	7,343,700.00
1936	4,032,800.00	.....	.....	3,793,875.69	.....	11,737,146.69
1937	7,937,271.00	.....	.....	3,941,093.20	.....	9,088,431.65
1938	5,147,338.45	.....	.....	1,918,867.34	.....	3,719,685.59
1939	1,800,818.25	.....	.....	3,837,095.20	.....	10,375,671.95
1940	6,538,576.75	.....	.....	7,811,558.72	.....	20,798,016.62
1941	12,786,457.90	.....	.....	11,080,991.00	.....	26,089,027.00
1942	15,008,036.00	.....	.....	9,501,166.00	.....	17,229,026.00
1943	7,727,860.00	.....	.....	10,938,386.70	.....	30,464,336.70
1944	19,525,950.00	.....	.....	21,487,380.00	.....	30,142,330.00
1945	8,654,950.00	.....	.....	14,485,530.00	.....	25,260,785.00
1946	10,775,255.00	.....	.....	15,054,450.00	.....	26,052,860.00
	10,998,410.00	.....	.....	.....	.....	.....

VIII--Annual minor coinage of the United States--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents	Total
1947	$7,877,100.00	.....	.....	$4,843,050.00	.....	$12,720,150.00
1948	7,269,100.00	.....	.....	5,719,425.00	.....	12,988,525.00
1949	5,343,300.00	.....	.....	4,351,975.00	.....	9,695,275.00
1950	623,870.80	.....	.....	7,261,413.86	.....	7,885,284.66
1951	2,842,275.00	.....	.....	10,459,985.00	.....	13,302,260.00
1952	5,763,999.00	.....	.....	10,707,869.84	.....	16,471,868.84
1953	6,293,115.00	.....	.....	11,392,338.00	.....	17,685,453.00
1954	9,721,895.90	.....	.....	4,196,158.90	.....	13,918,054.00
Total 1874-1954	231,211,216.90	$73,509.48	.....	224,884,905.88	.....	456,169,632.26
Grand total	$236,552,066.90	$941,349.48	$912,020.00	$229,814,730.32	$39,909.11	$468,260,075.81

IX.--Annual gold coinage, Philadelphia Mint

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793 to 1795	.....	$27,950	$43,535	.....	.....	.....
1796	.....	60,800	16,995	.....	$165.00	.....
1797	.....	91,770	32,030	.....	4,390.00	.....
1798	.....	79,740	124,335	.....	1,535.00	.....
1799	.....	176,830	37,255	.....	1,200.00	.....
1800	.....	259,650	58,110	.....	.....	.....
1801	.....	292,540	130,030	.....	.....	.....
1802	.....	150,900	265,080	.....	6,530.00	.....
1803	.....	89,790	167,530	.....	1,057.50	.....
1804	.....	97,950	152,375	.....	8,317.50	.....
1805	.....	.....	165,915	.....	4,452.50	.....
1806	.....	.....	320,465	.....	4,040.00	.....
1807	.....	.....	420,465	.....	17,030.00	.....
1808	.....	.....	277,890	.....	6,775.00	.....
1809	.....	.....	169,375	.....	.....	.....
1810	.....	.....	501,435	.....	.....	.....
1811	.....	.....	497,905	.....	.....	.....
1812	.....	.....	290,435	.....	.....	.....
1813	.....	.....	477,140	.....	.....	.....
1814	.....	.....	77,270	.....	.....	.....
1815	.....	.....	3,175	.....	.....	.....
1816	.....	.....	.....	.....	.....	.....
1817	.....	.....	.....	.....	.....	.....
1818	.....	.....	242,960	.....	.....	.....
1819	.....	.....	258,615	.....	.....	.....
1820	.....	.....	1,319,030	.....	.....	.....
1821	.....	.....	173,205	.....	16,120.00	.....
1822	.....	.....	88,980	.....	.....	.....
1823	.....	.....	72,425	.....	.....	.....
1824	.....	.....	86,700	.....	6,500.00	.....
1825	.....	.....	145,300	.....	11,085.00	.....
1826	.....	.....	90,345	.....	1,900.00	.....
1827	.....	.....	124,565	.....	7,000.00	.....
1828	.....	.....	140,145	.....	.....	.....
1829	.....	.....	287,210	.....	8,307.50	.....
1830	.....	.....	631,795	.....	11,350.00	.....
1831	.....	.....	702,970	.....	11,300.00	.....
1832	.....	.....	787,435	.....	11,000.00	.....
1833	.....	.....	968,150	.....	10,400.00	.....
1834	.....	.....	3,660,845	.....	293,425.00	.....
1835	.....	.....	1,857,670	.....	328,505.00	.....
1836	.....	.....	2,765,735	.....	1,369,965.00	.....
1837	.....	.....	1,035,605	.....	112,700.00	.....
1838	.....	72,000	1,432,940	.....	117,575.00	.....
1839	.....	382,480	590,715	.....	67,552.50	.....
1840	.....	473,380	686,910	.....	47,147.50	.....
1841	.....	631,310	79,165	.....	.....	.....
1842	.....	815,070	137,890	.....	7,057.50	.....
1843	.....	754,620	3,056,025	.....	251,365.00	.....
1844	.....	63,610	1,701,650	.....	16,960.00	.....
1845	.....	261,530	2,085,495	.....	227,627.50	.....
1846	.....	200,950	1,979,710	.....	53,995.00	.....
1847	.....	8,622,580	4,579,905	.....	74,535.00	.....
1848	.....	1,454,840	1,303,875	.....	22,215.00	.....
1849	.....	6,536,180	665,350	.....	58,235.00	$688,567
1850	$23,405,220	2,914,510	322,405	.....	632,307.50	481,953
1851	41,743,100	1,763,280	1,887,525	.....	3,431,870.00	3,317,671
1852	41,060,520	2,631,060	2,869,505	.....	2,899,202.50	2,045,351
1853	25,226,520	2,012,530	1,528,850	.....	3,511,670.00	4,076,051
1854	15,157,980	542,500	803,375	$415,854	1,490,645.00	1,639,445
1855	7,293,320	1,217,010	585,490	151,665	588,700.00	758,269
1856	6,597,560	604,900	989,950	78,030	960,600.00	1,762,936
1857	8,787,500	166,060	490,940	62,673	535,325.00	774,789
1858	4,234,280	25,210	75,680	6,399	118,442.50	117,995
1859	871,940	160,930	84,070	46,914	98,610.00	168,244
1860	11,553,400	117,830	99,125	21,465	56,687.50	36,668
1861	59,529,060	1,132,330	3,199,750	18,216	3,181,295.00	527,499
1862	1,842,660	109,900	22,325	17,355	280,882.50	1,326,865
1863	2,855,800	12,480	12,360	15,117	75.00	6,250
1864	4,085,700	35,800	21,100	8,040	7,185.00	5,950
1865	7,024,000	40,050	6,475	3,495	3,862.50	3,725
1866	13,975,500	37,800	33,600	12,090	7,775.00	7,180
1867	5,021,300	31,400	34,600	7,950	8,125.00	5,250
1868	1,972,000	106,550	28,625	14,625	9,062.50	10,525
1869	3,503,100	18,550	8,925	7,575	10,862.50	5,925
1870	3,103,700	25,350	20,175	10,605	11,387.50	6,335
1871	1,603,000	17,800	16,150	3,990	13,375.00	3,990

IX.--Annual gold coinage, Philadelphia Mint--Continued

Calendar year	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1872	$5,037,600	$16,500	$8,450	$6,090	$7,575.00	$3,530
1873	34,196,500	8,250	562,525	75	445,062.50	125,125
1874	7,336,000	531,600	17,540	125,460	9,850.00	198,820
1875	5,914,800	1,200	1,100	60	1,050.00	420
1876	11,678,100	7,320	7,385	135	10,552.50	3,245
1877	7,953,400	8,170	5,760	4,464	4,130.00	3,920
1878	10,872,900	738,000	658,700	246,972	715,650.00	3,020
1879	4,152,600	3,847,700	1,509,750	9,090	222,475.00	3,030
1880	1,029,120	16,448,760	15,832,180	3,108	7,490.00	1,636
1881	45,200	38,772,600	28,544,000	1,650	1,700.00	7,660
1882	12,600	23,244,800	12,572,800	4,620	10,100.00	5,040
1883	800	2,087,400	1,167,200	2,820	4,900.00	10,840
1884	1,420	769,050	955,240	3,318	4,982.50	6,206
1885	16,560	2,535,270	3,007,530	2,730	2,217.50	12,205
1886	22,120	2,361,600	1,942,160	3,426	10,220.00	6,016
1887	2,420	536,800	435	18,480	15,705.00	8,543
1888	4,525,320	1,329,960	91,480	15,873	40,245.00	16,080
1889	882,220	44,850	37,825	7,287	44,120.00	30,729
1890	1,519,900	580,430	21,640	.....	22,032.50	.....
1891	28,840	918,680	307,065	.....	27,600.00	.....
1892	90,460	7,975,320	3,767,860	.....	6,362.50	.....
1893	6,886,780	18,408,950	7,640,985	.....	75,265.00	.....
1894	27,379,800	24,707,780	4,789,775	.....	10,305.00	.....
1895	22,293,120	5,678,260	6,729,680	.....	15,297.50	.....
1896	15,853,260	763,480	295,315	.....	48,005.00	.....
1897	27,665,220	10,001,590	4,339,415	.....	74,760.00	.....
1898	3,409,400	8,121,970	3,167,475	.....	60,412.50	.....
1899	33,387,680	12,623,050	8,553,645	.....	68,375.00	.....
1900	37,491,680	2,939,600	7,028,650	.....	168,012.50	.....
1901	2,230,520	17,188,250	3,080,200	.....	228,307.50	.....
1902	625,080	825,130	862,810	.....	334,332.50	75,080
1903	5,748,560	1,259,260	1,135,120	.....	503,142.50	175,178
1904	125,135,940	1,620,380	1,960,680	.....	402,400.00	25,028
1905	1,180,220	2,010,780	1,511,540	.....	544,860.00	35,041
1906	1,393,800	1,654,970	1,744,100	.....	441,225.00	.....
1907	36,495,620	14,433,790	3,130,960	.....	841,120.00	.....
1908	88,558,200	3,749,860	4,999,430	.....	1,412,642.50	.....
1909	3,225,640	1,848,630	3,135,690	.....	1,104,747.50	.....
1910	9,643,340	3,187,040	3,021,250	.....	1,231,705.00	.....
1911	3,947,000	5,055,950	4,575,695	.....	1,760,477.50	.....
1912	2,996,480	4,050,830	3,950,720	.....	1,540,492.50	.....
1913	3,376,760	4,420,710	4,580,495	.....	1,805,412.50	.....
1914	1,906,400	1,510,500	1,235,625	.....	600,292.50	.....
1915	3,041,000	3,510,750	2,940,375	.....	1,515,250.00	.....
1916	.....	.....	.....	.....	.....	20,026
1917	.....	.....	.....	.....	.....	10,014
1918	.....	.....	.....	.....	.....	.....
1919	.....	.....	.....	.....	.....	.....
1920	4,565,000	.....	.....	.....	.....	.....
1921	10,570,000	.....	.....	.....	.....	.....
1922	27,510,000	.....	.....	.....	.....	10,016
1923	11,320,000	.....	.....	.....	.....	.....
1924	86,470,000	.....	.....	.....	.....	.....
1925	56,635,000	.....	.....	.....	.....	.....
1926	16,335,000	10,140,000	.....	.....	.....	.....
1927	58,935,000	.....	.....	.....	1,615,565.00	.....
1928	176,320,000	.....	.....	.....	970,000.00	.....
1929	35,395,000	.....	.....	.....	1,040,000.00	.....
1930	.....	.....	3,310,000	.....	1,330,000.00	.....
1931	58,765,000	.....	.....	.....	.....	.....
1932	22,035,000	44,630,000	.....	.....	.....	.....
1933	8,910,000	3,125,000	.....	.....	.....	.....
Total	1,423,602,540	345,549,320	209,848,105	1,357,716	42,413,887.50	18,573,821

X. --Annual silver coinage, Philadelphia Mint

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1793-95		$204,791	$161,572.00				$4,320.80	
1796		72,920		$1,473.50		$2,213.50	511.50	
1797		7,776	1,959.00	63.00		2,526.10	2,226.35	
1798		327,536				2,755.00		
1799		423,515						
1800		220,920				2,176.00	1,200.00	
1801		54,454	15,144.50			3,464.00	1,699.50	
1802		41,650	14,945.00			1,097.50	650.50	
1803		66,064	15,857.50			3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50		826.50		
1805		321	105,861.00	30,348.50		12,078.00	780.00	
1806			419,788.00	51,531.00				
1807			525,788.00	55,160.75		16,500.00		
1808			684,300.00					
1809			702,905.00			4,471.00		
1810			638,138.00			635.50		
1811			601,822.00			6,518.00		
1812			814,029.50					
1813			620,951.50					
1814			519,537.50			42,150.00		
1815				17,308.00				
1816			23,575.00	5,000.75				
1817			607,783.50					
1818			980,161.00	90,293.50				
1819			1,104,000.00	36,000.00		94,258.70		
1820			375,561.00	31,861.00		118,651.20		
1821			652,898.50	54,212.75		10,000.00		
1822			779,786.50	16,020.00		44,000.00		
1823			847,100.00	4,450.00				
1824			1,752,477.00			51,000.00		
1825			1,471,583.00	42,000.00				
1826			2,002,090.00			121,500.00		
1827			2,746,700.00	1,000.00		12,500.00		
1828			1,537,600.00	25,500.00		77,000.00	61,500.00	
1829			1,856,078.00			51,000.00	62,000.00	
1830			2,382,400.00			77,135.00	62,135.00	
1831			2,936,830.00	99,500.00		52,250.00	48,250.00	
1832			2,398,500.00	80,000.00		48,500.00	68,500.00	
1833			2,603,000.00	39,000.00		63,500.00	74,000.00	
1834			3,206,002.00	71,500.00		141,000.00	138,000.00	
1835			2,676,003.00	488,000.00		119,000.00	95,000.00	
1836		1,000	3,273,100.00	118,000.00		104,200.00	113,800.00	
1837			1,814,910.00	63,100.00		199,250.00	112,750.00	
1838			1,773,000.00	208,000.00		109,311.50	53,457.50	
1839		300	1,667,280.00	122,786.50		135,858.00	67,204.25	
1840		61,005	717,504.00	47,031.75		162,250.00	57,500.00	
1841		173,000	155,000.00	30,000.00		188,750.00	40,750.00	
1842		184,618	1,006,382.00	22,000.00				

X. --Annual silver coinage, Philadelphia Mint--Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1843	.....	$165,100	$1,922,000.00	$161,400.00	.....	$137,000.00	$58,250.00	.....
1844	.....	20,000	883,000.00	105,300.00	.....	7,250.00	21,500.00	.....
1845	.....	24,500	294,500.00	230,500.00	.....	175,500.00	78,200.00	.....
1846	.....	110,600	1,105,000.00	127,500.00	.....	3,130.00	1,350.00	.....
1847	.....	140,750	578,000.00	183,500.00	.....	24,500.00	63,700.00	.....
1848	.....	15,000	290,000.00	36,500.00	.....	45,150.00	33,400.00	.....
1849	.....	62,600	626,000.00	85,000.00	.....	83,900.00	65,450.00	.....
1850	.....	7,500	113,500.00	47,700.00	.....	193,150.00	47,750.00	.....
1851	.....	1,300	100,375.00	40,000.00	.....	102,650.00	39,050.00	$163,422.00
1852	.....	1,100	38,565.00	44,265.00	.....	153,550.00	50,025.00	559,905.00
1853	.....	46,110	1,766,354.00	3,813,555.00	.....	1,217,301.00	667,251.00	342,000.00
1854	.....	33,140	1,491,000.00	3,095,000.00	.....	447,000.00	287,000.00	20,130.00
1855	.....	26,000	379,750.00	714,250.00	.....	207,500.00	87,500.00	4,170.00
1856	.....	63,500	469,000.00	1,816,000.00	.....	578,000.00	244,000.00	43,740.00
1857	.....	94,000	994,000.00	2,411,000.00	.....	558,000.00	364,000.00	31,260.00
1858	.....	.....	2,113,000.00	1,842,000.00	.....	154,000.00	175,000.00	48,120.00
1859	.....	256,500	374,000.00	336,000.00	.....	43,000.00	17,000.00	10,950.00
1860	.....	218,930	151,850.00	201,350.00	.....	60,700.00	39,950.00	8,610.00
1861	.....	78,500	1,444,202.00	1,213,658.00	.....	192,400.00	164,050.00	14,940.00
1862	.....	12,090	126,175.00	233,137.50	.....	84,755.00	74,627.50	10,906.50
1863	.....	27,660	251,830.00	48,015.00	.....	1,446.00	923.00	643.80
1864	.....	31,170	189,785.00	23,517.50	.....	3,907.00	23.50	14.10
1865	.....	47,000	255,950.00	14,825.00	.....	1,050.00	675.00	255.00
1866	.....	49,625	372,812.50	4,381.25	.....	872.50	536.25	681.75
1867	.....	60,325	212,162.50	5,156.25	.....	662.50	431.25	138.75
1868	.....	182,700	189,100.00	7,500.00	.....	46,625.00	4,295.00	123.00
1869	.....	424,300	397,950.00	4,150.00	.....	25,660.00	10,430.00	153.00
1870	.....	433,000	300,450.00	21,850.00	.....	47,150.00	26,830.00	120.00
1871	.....	1,115,760	582,680.00	42,808.00	.....	75,361.00	74,443.00	127.80
1872	.....	1,106,450	440,775.00	45,737.50	.....	239,645.00	147,397.50	58.50
1873	$397,500	293,600	1,308,750.00	371,075.00	.....	394,710.00	35,630.00	18.00
1874	987,800	.....	1,180,150.00	117,975.00	.....	294,070.00	.....	.....
1875	218,900	.....	3,012,750.00	1,073,375.00	$7,940	1,035,170.00	.....	.....
1876	456,150	.....	4,209,575.00	4,454,287.50	3,180	1,146,115.00	.....	.....
1877	3,039,710	.....	4,152,255.00	2,727,927.50	102	731,051.00	.....	.....
1878	900	10,509,550	689,200.00	565,200.00	120	167,880.00	.....	.....
1879	1,541	14,807,100	2,950.00	3,675.00	.....	1,510.00	.....	.....
1880	1,987	12,601,355	4,877.50	3,738.75	.....	3,735.50	.....	.....
1881	960	9,163,975	5,487.50	3,243.75	.....	2,497.50	.....	.....
1882	1,097	11,101,100	2,750.00	4,075.00	.....	391,110.00	.....	.....
1883	979	12,291,039	4,519.50	3,859.75	.....	767,571.20	.....	.....
1884	.....	14,070,875	2,637.50	2,218.75	.....	336,638.00	.....	.....
1885	.....	17,787,767	3,065.00	3,632.50	.....	253,342.70	.....	.....
1886	.....	19,963,886	2,943.00	1,471.50	.....	637,757.00	.....	.....
1887	.....	20,290,710	2,855.00	2,677.50	.....	1,128,393.90	.....	.....
1888	.....	19,183,833	6,416.50	2,708.25	.....	549,648.70	.....	.....
1889	.....	21,726,811	6,355.50	3,177.75	.....	738,071.10	.....	.....
1890	.....	16,802,590	6,295.00	20,147.50	.....	991,154.10	.....	.....

1891			8,694,206	100,300.00	980,150.00		1,531,060.00		
1892			1,037,245	942,622.50	2,059,311.25		1,212,124.50		
1893			378,792	2,939,448.50	1,371,209.50		334,079.20		
1894			110,972	574,486.00	858,243.00		133,097.20		
1895			12,880	917,609.00	1,110,220.00		69,088.00		
1896			9,976,762	475,381.00	968,690.90		200,076.20		
1897			2,822,731	1,240,365.50	2,035,182.75		1,086,926.40		
1898			5,884,735	1,478,367.50	2,775,183.75		1,632,073.50		
1899			330,846	2,769,423.00	3,156,211.50		1,958,084.60		
1900			8,880,938	2,381,456.00	2,504,228.00		1,760,091.20		
1901			6,962,813	2,134,406.50	2,223,203.25		1,886,047.80		
1902			7,994,777	2,461,388.50	3,049,436.00		2,138,077.70		
1903			4,652,755	1,139,377.50	2,417,516.00		1,950,075.50		
1904			2,788,650	1,496,335.00	2,397,203.25		1,460,102.70		
1905				331,363.50	1,242,062.50		1,455,235.00		
1906				1,319,337.50	914,108.75		1,995,840.60		
1907				1,299,287.50	1,798,143.75		2,222,097.50		
1908				677,272.50	1,058,136.25		1,060,054.50		
1909				1,184,325.00	2,317,162.50		1,024,065.00		
1910				209,275.50	561,137.75		1,152,055.10		
1911				703,271.50	930,135.75		1,887,054.30		
1912				775,350.00	1,100,175.00		1,935,070.00		
1913				94,313.50	121,153.25		1,976,062.20		
1914				62,305.00	1,561,152.50		1,736,065.50		
1915				69,225.00	870,112.50		562,045.00		
1916				304,000.00	460,000.00		4,067,000.00		
1917				6,146,000.00	5,655,000.00		5,523,000.00		
1918				3,367,029.00	3,560,000.00		2,668,000.00		
1919				481,000.00	2,831,000.00		3,574,000.00		
1920				3,311,070.00	6,965,000.00		5,903,000.00		
1921			45,696,473	233,062.50	479,000.00		123,000.00		
1922			51,737,000	50,030.50					
1923			30,800,000		2,429,000.00		5,013,000.00		
1924			11,811,000	71,040.00	2,730,000.00		2,401,000.00		
1925			10,198,000	1,238,404.00	3,070,000.00		2,561,000.00		
1926			1,939,000	524,279.00	2,829,000.00		3,216,000.00		
1927			848,000	20,017.00	2,978,000.00		2,808,000.00		
1928			360,649	30,018.00	1,584,000.00		1,948,000.00		
1929					2,785,000.00		2,597,000.00		
1930					1,408,000.00		677,000.00		
1931							315,000.00		
1932					1,351,000.00				
1933							2,408,000.00		
1934			954,097	3,602,067.50	7,978,013.00		5,883,000.00		
1935			1,576,000	4,625,036.00	8,121,000.00		8,750,413.00		
1936				6,482,058.00	10,325,959.25		5,686,575.60		
1937				4,915,828.50	4,925,385.50		2,219,872.80		
1938				2,070,087.00	2,370,011.25		6,774,932.10		
1939				3,412,958.00	8,387,198.75		6,536,182.70		
1940				4,583,639.50	8,928,811.50		17,510,655.70		
1941				12,103,706.00	19,761,821.75		20,543,232.90		
1942				23,919,560.00	25,529,280.75		19,171,000.00		
1943				26,595,000.00	24,925,000.00		23,141,000.00		
1944				14,102,000.00	26,239,000.00				

X.--Annual silver coinage, Philadelphia Mint--Continued*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes	3 cents
1945	.....	.....	$15,751,000.00	$18,593,000.00	.....	$15,913,000.00	.....	.....
1946	.....	.....	6,609,301.50	13,359,000.00	.....	25,525,000.00	.....	.....
1947	.....	.....	2,097,008.50	5,639,000.00	.....	12,152,000.00	.....	.....
1948	.....	.....	1,513,409.50	8,799,000.00	.....	7,495,000.00	.....	.....
1949	.....	.....	2,813,002.00	2,328,000.00	.....	3,094,000.00	.....	.....
1950	.....	.....	3,902,756.50	6,242,878.00	.....	5,018,150.00	.....	.....
1951	.....	.....	8,739,851.00	10,876,400.50	.....	10,293,760.20	.....	.....
1952	.....	.....	11,640,182.50	9,715,518.25	.....	9,912,207.30	.....	.....
1953	.....	.....	1,402,461.50	4,666,230.00	.....	5,361,892.00	.....	.....
1954	.....	.....	6,716,754.50	13,661,375.75	.....	11,424,350.30	.....	.....
Total	5,107,524	423,758,122	293,477,669.50	351,038,193.00	11,342	319,123,604.00	3,948,791.90	1,260,487.20

XL.--Annual minor coinage, Philadelphia Mint

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793-1795	.....	.....	.....	$10,677.33	$695.67
1796	.....	.....	.....	9,747.00	577.40
1797	.....	.....	.....	8,975.10	535.24
1798	.....	.....	.....	9,797.00	.....
1799	.....	.....	.....	9,045.85	60.83
1800	.....	.....	.....	28,221.75	1,057.65
1801	.....	.....	.....	13,628.37	.....
1802	.....	.....	.....	34,351.00	71.83
1803	.....	.....	.....	24,713.53	489.50
1804	.....	.....	.....	7,568.38	5,276.56
1805	.....	.....	.....	9,411.16	4,072.32
1806	.....	.....	.....	3,480.00	1,780.00
1807	.....	.....	.....	7,272.21	2,380.00
1808	.....	.....	.....	11,090.00	2,000.00
1809	.....	.....	.....	2,228.67	5,772.86
1810	.....	.....	.....	14,585.00	1,075.00
1811	.....	.....	.....	2,180.25	315.70
1812	.....	.....	.....	10,755.00	.....
1813	.....	.....	.....	4,180.00	.....
1814	.....	.....	.....	3,578.30	.....
1815	.....	.....	.....	.....	.....
1816	.....	.....	.....	28,209.82	.....
1817	.....	.....	.....	39,484.00	.....
1818	.....	.....	.....	31,670.00	.....
1819	.....	.....	.....	26,710.00	.....
1820	.....	.....	.....	44,075.50	.....
1821	.....	.....	.....	3,890.00	.....
1822	.....	.....	.....	20,723.39	.....
1823	.....	.....	.....	.....	.....
1824	.....	.....	.....	12,620.00	.....
1825	.....	.....	.....	14,611.00	315.00
1826	.....	.....	.....	15,174.25	1,170.00
1827	.....	.....	.....	23,577.32	.....
1828	.....	.....	.....	22,606.24	3,030.00
1829	.....	.....	.....	14,145.00	2,435.00
1830	.....	.....	.....	17,115.00	.....
1831	.....	.....	.....	33,592.60	11.00
1832	.....	.....	.....	23,620.00	.....
1833	.....	.....	.....	27,390.00	770.00
1834	.....	.....	.....	18,551.00	600.00
1835	.....	.....	.....	38,784.00	705.00
1836	.....	.....	.....	21,110.00	1,990.00
1837	.....	.....	.....	55,583.00	.....
1838	.....	.....	.....	63,702.00	.....
1839	.....	.....	.....	31,286.61	.....
1840	.....	.....	.....	24,627.00	.....
1841	.....	.....	.....	15,973.67	.....
1842	.....	.....	.....	23,833.90	.....
1843	.....	.....	.....	24,283.20	.....
1844	.....	.....	.....	23,987.52	.....
1845	.....	.....	.....	38,948.04	.....
1846	.....	.....	.....	41,208.00	.....
1847	.....	.....	.....	61,836.69	.....
1848	.....	.....	.....	64,157.99	.....
1849	.....	.....	.....	41,785.00	199.32
1850	.....	.....	.....	44,268.44	199.06
1851	.....	.....	.....	98,897.07	738.36
1852	.....	.....	.....	50,630.94	.....
1853	.....	.....	.....	66,411.31	648.47
1854	.....	.....	.....	42,361.56	276.79
1855	.....	.....	.....	15,748.29	282.50
1856	.....	.....	.....	26,904.63	202.15
1857	.....	.....	.....	177,834.56	175.90
1858	.....	.....	.....	246,000.00	.....
1859	.....	.....	.....	364,000.00	.....
1860	.....	.....	.....	205,660.00	.....
1861	.....	.....	.....	101,000.00	.....
1862	.....	.....	.....	280,750.00	.....
1863	.....	.....	$396,950.00	498,400.00	.....
1864	.....	$341,460.00	272,800.00	529,737.14	.....
1865	$737,125.00	144,030.00	63,540.00	354,292.86	.....
1866	1,545,479.00	117,450.00	58,775.00	98,265.00	.....
1867	1,440,850.00	97,560.00	56,075.00	98,210.00	.....
1868	819,750.00	48,120.00	30,930.00	102,665.00	.....
1869	240,300.00	40,050.00	17,225.00	64,200.00	.....
1870	.....	.....	.....	52,750.00	.....

XI.--Annual minor coinage, Philadelphia Mint--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1871	$28,050.00	$18,120.00	$14,425.00	$39,295.00	.....
1872	301,800.00	25,860.00	1,300.00	40,420.00	.....
1873	227,500.00	35,190.00	.....	116,765.00	.....
1874	176,900.00	23,700.00	.....	141,875.00	.....
1875	104,850.00	6,840.00	.....	135,280.00	.....
1876	126,500.00	4,860.00	.....	79,440.00	.....
1877	.....	.....	.....	8,525.00	.....
1878	117.50	70.50	.....	57,998.50	.....
1879	1,455.00	1,236.00	.....	162,312.00	.....
1880	997.75	748.65	.....	389,649.55	.....
1881	3,618.75	32,417.25	.....	992,115.75	.....
1882	573,830.00	759.00	.....	385,811.00	.....
1883	1,148,471.05	318.27	.....	455,981.09	.....
1884	563,697.10	169.26	.....	232,617.42	.....
1885	73,824.50	143.70	.....	117,653.84	.....
1886	166,514.50	128.70	.....	176,542.90	.....
1887	763,182.60	238.83	.....	452,264.83	.....
1888	536,024.15	1,232.49	.....	374,944.14	.....
1889	794,068.05	646.83	.....	488,693.61	.....
1890	812,963.60	.....	.....	571,828.54	.....
1891	841,717.50	.....	.....	470,723.50	.....
1892	584,982.10	.....	.....	376,498.32	.....
1893	668,509.75	.....	.....	466,421.95	.....
1894	270,656.60	.....	.....	167,521.32	.....
1895	498,994.20	.....	.....	383,436.36	.....
1896	442,146.00	.....	.....	390,972.93	.....
1897	1,021,436.75	.....	.....	504,663.30	.....
1898	626,604.35	.....	.....	498,230.79	.....
1899	1,301,451.55	.....	.....	536,000.31	.....
1900	1,362,799.75	.....	.....	668,337.64	.....
1901	1,324,010.65	.....	.....	796,111.43	.....
1902	1,574,028.95	.....	.....	873,767.22	.....
1903	1,400,336.25	.....	.....	850,944.93	.....
1904	1,070,249.20	.....	.....	613,280.15	.....
1905	1,491,363.80	.....	.....	807,191.63	.....
1906	1,930,686.25	.....	.....	960,222.55	.....
1907	1,960,740.00	.....	.....	1,081,386.18	.....
1908	1,134,308.85	.....	.....	323,279.87	.....
1909	579,526.30	.....	.....	1,150,682.63	.....
1910	1,508,467.65	.....	.....	1,468,012.18	.....
1911	1,977,968.60	.....	.....	1,011,777.87	.....
1912	1,311,835.70	.....	.....	681,530.60	.....
1913	3,042,611.95	.....	.....	765,323.52	.....
1914	1,033,286.90	.....	.....	752,384.32	.....
1915	1,049,363.50	.....	.....	290,921.20	.....
1916	3,174,903.30	.....	.....	1,318,336.77	.....
1917	2,971,201.45	.....	.....	1,964,297.85	.....
1918	1,604,315.70	.....	.....	2,881,046.34	.....
1919	3,043,400.00	.....	.....	3,920,210.00	.....
1920	3,134,650.00	.....	.....	3,101,650.00	.....
1921	533,150.00	.....	.....	391,570.00	.....
1922	.....	.....	.....	.....	.....
1923	1,785,750.00	.....	.....	747,230.00	.....
1924	1,081,000.00	.....	.....	752,780.00	.....
1925	1,778,255.00	.....	.....	1,399,490.00	.....
1926	2,234,650.00	.....	.....	1,570,880.00	.....
1927	1,899,050.00	.....	.....	1,444,400.00	.....
1928	1,170,550.00	.....	.....	1,341,160.00	.....
1929	1,822,300.00	.....	.....	1,852,620.00	.....
1930	1,142,450.00	.....	.....	1,574,150.00	.....
1931	.....	.....	.....	193,960.00	.....
1932	.....	.....	.....	90,620.00	.....
1933	.....	.....	.....	143,600.00	.....
1934	1,010,650.15	.....	.....	2,190,800.00	.....
1935	2,913,200.00	.....	.....	2,453,880.00	.....
1936	5,950,071.00	.....	.....	3,096,375.69	.....
1937	3,974,288.45	.....	.....	3,091,795.20	.....
1938	975,768.25	.....	.....	1,566,967.34	.....
1939	6,031,376.75	.....	.....	3,164,795.20	.....
1940	8,824,957.90	.....	.....	5,868,258.72	.....
1941	10,164,186.00	.....	.....	8,870,391.00	.....
1942	5,385,960.00	.....	.....	6,578,286.00	.....
1943	13,558,250.00	.....	.....	6,846,286.70	.....
1944	5,957,300.00	.....	.....	14,354,000.00	.....
1945	5,970,405.00	.....	.....	10,405,150.00	.....
1946	8,055,800.00	.....	.....	9,916,350.00	.....

XI.--Annual minor coinage, Philadelphia Mint--Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1947	$4,750,000.00	.....	.....	$1,905,550.00	.....
1948	4,467,400.00	.....	.....	3,175,700.00	.....
1949	3,032,600.00	.....	.....	2,177,750.00	.....
1950	492,369.30	.....	.....	2,726,863.86	.....
1951	1,430,475.00	.....	.....	2,846,335.00	.....
1952	3,203,499.00	.....	.....	1,868,569.80	.....
1953	2,338,640.00	.....	.....	2,568,838.00	.....
1954	2,395,867.50	.....	.....	718,733.50	.....
Total	169,074,837.40	$941,349.48	$912,020.00	147,521,455.28	$39,909.11

XII.--Annual gold coinage, San Francisco Mint

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1854	.....	$2,829,360	$1,238,260	$1,340	.....	$615.00	$14,632
1855	.....	17,593,500	90,000	305,000	$19,800	.....	.....
1856	.....	23,795,000	680,000	525,900	103,500	177,800.00	24,600
1857	.....	19,410,000	260,000	435,000	42,000	170,000.00	10,000
1858	.....	16,934,200	118,000	93,000	.....	3,000.00	10,000
1859	.....	12,728,900	70,000	66,100	.....	38,000.00	15,000
1860	.....	10,899,000	50,000	106,000	21,000	89,000.00	13,000
1861	.....	15,360,000	155,000	90,000	.....	60,000.00	.....
1862	.....	17,083,460	125,000	47,500	.....	20,000.00	.....
1863	.....	19,331,400	100,000	85,000	.....	27,000.00	.....
1864	.....	15,873,200	25,000	19,440	.....	.....	.....
1865	.....	20,850,000	167,000	138,060	.....	58,440.00	.....
1866	.....	16,845,000	200,000	219,600	.....	97,400.00	.....
1867	.....	18,415,000	90,000	145,000	.....	70,000.00	.....
1868	.....	16,750,000	135,000	260,000	.....	85,000.00	.....
1869	.....	13,735,000	64,300	155,000	.....	73,750.00	.....
1870	.....	19,640,000	80,000	85,000	.....	40,000.00	3,000
1871	.....	18,560,000	165,000	125,000	.....	55,000.00	.....
1872	.....	15,600,000	173,000	182,000	.....	45,000.00	.....
1873	.....	20,812,000	120,000	155,000	.....	67,500.00	.....
1874	.....	24,280,000	100,000	80,000	.....	.....	.....
1875	.....	24,600,000	.....	45,000	.....	29,000.00	.....
1876	.....	31,940,000	50,000	20,000	.....	12,500.00	.....
1877	.....	34,700,000	170,000	133,500	.....	88,500.00	.....
1878	.....	34,780,000	261,000	723,500	.....	445,000.00	.....
1879	.....	24,476,000	2,240,000	2,131,000	.....	108,750.00	.....
1880	.....	16,720,000	5,062,500	6,744,500	.....	.....	.....
1881	.....	14,540,000	9,700,000	4,845,000	.....	.....	.....
1882	.....	22,500,000	1,320,000	4,845,000	.....	.....	.....
1883	.....	23,780,000	380,000	416,000	.....	.....	.....
1884	.....	18,320,000	1,242,500	885,000	.....	.....	.....
1885	.....	13,670,000	2,280,000	6,057,500	.....	.....	.....
1886	.....	.....	8,260,000	16,340,000	.....	.....	.....
1887	.....	5,660,000	8,170,000	9,560,000	.....	.....	.....
1888	.....	17,192,000	6,487,000	1,469,500	.....	.....	.....
1889	.....	15,494,000	4,254,000	.....	.....	.....	.....
1890	.....	16,055,000	.....	.....	.....	.....	.....
1891	.....	25,762,500	.....	.....	.....	.....	.....
1892	.....	18,603,000	1,155,000	1,492,000	.....	.....	.....
1893	.....	19,923,500	1,413,500	1,120,000	.....	.....	.....
1894	.....	20,971,000	250,000	279,500	.....	.....	.....
1895	.....	22,870,000	490,000	560,000	.....	.....	.....
1896	.....	28,078,500	1,237,500	777,000	.....	.....	.....
1897	.....	29,405,000	2,347,500	1,770,000	.....	.....	.....
1898	.....	51,503,500	4,736,000	6,987,000	.....	.....	.....
1899	.....	40,206,000	8,410,000	7,725,000	.....	.....	.....
1900	.....	49,190,000	810,000	1,645,000	.....	.....	.....
1901	.....	31,920,000	28,127,500	18,240,000	.....	.....	.....
1902	.....	35,072,500	4,695,000	4,695,000	.....	.....	.....
1903	.....	19,080,000	5,380,000	9,279,000	.....	.....	.....
1904	.....	102,683,500	.....	485,000	.....	.....	.....
1905	.....	36,260,000	3,692,500	4,403,500	.....	.....	.....
1906	.....	41,315,000	4,270,000	2,990,000	.....	.....	.....
1907	.....	43,316,000	2,105,000	.....	.....	.....	.....
1908	.....	440,000	598,500	410,000	.....	.....	.....
1909	.....	55,498,500	2,923,500	1,486,000	.....	.....	.....
1910	.....	42,565,000	8,110,000	3,851,000	.....	.....	.....
1911	.....	15,515,000	510,000	7,080,000	.....	.....	.....
1912	.....	.....	3,000,000	1,960,000	.....	.....	.....
1913	.....	680,000	660,000	2,040,000	.....	.....	.....
1914	.....	29,960,000	2,080,000	1,315,000	.....	.....	.....
1915	$150,950	11,350,000	590,000	820,000	.....	25,042.50	25,034
1916	.....	15,920,000	1,385,000	1,200,000	.....	.....	.....
1917-19	.....	.....	.....	.....	.....	.....	.....
1920	.....	11,160,000	1,265,000	.....	.....	.....	.....
1921	.....	.....	.....	.....	.....	.....	.....
1922	.....	53,160,000	.....	.....	.....	.....	.....
1923	.....	.....	.....	.....	.....	.....	.....
1924	.....	58,550,000	.....	.....	.....	.....	.....
1925	.....	75,530,000	.....	.....	.....	.....	.....
1926	.....	40,830,000	.....	.....	.....	.....	.....
1927	.....	62,140,000	.....	.....	.....	.....	.....
1928-29	.....	.....	.....	.....	.....	.....	.....
1930	.....	1,480,000	960,000	.....	.....	.....	.....
Total	150,950	1,762,690,520	145,584,060	140,140,040	186,300	1,886,297.50	115,266

XIII.--Annual silver coinage, San Francisco Mint

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1854	.....	.....	.....	.....	.....	.....	.....
1855	.....	.....	$64,975.00	$99,100.00	.....	.....	.....
1856	.....	.....	105,500.00	71,500.00	.....	$7,000.00	.....
1857	.....	.....	79,000.00	20,500.00	.....	.....	.....
1858	.....	.....	238,000.00	30,250.00	.....	6,000.00	.....
1859	$20,000	.....	283,000.00	20,000.00	.....	6,000.00	.....
1860	.....	.....	236,000.00	14,000.00	.....	14,000.00	.....
1861	.....	.....	469,750.00	24,000.00	.....	17,250.00	.....
1862	.....	.....	676,000.00	16,750.00	.....	18,075.00	.....
1863	.....	.....	458,000.00	.....	.....	15,750.00	$5,000
1864	.....	.....	329,000.00	5,000.00	.....	23,000.00	4,500
1865	.....	.....	337,500.00	10,250.00	.....	17,500.00	6,000
1866	.....	.....	527,000.00	7,000.00	.....	13,500.00	6,000
1867	.....	.....	598,000.00	12,000.00	.....	14,000.00	6,000
1868	.....	.....	580,000.00	24,000.00	.....	26,000.00	14,000
1869	.....	.....	328,000.00	19,000.00	.....	45,000.00	11,500
1870	.....	.....	502,000.00	.....	.....	5,000.00	.....
1871	.....	.....	1,089,000.00	7,725.00	.....	32,000.00	8,050
1872	9,000	.....	290,000.00	20,750.00	.....	19,000.00	41,850
1873	700	$703,000	116,500.00	39,000.00	.....	45,500.00	16,200
1874	.....	2,549,000	197,000.00	98,000.00	.....	24,000.00	.....
1875	.....	4,487,000	1,600,000.00	170,000.00	$231,000	907,000.00	.....
1876	.....	5,227,000	2,264,000.00	2,149,000.00	.....	1,042,000.00	.....
1877	.....	9,519,000	2,678,000.00	2,249,000.00	.....	234,000.00	.....
1878	9,774,000	4,162,000	6,000.00	35,000.00	.....	.....	.....
1879	9,110,000	.....	.....	.....	.....	.....	.....
1880	8,900,000	.....	.....	.....	.....	.....	.....
1881	12,760,000	.....	.....	.....	.....	.....	.....
1882	9,250,000	.....	.....	.....	.....	.....	.....
1883	6,250,000	.....	.....	.....	.....	.....	.....
1884	3,200,000	.....	.....	.....	.....	56,496.90	.....
1885	1,497,000	.....	.....	.....	.....	4,369.00	.....
1886	750,000	.....	.....	.....	.....	20,652.40	.....
1887	1,771,000	.....	.....	.....	.....	445,445.00	.....
1888	657,000	.....	.....	304,000.00	.....	172,000.00	.....
1889	700,000	.....	.....	.....	.....	97,267.80	.....
1890	8,230,373	.....	.....	.....	.....	142,307.60	.....
1891	5,296,000	.....	.....	554,000.00	.....	319,611.60	.....
1892	1,200,000	.....	514,514.00	241,019.75	.....	99,071.00	.....
1893	100,000	.....	370,000.00	363,633.75	.....	249,140.10	.....
1894	1,260,000	.....	2,024,345.00	662,205.25	.....	2.40	.....
1895	400,000	.....	554,043.00	441,170.25	.....	112,000.00	.....
1896	5,000,000	.....	570,474.00	47,009.75	.....	57,505.60	.....
1897	5,825,000	.....	466,950.00	135,557.25	.....	134,284.40	.....
1898	4,102,000	.....	1,179,275.00	255,148.00	.....	170,250.70	.....
1899	2,562,000	.....	843,205.50	177,000.00	.....	186,749.30	.....
1900	3,540,000	.....	1,280,161.00	464,646.25	.....	516,827.00	.....
1901	2,284,000	.....	423,522.00	18,166.00	.....	59,302.20	.....
1902	1,530,000	.....	730,335.00	381,153.00	.....	207,000.00	.....
1903	1,241,000	.....	960,386.00	259,000.00	.....	61,330.00	.....
1904	2,304,000	.....	276,519.00	.....	.....	80,000.00	.....
1905	.....	.....	1,247,000.00	471,000.00	.....	685,519.90	.....
1906	.....	.....	870,077.00	.....	.....	313,664.00	.....
1907	.....	.....	625,000.00	340,000.00	.....	317,847.00	.....
1908	.....	.....	822,414.00	196,000.00	.....	322,000.00	.....
1909	.....	.....	882,000.00	337,000.00	.....	100,000.00	.....
1910	.....	.....	974,000.00	.....	.....	124,000.00	.....
1911	.....	.....	636,000.00	247,000.00	.....	352,000.00	.....
1912	.....	.....	685,000.00	177,000.00	.....	342,000.00	.....
1913	.....	.....	302,000.00	10,000.00	.....	51,000.00	.....
1914	.....	.....	496,000.00	66,000.00	.....	210,000.00	.....
1915	.....	.....	832,015.00	176,000.00	.....	96,000.00	.....
1916	.....	.....	254,000.00	.....	.....	1,627,000.00	.....
1917	.....	.....	3,253,000.00	1,876,000.00	.....	2,733,000.00	.....
1918	.....	.....	5,141,000.00	2,768,000.00	.....	1,930,000.00	.....
1919	.....	.....	776,000.00	459,000.00	.....	885,000.00	.....
1920	.....	.....	2,312,000.00	1,595,000.00	.....	1,382,000.00	.....
1921	.....	.....	274,000.00	.....	.....	.....	.....
1922	21,695,000	.....	.....	.....	.....	.....	.....
1923	17,475,000	.....	1,226,038.50	340,000.00	.....	644,000.00	.....
1924	19,020,000	.....	.....	715,000.00	.....	712,000.00	.....
1925	1,728,000	.....	100,114.00	.....	.....	585,000.00	.....
1926	1,610,000	.....	90,027.50	675,000.00	.....	152,000.00	.....
1927	6,980,000	.....	1,196,000.00	99,000.00	.....	477,000.00	.....
1928	866,000	.....	970,000.00	661,000.00	.....	740,000.00	.....
1929	1,632,000	.....	951,000.00	441,000.00	.....	473,000.00	.....
1930	.....	.....	.....	389,000.00	.....	184,300.00	.....

XIII.--Annual silver coinage, San Francisco Mint--Continued

Calendar year	Dollars	Trade dollars	Half dollars	Quarter dollars	20 cents	Dimes	Half dimes
1931	.....	.....	.....	.....	.....	$180,000.00	.....
1932	.....	.....	.....	$102,000.00	.....	.....	.....
1933	.....	.....	$893,000.00	.....	.....	.....	.....
1934	$1,011,000	.....	1,826,000.00	.....	.....	.....	.....
1935	1,964,000	.....	2,063,327.50	1,415,000.00	.....	1,584,000.00	.....
1936	.....	.....	2,021,055.50	957,000.00	.....	921,000.00	.....
1937	.....	.....	1,054,259.50	413,000.00	.....	974,000.00	.....
1938	.....	.....	11,012.00	708,000.00	.....	809,000.00	.....
1939	.....	.....	1,278,555.00	657,000.00	.....	1,054,000.00	.....
1940	.....	.....	2,275,000.00	2,061,000.00	.....	2,156,000.00	.....
1941	.....	.....	4,049,000.00	4,020,000.00	.....	4,309,000.00	.....
1942	.....	.....	6,354,000.00	4,846,000.00	.....	4,930,000.00	.....
1943	.....	.....	6,725,000.00	5,425,000.00	.....	6,040,000.00	.....
1944	.....	.....	4,452,000.00	3,140,000.00	.....	4,949,000.00	.....
1945	.....	.....	5,078,000.00	4,251,000.25	.....	4,192,000.00	.....
1946	.....	.....	2,112,139.50	1,051,000.00	.....	2,790,000.00	.....
1947	.....	.....	50,008.50	1,383,000.00	.....	3,484,000.00	.....
1948	.....	.....	10,002.50	3,990,000.00	.....	3,552,000.00	.....
1949	.....	.....	1,878,002.00	.....	.....	1,351,000.00	.....
1950	.....	.....	256,045.50	2,571,001.00	.....	2,044,000.00	.....
1951	.....	.....	6,859,004.00	2,262,000.00	.....	3,163,000.00	.....
1952	.....	.....	2,767,003.00	3,426,950.00	.....	4,441,950.00	.....
1953	.....	.....	2,128,010.00	3,504,000.00	.....	3,918,000.00	.....
1954	.....	.....	2,557,712.00	2,958,680.50	.....	2,286,000.00	.....
Total	183,504,073	$26,647,000	105,818,777.00	70,625,166.00	$231,000	80,289,468.90	$119,100

XIV.--Annual minor coinage, San Francisco Mint

Calendar year	5 cents	Cents
1854-1907	.....	.....
1908	.....	.....
1909	.....	$11,150
1910	.....	26,180
1911	.....	60,450
1912	.....	40,260
1913	$11,900	44,310
1914	165,700	61,010
1915	173,500	41,370
1916	75,250	48,330
1917	593,000	225,100
1918	209,650	326,200
1919	244,100	346,800
1920	376,050	1,397,600
1921	484,450	462,200
1922	77,850	152,740
1923	.....	.....
1924	307,100	87,000
1925	71,850	116,960
1926	312,800	263,800
1927	48,500	45,500
1928	171,500	142,760
1929	346,800	172,660
1930	387,700	501,480
1931	271,750	242,860
1931	$60,000	$8,660.00
1932-34	.....	.....
1935	515,000	387,020.00
1936	746,500	291,300.00
1937	281,750	345,000.00
1938	205,250	151,800.00
1939	331,500	520,700.00
1940	1,984,500	1,129,400.00
1941	2,172,250	923,600.00
1942	1,645,000	855,900.00
1943	5,203,000	1,915,500.00
1944	1,082,000	2,827,600.00
1945	2,946,950	1,817,700.00
1946	678,000	1,981,000.00
1947	1,236,000	990,000.00
1948	565,000	817,350.00
1949	485,800	642,900.00
1950	.....	1,185,050.00
1951	388,800	1,360,100.00
1952	1,028,600	1,378,000.04
1953	960,545	1,818,350.00
1954	1,469,200	961,900.00
Total	28,315,095	27,125,590.04

XV. --Annual gold, silver, and minor coinage, Denver Mint

Calendar year	Gold				Silver				Minor	
	Double eagles	Eagles	Half eagles	Quarter eagles	Dollars	Half dollars	Quarter dollars	Dimes	5 cents	Cents
1906	$12,405,000	$9,810,000	$1,600,000	.....	.....	$2,014,000.00	$820,000	$406,000	.....	.....
1907	16,845,000	10,300,000	4,440,000	.....	.....	1,928,000.00	621,000	408,000	.....	.....
1908	20,265,000	10,465,000	740,000	.....	.....	1,640,000.00	1,447,000	749,000	.....	.....
1909	1,050,000	1,215,400	17,117,800	.....	.....	.....	1,278,500	95,400	.....	.....
1910	8,580,000	23,566,400	968,000	.....	.....	.....	375,000	349,000	.....	.....
1911	16,930,000	301,000	362,500	$139,200	.....	347,540.00	233,400	1,120,900	.....	$126,720
1912	.....	.....	.....	.....	.....	1,150,400.00	.....	1,176,000	$423,700.00	104,110
1913	7,870,000	.....	.....	.....	.....	267,000.00	362,700	.....	474,650.00	158,040
1914	9,060,000	3,435,000	1,235,000	1,120,000	.....	.....	761,500	1,190,800	195,600.00	11,930
1915	.....	.....	.....	.....	.....	585,200.00	923,500	.....	378,475.00	220,500
1916	.....	.....	.....	.....	.....	507,200.00	1,635,200	26,400	666,650.00	359,560
1917	.....	.....	.....	.....	.....	1,352,700.00	1,933,400	940,200	495,540.00	551,200
1918	.....	.....	.....	.....	.....	1,926,520.00	1,845,000	2,267,480	418,100.00	478,300
1919	.....	.....	.....	.....	.....	582,500.00	486,000	993,900	400,300.00	571,540
1920	.....	.....	.....	.....	.....	775,500.00	896,600	1,917,100	470,900.00	492,800
1921	.....	.....	.....	.....	$20,345,000	104,000.00	.....	108,000	.....	.....
1922	.....	.....	.....	.....	15,063,000	.....	.....	.....	.....	71,600
1923	34,045,000	.....	.....	.....	6,811,000	.....	.....	.....	.....	.....
1924	60,990,000	.....	.....	.....	.....	.....	778,000	681,000	262,900.00	25,200
1925	58,770,000	.....	.....	1,445,000	.....	.....	.....	511,700	222,500.00	225,800
1926	9,620,000	.....	.....	.....	2,348,700	.....	429,000	682,800	281,900.00	280,200
1927	3,600,000	.....	.....	.....	1,268,900	.....	244,100	481,200	286,500.00	271,700
1928	.....	.....	.....	.....	.....	.....	406,900	416,100	321,800.00	311,700
1929	.....	.....	.....	.....	.....	500,600.00	339,500	503,400	418,500.00	417,300
1930	.....	.....	.....	.....	.....	.....	.....	.....	.....	401,000
1931	2,130,000	.....	.....	.....	.....	.....	.....	126,000	.....	44,800
1932	.....	.....	.....	.....	.....	.....	109,200	.....	.....	105,000
1933	.....	.....	.....	.....	.....	2,625.00	.....	.....	.....	62,000
1934	.....	.....	.....	.....	1,569,500	1,184,203.00	881,800	677,200	374,000.00	284,460
1935	.....	.....	.....	.....	.....	1,513,160.00	1,445,000	1,047,700	604,600.00	470,000
1936	.....	.....	.....	.....	.....	2,242,769.00	1,343,500	1,613,200	1,240,700.00	406,200
1937	.....	.....	.....	.....	.....	854,512.50	1,797,400	1,414,600	891,300.00	504,300
1938	.....	.....	.....	.....	.....	256,810.00	.....	553,700	619,800.00	200,100
1939	.....	.....	.....	.....	.....	2,136,454.00	1,773,000	2,439,400	175,700.00	151,600
1940	.....	.....	.....	.....	.....	.....	699,400	2,119,800	2,177,000.00	813,900
1941	.....	.....	.....	.....	.....	5,624,200.00	4,178,700	4,563,400	2,671,600.00	1,287,000
1942	.....	.....	.....	.....	.....	5,486,900.00	4,371,800	6,074,000	696,900.00	2,066,980
1943	.....	.....	.....	.....	.....	5,673,000.00	4,023,900	7,194,900	764,700.00	2,176,600
1944	.....	.....	.....	.....	.....	4,884,500.00	3,650,200	6,222,400	1,615,450.00	4,305,780
1945	.....	.....	.....	.....	.....	4,983,400.00	3,085,400	4,024,500	1,857,900.00	2,262,780

XV.--Annual gold, silver, and minor coinage, Denver Mint--Continued

Calendar year	Gold				Silver				Minor	
	Double eagles	Eagles	Half eagles	Quarter eagles	Dollars	Half dollars	Quarter dollars	Dimes	5 cents	Cents
1946	.....	.....	.....	.....	.....	$1,175,606.50	$2,268,200	$6,104,350	$2,264,610.00	$3,156,900
1947	.....	.....	.....	.....	.....	2,000,308.50	3,834,600	4,683,500	1,891,100.00	1,947,500
1948	.....	.....	.....	.....	.....	2,024,302.50	4,191,700	5,284,100	2,236,700.00	1,726,375
1949	.....	.....	.....	.....	.....	2,066,302.00	2,517,100	2,603,400	1,824,900.00	1,531,325
1950	.....	.....	.....	.....	.....	4,021,802.00	5,268,900	4,680,300	131,501.50	3,349,500
1951	.....	.....	.....	.....	.....	4,748,604.00	8,838,700	5,652,900	1,023,000.00	6,253,550
1952	.....	.....	.....	.....	.....	12,701,803.00	12,448,800	12,210,000	1,531,900.00	7,461,300
1953	.....	.....	.....	.....	.....	10,454,201.50	14,028,100	13,643,300	2,993,930.00	7,005,150
1954	.....	.....	.....	.....	.....	12,728,793.00	10,576,375	10,639,700	5,856,828.00	2,515,525
Total	262,160,000	59,092,800	26,463,300	2,704,200	47,406,100	100,445,416.50	107,148,075	118,596,730	39,162,134.50	55,167,725

XVI.--Annual gold and silver coinage, New Orleans Mint

Calendar year	Gold						Silver					
	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1838	.....	.....	.....	.....	$44,452.50	.....	.....	.....	.....	$40,243.40	.....	.....
1839	.....	.....	.....	.....	65,500.00	.....	.....	$81,488	.....	124,327.20	$54,827.50	.....
1840	.....	.....	$152,000	.....	18,450.00	.....	.....	427,550	$106,300	117,500.00	46,750.00	.....
1841	.....	$25,000	41,750	.....	49,500.00	.....	.....	200,500	113,000	200,750.00	40,750.00	.....
1842	.....	274,000	82,000	.....	920,005.00	.....	.....	478,500	192,250	202,000.00	17,500.00	.....
1843	.....	1,751,620	505,375	.....	.....	.....	.....	1,134,000	242,000	15,000.00	.....	.....
1844	.....	1,187,000	1,823,000	.....	.....	.....	.....	1,002,500	185,000	.....	11,000.00	.....
1845	.....	475,000	205,000	.....	165,000.00	.....	.....	1,047,000	.....	23,000.00	.....	.....
1846	.....	817,800	290,000	.....	310,000.00	.....	$59,000	1,152,000	92,000	.....	.....	.....
1847	.....	5,715,000	60,000	.....	.....	.....	.....	1,292,000	.....	.....	30,000.00	.....
1848	.....	358,500	.....	.....	.....	$215,000	.....	1,590,000	.....	30,000.00	7,000.00	.....
1849	.....	239,000	.....	.....	.....	14,000	40,000	1,155,000	.....	51,000.00	34,500.00	.....
1850	$2,820,000	575,000	.....	.....	210,000.00	290,000	.....	1,228,000	103,000	40,000.00	43,000.00	$21,600
1851	6,300,000	2,630,000	205,000	.....	370,000.00	140,000	.....	201,000	22,000	43,000.00	13,000.00	.....
1852	3,800,000	180,000	.....	.....	350,000.00	290,000	.....	72,000	24,000	110,000.00	118,000.00	.....
1853	1,420,000	510,000	.....	.....	.....	.....	.....	664,000	333,000	177,000.00	78,000.00	.....
1854	65,000	525,000	230,000	$72,000	382,500.00	.....	.....	2,620,000	371,000	.....	30,000.00	.....
1855	160,000	180,000	55,500	.....	.....	55,000	.....	1,844,000	44,000	118,000.00	55,000.00	.....
1856	45,000	145,000	50,000	.....	52,750.00	.....	.....	1,329,000	242,000	154,000.00	69,000.00	.....
1857	600,000	55,000	65,000	.....	85,000.00	.....	.....	409,000	295,000	29,000.00	83,000.00	.....
1858	705,000	200,000	.....	.....	.....	.....	.....	3,647,000	130,000	48,000.00	28,000.00	.....
1859	182,000	23,000	.....	.....	.....	.....	360,000	1,417,000	65,000	4,000.00	53,000.00	.....
1860	132,000	111,000	.....	.....	.....	.....	515,000	645,000	97,000	.....	.....	.....
1861	100,000	.....	.....	.....	.....	.....	.....	165,000	.....	.....	.....	.....
1879	46,500	15,000	.....	.....	.....	.....	2,887,000	.....	.....	.....	.....	.....
1880	.....	92,000	.....	.....	.....	.....	5,305,000	.....	.....	.....	.....	.....
1881	.....	83,500	.....	.....	.....	.....	5,708,000	.....	.....	.....	.....	.....
1882	.....	108,200	.....	.....	.....	.....	6,090,000	.....	.....	.....	.....	.....
1883	.....	8,000	.....	.....	.....	.....	8,725,000	.....	.....	.....	.....	.....
1884	.....	.....	.....	.....	.....	.....	9,730,000	.....	.....	.....	.....	.....
1885	.....	.....	.....	.....	.....	.....	9,185,000	.....	.....	.....	.....	.....
1886	.....	.....	.....	.....	.....	.....	10,710,000	.....	.....	.....	.....	.....
1887	.....	.....	.....	.....	.....	.....	11,550,000	.....	.....	.....	.....	.....
1888	.....	213,350	.....	.....	.....	.....	12,150,000	.....	.....	.....	.....	.....
1889	.....	.....	.....	.....	.....	.....	11,875,000	.....	.....	.....	.....	.....
1890	.....	.....	.....	.....	.....	.....	10,701,000	.....	.....	.....	.....	.....
1891	.....	.....	.....	.....	.....	.....	7,954,529	.....	17,000	454,000.00	.....	.....
1892	.....	286,880	50,000	.....	.....	.....	2,744,000	195,000	660,000	384,170.00	.....	.....
1893	.....	170,000	550,000	.....	.....	.....	300,000	694,500	849,000	176,000.00	.....	.....
1894	.....	1,075,000	83,000	.....	.....	.....	1,723,000	1,069,000	713,000	72,000.00	.....	.....
1895	.....	980,000	.....	.....	.....	.....	450,000	883,000	704,000	44,000.00	.....	.....
1896	.....	.....	.....	.....	.....	.....	4,900,000	462,000	371,000	61,000.00	.....	.....
1897	.....	425,000	.....	.....	.....	.....	4,004,000	316,000	353,700	66,600.00	.....	.....
1898	.....	.....	.....	.....	.....	.....	4,440,000	437,000	467,000	213,000.00	.....	.....
1899	.....	370,470	.....	.....	.....	.....	12,290,000	862,000	661,000	265,000.00	.....	.....
1900	.....	.....	.....	.....	.....	.....	12,590,000	1,372,000	854,000	201,000.00	.....	.....

XVI.--Annual gold and silver coinage, New Orleans Mint--Continued

Calendar year	Gold						Silver					
	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1901	.....	$720,410	.....	.....	.....	.....	$13,320,000	$562,000	$403,000	$562,000.00	.....	.....
1902	.....	.....	.....	.....	.....	.....	8,636,000	1,263,000	1,187,000	490,000.00	.....	.....
1903	.....	1,127,710	.....	.....	.....	.....	4,450,000	1,050,000	875,000	818,000.00	.....	.....
1904	.....	1,089,500	.....	.....	.....	.....	3,720,000	558,800	614,000	.....	.....	.....
1905	.....	.....	.....	.....	.....	.....	.....	252,500	307,500	340,000.00	.....	.....
1906	.....	868,950	.....	.....	.....	.....	.....	1,223,000	514,000	261,000.00	.....	.....
1907	.....	.....	.....	.....	.....	.....	.....	1,973,300	1,140,000	505,800.00	.....	.....
1908	.....	.....	.....	.....	.....	.....	.....	2,680,000	1,561,000	178,900.00	.....	.....
1909	.....	.....	171,000	.....	.....	.....	.....	462,700	178,000	228,700.00	.....	.....
Total	16,375,500	23,610,890	4,618,625	72,000	3,023,157.50	1,004,000	187,111,529	40,117,338	15,085,750	6,807,990.60	812,327.50	21,600

XVII. --Annual gold and silver coinage, Carson City Mint

Calendar year	Gold			Silver					
	Double eagles	Eagles	Half eagles	Dollars	Trade dollars	Half dollars	Quarter dollars	Twenty cents	Dimes
1870	$75,780	$59,080	$38,375	$12,462	.....	$27,308.50	$2,085.00	.....	.....
1871	293,740	71,850	103,850	1,376	.....	69,975.00	2,722.50	.....	$2,010.00
1872	593,000	55,000	84,900	3,150	.....	136,000.00	2,275.00	.....	2,400.00
1873	448,200	45,430	37,080	2,300	$124,500	168,530.00	4,115.50	.....	3,119.10
1874	2,301,700	167,670	105,990	.....	1,373,200	29,500.00	.....	.....	1,081.70
1875	2,223,020	77,150	59,140	.....	1,573,700	504,000.00	35,000.00	$26,658	464,500.00
1876	2,768,820	46,960	34,435	.....	509,000	978,000.00	1,236,000.00	2,000	827,000.00
1877	851,300	33,320	43,400	.....	534,000	710,000.00	1,048,000.00	.....	770,000.00
1878	263,600	32,440	45,270	2,212,000	97,000	31,000.00	249,000.00	.....	20,000.00
1879	214,160	17,620	86,405	756,000	.....	.....	.....	.....	.....
1880	.....	111,900	255,085	591,000	.....	.....	.....	.....	.....
1881	.....	240,150	69,430	296,000	.....	.....	.....	.....	.....
1882	782,800	67,640	414,085	1,133,000	.....	.....	.....	.....	.....
1883	1,199,240	120,000	64,790	1,204,000	.....	.....	.....	.....	.....
1884	1,622,780	99,250	82,010	1,136,000	.....	.....	.....	.....	.....
1885	189,000	.....	.....	228,000	.....	.....	.....	.....	.....
1886-1888	.....	.....	.....	.....	.....	.....	.....	.....	.....
1889	618,900	.....	.....	390,000	.....	.....	.....	.....	.....
1890	1,824,180	175,000	269,000	2,309,041	.....	.....	.....	.....	.....
1891	100,000	1,037,320	1,040,000	1,618,000	.....	.....	.....	.....	.....
1892	545,300	400,000	414,840	1,352,000	.....	.....	.....	.....	.....
1893	368,040	140,000	300,000	677,000	.....	.....	.....	.....	.....
Total	17,283,560	2,997,780	3,548,085	13,881,329	4,211,400	2,654,313.50	2,579,198.00	28,658	2,090,110.80

XVIII. --Annual gold coinage, Charlotte Mint

Calendar year	Gold		
	Half eagles	Quarter eagles	Dollars
1838	$64,565	$19,770.00	.....
1839	117,335	45,432.50	.....
1840	95,140	32,095.00	.....
1841	107,555	25,742.50	.....
1842	137,400	16,842.50	.....
1843	221,765	65,240.00	.....
1844	118,155	29,055.00	.....
1845	.....	.....	.....
1846	64,975	12,020.00	.....
1847	420,755	58,065.00	.....
1848	322,360	41,970.00	.....
1849	324,115	25,550.00	$11,634
1850	317,955	22,870.00	6,966
1851	245,880	37,307.50	41,267
1852	362,870	24,430.00	9,434
1853	327,855	.....	11,515
1854	196,455	18,237.50	4
1855	198,940	9,192.50	9,803
1856	142,285	19,782.50	.....
1857	156,800	.....	13,280
1858	194,280	22,640.00	.....
1859	159,235	.....	5,235
1860	74,065	18,672.50	.....
1861	34,395	.....	.....
Total	4,405,135	544,915.00	109,138

XIX. --Annual gold coinage, Dahlonega Mint

Calendar year	Gold			
	Half eagles	3 dollars	Quarter eagles	Dollars
1838	$102,915	.....	.....	.....
1839	94,695	.....	$34,185.00	.....
1840	114,480	.....	8,830.00	.....
1841	152,475	.....	10,410.00	.....
1842	298,040	.....	11,607.50	.....
1843	492,260	.....	90,522.50	.....
1844	444,910	.....	43,330.00	.....
1845	453,145	.....	48,650.00	.....
1846	401,470	.....	48,257.50	.....
1847	322,025	.....	39,460.00	.....
1848	237,325	.....	34,427.50	.....
1849	195,180	.....	27,362.50	$21,588
1850	219,750	.....	30,370.00	8,382
1851	313,550	.....	28,160.00	9,882
1852	457,260	.....	10,195.00	6,360
1853	448,390	.....	7,945.00	6,583
1854	282,065	$3,360	4,400.00	2,935
1855	112,160	.....	2,807.50	1,811
1856	98,930	.....	2,185.00	1,460
1857	85,230	.....	5,910.00	3,533
1858	76,810	.....	.....	3,477
1859	51,830	.....	5,610.00	4,952
1860	73,175	.....	.....	1,566
1861	7,985	.....	.....	.....
Total	5,536,055	3,360	494,625.00	72,529

XX.--Annual commemorative coinage

[See table II for authorizing acts, standard weights and finenesses. All commemorative coins listed below are silver except as otherwise indicated in Denomination column]

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
1892	Columbian Exposition	Half dollar	Philadelphia	950,000
1893	do	do	do	4,052,105
1893	do	Quarter dollar	do	40,023
1900	Lafayette	Dollar	do	50,026
1902	Louisiana Purchase Exposition	Dollar (gold)	do	75,080
1903	do	do	do	175,178
1904	Lewis and Clark Exposition	do	do	25,028
1905	do	do	do	35,041
1915	Panama-Pacific International Exposition	50 dollars (gold)	San Francisco	[1] 1,509
1915	do	do	do	[2] 1,510
1915	do	Quarter eagle (gold)	do	10,017
1915	do	Dollar (gold)	do	25,034
1915	do	Half dollar	do	60,030
1916	McKinley Memorial	Dollar (gold)	Philadelphia	20,026
1917	do	do	do	10,014
1918	Illinois Centennial	Half dollar	do	100,058
1920	Maine Centennial	do	do	50,028
1920	Landing of the Pilgrims, Tercentennial	do	do	200,112
1921	do	do	do	100,053
1921	Missouri Centennial	do	do	50,028
1921	Alabama Centennial	do	do	70,044
1922	Grant Memorial	Dollar (gold)	do	10,016
1922	do	Half dollar	do	100,061
1923	Monroe Doctrine Centennial	do	San Francisco	274,077
1924	Huguenot-Walloon Tercentenary	do	Philadelphia	142,080
1925	Stone Mountain	do	do	2,314,709
1925	Battle Lexington-Concord	do	do	162,099
1925	California Diamond Jubilee	do	San Francisco	150,200
1925	Fort Vancouver	do	do	50,028
1926	Sesquicentennial	Quarter eagle (gold)	Philadelphia	200,226
1926	do	Half dollar	do	1,000,528
1926	Oregon Trail	do	do	48,030
1926	do	do	San Francisco	100,055
1927	Battle of Bennington	do	do	40,034
1928	Oregon Trail	do	do	50,028
1928	Hawaiian Discovery	do	do	10,008
1933	Oregon Trail	do	Denver	5,250
1934	do	do	do	7,006
1934	Texas Centennial	do	Philadelphia	205,113
1934	Daniel Boone Bicentennial	do	do	10,007
1934	Maryland Tercentennial	do	do	25,015
1935	Arkansas Centennial	do	do	13,012
1935	do	do	do	5,506
1935	do	do	San Francisco	5,505
1935	Daniel Boone Bicentennial	do	Denver	20,018
1935	do	do	Philadelphia	7,009
1935	do	do	San Francisco	7,008
1935	do	do	Denver	25,018
1935	Connecticut Tercentennial	do	Philadelphia	10,008
1935	City of Hudson, N. Y.	do	do	10,008
1935	Old Spanish Trail	do	do	10,008
1935	Texas Centennial	do	San Francisco	10,008
1935	do	do	Denver	10,007
1935	do	do	San Francisco	250,132
1935	California-Pacific Exposition, San Diego	do	Philadelphia	25,013
1936	Albany, N. Y., two hundred and fiftieth anniversary	do	do	10,010
1936	Arkansas Centennial	do	San Francisco	10,012
1936	do	do	Denver	10,010
1936	do	do	San Francisco	100,055
1936	San Francisco-Oakland Bay Bridge	do	Philadelphia	25,015
1936	Bridgeport, Conn., Centennial	do	Denver	180,092
1936	California-Pacific Exposition, San Diego	do	Philadelphia	5,005
1936	Cincinnati Music Center	do	San Francisco	5,006
1936	do	do	Denver	5,005
1936	do	do	Philadelphia	25,015
1936	Great Lakes Exposition, Cleveland, Centennial	do		

[1] Octagonal.
[2] Round.

XX.--Annual commemorative coinage--Continued

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
1936	Columbia, S. C., Sesquicentennial	Half dollar	Philadelphia	9,007
1936	....do	....do	San Francisco	8,007
1936	....do	....do	Denver	8,009
1936	Daniel Boone Bicentennial	....do	Philadelphia	12,012
1936	....do	....do	San Francisco	5,006
1936	....do	....do	Denver	5,005
1936	Elgin, Ill., Centennial	....do	Philadelphia	25,015
1936	Long Island Tercentennial	....do	....do	100,053
1936	Lynchburg, Va., Sesquicentennial	....do	....do	20,013
1936	Oregon Trail	....do	....do	10,006
1936	....do	....do	San Francisco	5,006
1936	Providence, R. I., Tercentennial	....do	Philadelphia	20,013
1936	....do	....do	San Francisco	15,011
1936	....do	....do	Denver	15,010
1936	Texas Centennial	....do	Philadelphia	10,008
1936	....do	....do	San Francisco	10,008
1936	....do	....do	Denver	10,007
1936	Wisconsin Centennial	....do	Philadelphia	25,015
1936	York County, Maine, Tercentennial	....do	....do	25,015
1937	Battle of Antietam, seventy-fifth anniversary	....do	....do	50,028
1937	Arkansas Centennial	....do	....do	30,770
1937	....do	....do	San Francisco	5,506
1937	....do	....do	Denver	5,505
1937	Great Lakes Exposition, Cleveland Centennial.	....do	Philadelphia	25,015
1937	Daniel Boone Bicentennial	....do	....do	15,010
1937	....do	....do	San Francisco	5,006
1937	....do	....do	Denver	7,506
1937	Battle of Gettysburg, seventy-fifth anniversary.	....do	Philadelphia	50,028
1937	New Rochelle, N.Y., two hundred and fifieth anniversary.	....do	....do	25,015
1937	Norfolk, Va., Tercentennial of land grant and bicentennial of city.	....do	....do	25,013
1937	Oregon Trail	....do	Denver	12,008
1937	Roanoke Island, N. C., three hundred and fiftieth anniversary.	....do	Philadelphia	50,030
1937	Swedes' Landing in Delaware, Tercentennial	....do	....do	25,015
1937	Texas Centennial	....do	....do	8,005
1937	....do	....do	San Francisco	8,007
1937	....do	....do	Denver	8,006
1938	Arkansas Centennial	....do	Philadelphia	6,006
1938	....do	....do	San Francisco	6,006
1938	....do	....do	Denver	6,005
1938	Daniel Boone Bicentennial	....do	Philadelphia	5,005
1938	....do	....do	San Francisco	5,006
1938	....do	....do	Denver	5,005
1938	Oregon Trail	....do	Philadelphia	6,006
1938	....do	....do	San Francisco	6,006
1938	....do	....do	Denver	6,005
1938	Texas Centennial	....do	Philadelphia	5,005
1938	....do	....do	San Francisco	5,006
1939	....do	....do	Denver	5,005
1939	Arkansas Centennial	....do	Philadelphia	2,104
1939	....do	....do	San Francisco	2,105
1939	....do	....do	Denver	2,104
1939	Oregon Trail	....do	Philadelphia	3,004
1939	....do	....do	San Francisco	3,005
1939	....do	....do	Denver	3,004
1946	Iowa Centennial	....do	Philadelphia	100,057
1946	Booker T. Washington	....do	....do	1,000,546
1946	....do	....do	San Francisco	500,279
1947	....do	....do	Denver	200,113
1947	....do	....do	Philadelphia	100,017
1947	....do	....do	San Francisco	100,017
1948	....do	....do	Denver	100,017
1948	....do	....do	Philadelphia	20,005
1948	....do	....do	San Francisco	20,005
1948	....do	....do	Denver	20,005
1949	....do	....do	Philadelphia	12,004
1949	....do	....do	San Francisco	12,004
1950	....do	....do	Denver	12,004
1950	....do	....do	Philadelphia	12,004
1950	....do	....do	San Francisco	512,091
		....do	Denver	12,004

XX. --Annual commemorative coinage--Continued

Calendar year	Commemorative coin	Denomination	Coinage mint	Number coined
	Booker T. Washington--Continued			
1951	....do.....	....do.....	Philadelphia..	510,082
1951	....do.....	....do.....	San Francisco.	12,004
1951	....do.....	....do.....	Denver.....	12,004
1951	Booker T. Washington-George Washington Carver	....do.....	Philadelphia..	110,018
1951	....do.....	....do.....	San Francisco.	10,004
1951	....do.....	....do.....	Denver.....	10,004
1952	....do.....	....do.....	Philadelphia..	2,006,292
1952	....do.....	....do.....	San Francisco.	8,006
1952	....do.....	....do.....	Denver.....	8,006
1953	....do.....	....do.....	Philadelphia..	8,003
1953	....do.....	....do.....	San Francisco.	108,020
1953	....do.....	....do.....	Denver.....	8,003
1954	....do.....	....do.....	Philadelphia..	12,006
1954	....do.....	....do.....	San Francisco.	122,024
1954	....do.....	....do.....	Denver.....	12,006
	Total.....	.....	.....	18,252,744

REPORT OF THE DIRECTOR OF THE MINT ON THE WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND COINS

Report of the Director of the United States Mint on the World's Monetary Stocks of Gold, Silver, and Coins

Authoritative information on foreign coinage systems, monetary gold and silver, and related subjects is secured directly from foreign governments by the Director of the United States Mint by means of Interrogatories sent yearly through the Department of State to United States foreign service officers stationed abroad.

In general, information submitted on the Interrogatories is published herein as received, with the addition of equivalents. World production of gold and silver are compilations of the Bureau of Mines, United States Department of the Interior.

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Coinage mints of the world

[So far as reported to the Director of the United States Mint]

Country	Name of mint	Location
United States	Office of Director of the Mint	Treasury Department, Washington 25, D.C.
Do	Philadelphia Mint	16th and Spring Garden Sts.,Philadelphia, Pennsylvania.
Do	Denver Mint	Colfax and Delaware Sts., Denver, Colorado.
Do	San Francisco Mint	Buchanan St. and Duboce Ave., San Francisco, California.
Afghanistan	Royal Afghan Mint	Kabul.
Argentina	Casa de Moneda de la Nacion	Avenida Wilson, Puerto Nuevo, Buenos Aires.
Australia	Royal Mint, Melbourne Branch	Melbourne, C. 1, Victoria.
Do	Royal Mint, Perth Branch	Perth, Western Australia.
Austria	Osterreichisches Hauptmiinzamt	Vienna III, Am Heumarkt 1.
Belgium	Administration des Monnaies	95, Rue Hotel des Monnaies, 95 Bruxelles.
Bolivia	Casa Nacional Moneda de Potosi	Potosi.
Brazil	Casa da Moeda	Praca da Republica, 173, Rio de Janeiro.
Canada	Royal Canadian Mint	Ottawa, Ontario.
Chile	Casa de Moneda y Especies Valoradas	Quinta Normal, Santiago.
Colombia	Casa de Moneda. Bogota Mint acquired properties of Medellin Mint from Dept. of Antioquia, authorized by Decree No. 2697 of Oct. 10, 1953.	Calle 11, No. 4-93, Bogota.
Denmark	Den Kongelige Mont	Amagerboulevard 115, Copenhagen, S.
Egypt	Minting House	Abbassia, Cairo (operations commencing on July 23, 1954).
Finland	Suomen Rahapaja Myntverket	Kanavakatu 4, Helsinki.
France	Commission de Controle de la Circulation Monetaire:	
Do	Monnaie de Paris	11, Quai Conti, Paris 6.
Do	Monnaie de Beaumont-le-Roger	Department of Eure.
Germany	Bayerisches Hauptmiinzamt	Munchen, Hofgraben 4.
Do	Wiirttembergisches Miinzamt	Stuttgart, Neckarstrasse 19.
Do	Badische Miinzverwaltung	Karlsruhe, Stephanienstrasse 28.
Do	Hamburgische Munze	Hamburg-Altona, Goldbachstrasse 9.
Guatemala	Casa Nacional de Moneda. Government mint transferred from Ministry of Finance to Bank of Guatemala by Decree No. 6, effective July 2, 1954.	6a. Calle No. 4-28, Guatemala City.
India	Indian Government Mint	
Do	....do	Bombay.
Do	Hyderabad Mint	Alipore (Suburb of Calcutta).
		Hyderabad (Deccan). (Under jurisdiction of Government of India from April 1, 1950).
Iran	Tehran Mint	Tehran.
Italy	La Zecca	Via Principe Umberto, 4, Rome.
Japan	Mint Bureau	1 Shinkawasakicho, Kita-ku, Osaka City.
Do	Tokyo Branch	3277, 1 chome, Nishisugamo, Toshimaku, Tokyo-to, Tokyo.
Do	Hiroshima Branch	Itsumachi, Saheki-gun, Hiroshima Prefecture.
Do	Kumamoto Sub-branch	Shimoinami, Sendanbata-cho Kumamoto City, Kumamoto Prefecture.
Mexico	Casa de Moneda	Calle del Apartado No. 13, Mexico, D. F.
Nepal	His Majesty's Mint	Sundhara Kathmandu.
Netherlands	's Rijks Munt	Utrecht, Leidseweg 90.
Norway	Den Kongelige Norske Mynt	Kongsberg.
Pakistan	Pakistan Mint	Baghban Pura, Lahore (Punjab).
Peru	Casa Nacional de Moneda	Jiron Junin, 791 Lima. (Operated by Banco Central de Reserva del Peru.)
Portugal	Casa da Moeda	Avenida Dr. Antonio Jose de Almeida, Lisbon.
Spain	Fabrica Nacional de Moneda y Timbre	Plaza de Colon, 4, Madrid.
Sweden	Kungl. Mynt-och Justeringsverket	Hantverkargatan 5, Postbox 16285, Stockholm 16.
Switzerland	Swiss Federal Mint	Bernastrasse 28, Bern.
Do	Huguenin Freres and Co. (Private mint)	Le Lode.
Taiwan	Central Mint of China	Taipei.
Thailand (Siam)	Royal Mint	No. 4 Chao Fah Road, Bangkok.
Turkey	Darphane ve Damga Matbassi Midurlugu (Directorate of Mint and Printing House).	Istanbul.
Union of South Africa	South African Mint	P.O. Box 464, 103 Visagie St., Pretoria.
United Kingdom	Royal Mint	London, E. C. 3, England. (See also Australia).
Do	Messrs. The Mint, Birmingham, Ltd. (Private mint.)	Birmingham 18, England.
Do	Messrs. Imperial Chemical Industries, Ltd. (Private mint).	Witton, Birmingham 6, England.

Coinage of nations during the year ended Dec. 31, 1953

UNITED STATES

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Half dollars	12.5	30.6	900 silver, 100 copper	27,969,346
Quarter dollars	6.25	24.3	....do	88,793,320
Dimes	2.5	17.9	....do	229,231,920
5 cents	5	21.2	75 copper, 25 nickel	125,862,300
1 cent	3.11	19.1	95 copper, 5 zinc and tin	1,139,233,800
Total				1,611,090,686

ALGERIA

100 francs	12	30	75 copper, 25 nickel	3,483,200

ARGENTINA

50 centavos	5	23	Steel core 90 percent by weight with pure nickel cladding 5 percent each side.	75,100,000
20 centavos	4	21	Steel core 90 percent by weight with cladding 5 percent each side of cupro-nickel alloy of 75 percent copper and 25 percent nickel	47,400,000
10 centavos	3	19	....do	106,600,000
5 centavos	2	17	....do	58,800,000
Total				287,900,000

AUSTRIA

5 schillings	4	31	98.5 aluminum, 1.5 magnesium	16,992,000
1 schilling	2	25	....do	572,000
50 groschen	1.4	22	....do	1,634,000
20 groschen	4.5	22	91.5 copper, 8.5 aluminum	2,706,000
10 groschen	1.1	20	98.5 aluminum, 1.5 magnesium	8,743,000
5 groschen	2.5	19	Zinc	5,661,000
2 groschen	.9	18	98.5 aluminum, 1.5 magnesium	11,879,000
Total				48,187,000

BOLIVIA

5 bolivianos	5	23	95.5 copper, 3 tin, 1.5 zinc	1,500,000

BRAZIL

2 cruzeiros	8	25	90 copper, 8 aluminum, 2 zinc	3,582,000
1 cruzeiro	7	23	....do	5,195,000
50 centavos	5	21	....do	17,372,000
20 centavos	4	19	....do	25,585,000
10 centavos	3	17	....do	25,883,000
Total				77,617,000

BRITISH EAST AFRICA

Shilling	7.77587	27.7	75 copper, 25 nickel	14,725,474
10 cents*	9.44963	30.9	95.5 copper, 3 tin, 1.5 zinc	5,200,000
5 cents*	5.66991	25.5	....do	3,000,000
1 cent*	1.94397	20.2	....do	7,000,000
Total				29,925,474

*Perforated.

Coinage of nations during the year ended Dec. 31, 1953--Continued

BRITISH WEST AFRICA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
Shilling	5.655	23.6	79 copper, 20 zinc, 1 nickel	14,400,000
Sixpence	3.49914	19.4	....do	2,544,000
Penny*	9.44963	30.9	95.5 copper, 3 tin, 1.5 zinc	5,262,400
Halfpenny*	5.66991	25.5	....do	9,547,200
Tenthpenny*	1.94397	20.2	....do	15,050,400
Total	.....	.....	.....	46,804,000

*Perforated.

BURMA

Rupee	11.66381	30.5	75 copper, 25 nickel	2,500,000
50 pyas	7.77587	26	....do	2,500,000
25 pyas (a)	6.80389	24	....do	13,540,000
10 pyas	4.53592	(b)	....do	28,500,000
5 pyas (a)	3.23995	19.5	....do	23,800,000
1 pya	2.26796	18	95.5 copper, 3 tin, 1.5 zinc	1,000,000
Total	.....	.....	.....	71,840,000

(a) Scalloped.
(b) Square coin, 19.8 mm. across flats, 23.4 mm. diagonally.

CAMBODIA

50/100 de piastre	3.5	31	95 aluminum, 5 magnesium	2,000,000

CANADA

1 dollar	23.3276	36	800 silver, 200 copper	1,074,578
50 cents	11.6638	29.6	....do	1,630,429
25 cents	5.8319	23.6	....do	10,456,769
10 cents	2.3328	17.8	....do	17,706,395
5 cents	4.5359	21.2 to 21.3	Steel chrome plated	16,635,552
1 cent	3.2399	19.1	98 copper, 1.5 zinc, 0.5 tin	67,806,016
Total	.....	.....	.....	115,309,739

COLOMBIA

20 centavos	5	23	900 silver, 100 bronze	8,494,490
10 centavos	2 1/2	18	75 copper, 25 nickel	6,985,000
5 centavos	4	21	95 copper, 5 nickel	5,180,000
1 centavo	2	17	Steel, copper-nickel plated	12,000
Total	.....	.....	.....	20,671,490

COSTA RICA

10 centimos	1.75	18	Chromium stainless steel	5,290,000
5 centimos	.875	15	....do	9,040,000
Total	.....	.....	.....	14,330,000

CUBA

1 peso	26.7295	38.1	900 silver, 100 copper	1,000,000
50 centavos	12.5	30.6	....do	2,000,000
25 centavos	6.25	24.3	....do	19,000,000
20 centavos	5	23.3	....do	2,000,000
1 centavo	2.3	16.8	70 copper, 30 zinc	50,000,000
Total	.....	.....	.....	74,000,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

DENMARK

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
2 kroner	13	31.5	92 copper, 6 aluminum, 2 nickel	1,112,336
1 krone	6.5	25.5	....do	1,757,339
25 öre	4.5	23	75 copper, 25 nickel	6,220,901
10 öre	3	18	....do	10,284,202
5 öre	6.4	27	Zinc	5,806,234
2 öre	3.2	21	....do	8,112,006
1 öre	1.6	16	....do	11,993,826
Total				45,286,844

DOMINICAN REPUBLIC

10 centavos	2.5	17.9	900 silver, 100 copper	750,000

EL SALVADOR

10 centavos	7	26	70 copper, 18 zinc, 12 nickel	1,664,000
5 centavos	5	23	....do	2,000,000
1 centavo	2.5	16	95 copper, 5 zinc	10,000,000
Total				13,664,000

ETHIOPIA

25 cents	6.8039	26	95 copper, 5 zinc	28,701,000
10 cents	6.0911	23	....do	25,000,000
5 cents	4.0175	20	....do	34,888,000
Total				88,589,000

FIJI

Sixpence	2.82782	19.4	75 copper, 25 nickel	800,000
Penny	6.47989	26	....do	115,200
Halfpenny	3.23995	21	....do	144,000
Total				1,059,200

FINLAND

50 markkaa	5.5	25	93 copper, 5 aluminum, 2 nickel	10,308,000
20 markkaa	4.5	22.5	....do	2,883,000
10 markkaa	3	20	....do	22,650,000
5 markkaa	2.55	18	Iron	9,772,000
1 markka	1.15	16	....do	28,568,000
Total				74,181,000

FRANCE

50 francs	8	27	91 copper, 9 aluminum	86,547,368
20 francs	4	23.5	....do	100,931,050
10 francs	3	20	....do	82,737,856
Total				270,216,274

FRENCH MOROCCO

200 francs	8	27	720 silver, 280 copper	969,580
100 francs	4	22	....do	15,000,070
2 francs	1.2	22	95 aluminum, 5 magnesium	10,000,000
Total				25,969,650

Coinage of nations during the year ended Dec. 31, 1953--Continued

GERMANY, FEDERAL REPUBLIC

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
5 Deutschemark	11.2	29	625 silver, 375 copper	14,579,190
2 Deutschemark	7	25.5	75 copper, 25 nickel	31,852
1 Deutschemark	5.5	23.5	....do	22,643,355
50 pfennig	3.5	20	....do	74,289
10 pfennig	4	21.5	Iron center with tombak plating on each side.	11,790,822
5 pfennig	3	18.5	....do	81,204,423
2 pfennig	3.25	19.25	95 copper, 4 tin, 1 zinc	51,969
1 pfennig	2	16.5	Iron center with copper plating on each side.	186,785,632
Total	.....	.....	.....	317,161,532

GUATEMALA

10 centavos	3 1/3	21	720 silver, 280 copper	338,196
5 centavos	1 2/3	16	....do	446,514
1 centavo	3	21	70 copper, 30 zinc	2,214,478
Total	.....	.....	.....	2,999,188

HAITI

10 centimes	4	22.7	70 copper, 18 zinc, 12 nickel	1,500,000
5 centimes	2.75	19.9	....do	3,000,000
Total	.....	.....	.....	4,500,000

ICELAND

10 aurar	1.5	15	75 copper, 25 nickel	4,000,000
1 eyrir	1.6	15	95.5 copper, 3 tin, 1.5 zinc	4,000,000
Total	.....	.....	.....	8,000,000

INDIA

National coinage				
1 anna	3.888	(a)	75 copper, 25 nickel	1,400,000
1/2 anna	2.916	(b)	....do	10,000,000
Single pice	2.916	21.3	97 copper, 2.5 zinc, 0.5 tin	242,358,400
Total	.....	.....	.....	253,758,400
Hyderabad State coinage				
1 anna	3.726	.....	95 copper, 4 tin, 1 zinc	772,000
2 pies	1.164	.....	....do	2,664,000
Total	.....	.....	.....	3,436,000

(a) Scalloped edge, 21 mm. maximum, 19.8 mm. minimum.
(b) Square coin with round corners, 17.4 mm. across sides, 19.8 mm. diagonally.

IRAN (Mar. 21, 1953)

5 rials	7	26	75 copper, 25 nickel	3,660,000
2 rials	4	22.5	....do	5,335,000
1 rial	2	18.5	....do	4,735,000
Total*	.....	.....	.....	13,730,000

*In addition, 4,081,000 rials face value of small denomination coins composed of 91.5% copper and 8.5% aluminum were manufactured. Further details not available.

Coinage of nations during the year ended Dec. 31, 1953--Continued

IRAQ

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
100 fils	10	29	900 silver, 100 copper	200,000
50 fils	9	26.5	500 silver, 400 copper, 50 nickel 50 zinc.	160,000
20 fils	3.6	20.5	....do	250,000
10 fils*	6.75	25	75 copper, 25 nickel	500,000
4 fils*	4	21	....do	1,250,000
2 fils	5	24	95.5 copper, 3 tin, 1.5 zinc	500,000
1 fil	2.5	19.5	....do	2,000,000
Total				4,860,000

*Scalloped.

IRELAND

Sixpence	4.536	21	75 copper, 25 nickel	800,000
Threepence	3.24	17.7	....do	1,600,000
Halfpenny	5.67	25.5	95.5 copper, 3 tin, 1.5 zinc	2,400,000
Farthing	2.83	20.2	....do	192,000
Total				4,992,000

ITALY

10 lire	1.6	23.3	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	151,500,000
5 lire	1	20.2	....do	196,200,000
2 lire	0.8	18.2	....do	4,125,000
1 lira	0.625	17.2	....do	2,800,000
Total				354,625,000

JAMAICA

Penny	7.5	27	79 copper, 20 zinc, 1 nickel	1,200,000

JAPAN

10 yen	4.5	23.5 (a)	95 copper, 3 to 4 zinc, 1 to 2 tin	466,300,000
5 yen	3.75		60 to 70 copper, 30 to 40 zinc	45,000,000
Total				511,300,000

(a) Round coin 22 mm. in diameter with hole in center 5 mm. diameter.

LAOS

50/100 de piastre	3.5	31	95 aluminum, 5 magnesium	1,400,000
20/100 de piastre	2.2	27	....do	3,000,000
10/100 de piastre	1.3	23	....do	2,000,000
Total				6,400,000

LEBANON

50 piasters	5	24	600 silver, 400 copper	7,200,000
25 piasters	4	23.5	91 copper, 9 aluminum	7,200,000
Total				14,400,000

MADAGASCAR

5 francs	3.5	31	95 aluminum, 5 magnesium	16,066,000
1 franc	1.3	23	....do	861,000
Total				16,927,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

MALAYA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
10 cents	2.83	18.4	75 copper, 25 nickel	7,238,7[illegible]
5 cents	1.41	16.3	...do	7,400,4[illegible]
Total	.....	.....	.....	14,639,1[illegible]

MAURITIUS

2 cents	3.89	23.1	95.5 copper, 3 tin, 1.5 zinc	250,000
1 cent	1.94	17.8	...do	500,000
Total	.....	.....	.....	750,000

MEXICO

5 pesos	27-7/9	40	720 silver, 280 copper	21,376,000
1 peso	13-1/3	32	300 silver, 500 copper, 100 nickel, 100 zinc.	38,144,000
20 centavos	10	28.5	95 copper, 5 zinc	26,947,500
5 centavos	6.5	25.5	...do	31,568,000
1 centavo	2	16	85 copper, 15 zinc	21,160,000
Total	.....	.....	.....	139,195,500

MUSCAT

5 baizas	3.888	.....	75 copper, 25 nickel	77,000*

*Pieces, 0.37 lakhs.

NETHERLANDS

25 cents	3	19	Nickel	3,600,000
5 cents	3.5	21	95 copper, 4 zinc, 1 tin	12,000,000
1 cent	2	17	...do	54,000,000
Total	.....	.....	.....	69,600,000

NETHERLANDS ANTILLES (CURAÇAO)

1 guilder	10	28	720 silver, 280 copper	1,000,000
1 cent	2.5	19	95 copper, 4 zinc, 1 tin	1,000,000
Total	.....	.....	.....	2,000,000

NEW CALEDONIA

5 francs	3.5	31	95 aluminum, 5 magnesium	2,604,000
2 francs	2.2	27	...do	2,000,000
Total	.....	.....	.....	4,604,000

NEW ZEALAND

Crown	28.2759	38.7	75 copper, 25 nickel	250,000
Halfcrown	14.13795	32.3	...do	120,000
Florin	11.31036	28.5	...do	250,000
Shilling	5.65518	23.6	...do	200,000
Sixpence	2.82759	19.4	...do	1,200,000
Threepence	1.41379	16.3	...do	4,000,000
Penny	9.44984	30.9	95.5 copper, 3 tin, 1.5 zinc	2,600,000
Halfpenny	5.6699	25.5	...do	720,000
Total	.....	.....	.....	9,140,000

Coinage of nations during the year ended Dec. 31, 1953--Continued

NICARAGUA

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	8	26	75 copper, 25 nickel	1,000,000
25 centavos	5	23	....do	1,000,000
10 centavos	4	20	....do	1,500,000
5 centavos	3	17	....do	2,000,000
Total				5,500,000

NORWAY

1 krone[1]	7	25	75 copper, 25 nickel	500,000
50 öre	4.8	22	....do	2,370,000
25 öre	2.4	17	....do	2,320,000
10 öre	1.5	15	....do	7,700,000
5 öre	7	27	95 copper, 4 tin, 1 zinc	7,184,000
2 öre	3.5	21	....do	5,715,000
1 öre	1.74	16	....do	8,130,000
Total				33,919,000

PAKISTAN

2 annas (a)	5.8319	25.4	75 copper, 25 nickel	7,916,000
		22.4		9,352,000
		20	....do	
1 anna (b)	3.8879	18.5		3,124,000
		19.8	79 copper, 20 zinc, 1 nickel	35,289,614
1/2 anna (a)	2.916	17.4		110,400
Single pice (c)	2.3328	20.6	....do	
Pie pieces	1.296	15.9	97 copper, 2.5 zinc, 0.5 tin	55,792,014
Total				

(a) Square with round corners.
(b) Scalloped with 12 scallops.
(c) Round.

PANAMA, REPUBLIC

1 balboa	26.73	38	900 silver, 100 copper	50,000
0.50 balboa	12.50	30	....do	600,000
0.25 balboa	6.25	25	....do	1,200,000
0.10 balboa	2.50	18	....do	3,350,000
1 centesimo	3.11	19	95 copper, 5 zinc and tin	1,500,000
Total				6,700,000

PARAGUAY

50 centimos*	6.8	25	79 copper, 20 zinc, 1 nickel	3,000,000
25 centimos*	5.2	23	....do	1,000,000
15 centimos*	3.9	21	....do	3,900,000
10 centimos*	2.9	19	....do	2,600,000
Total				10,500,000

*Scalloped.

PERU

100 soles[1]	46.8071	37	900 gold, 100 copper	498
50 soles[1]	23.4035	30	....do	464
20 soles[1]	9.3614	25	....do	435
1 sol	14	33	70 copper, 30 zinc	1,142,500
1/2 sol	7.5	27	....do	817,000
20 centavos	3.8	24	....do	2,615,000
10 centavos	2.7	20	....do	5,668,000
5 centavos	1.87	17	....do	6,976,000
2 centavos	1.4	17	....do	1,150,000
1 centavo	1.1	15	95 zinc, 5 copper	3,260,000
Total			....do	21,629,897

[1] Coined for private account.

Coinage of nations during the year ended Dec. 31, 1953--Continued

PORTUGAL

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 centavos	4.5	22.8	61 copper, 20 zinc, 19 nickel	2,369,004
20 centavos	3	20.5	95 copper, 3 zinc, 2 tin	9,426,200
10 centavos	2	17.5	...do	7,547,800
Total				19,343,004

PORTUGUESE EAST AFRICA, MOZAMBIQUE

2-1/2 escudos	3.5	20	75 copper, 25 nickel	6,008,000
1 escudo	8	26	95 copper, 3 zinc, 2 tin	2,013,150
50 centavos	4	20	...do	5,010,050
Total				13,031,200

PORTUGUESE WEST AFRICA, ANGOLA

2-1/2 escudos	3.5	20	75 copper, 25 nickel	6,000,150
1 escudo	8	26	95 copper, 3 zinc, 2 tin	1,011,150
50 centavos	4	20	...do	5,019,150
Total				12,030,450

PORTUGUESE WEST AFRICA, CAPE VERDE

10 escudos	5	24	720 silver, 280 copper	400,000
2-1/2 escudos	3.5	20	75 copper, 25 nickel	500,000
1 escudo	8	26	95 copper, 3 zinc, 2 tin	250,000
Total				1,150,000

SEYCHELLES

10 cents	6.156	(a)	79 copper, 20 zinc, 1 nickel	130,000

(a) 12-sided coin, 21.1 mm. across flats, 21.9 mm. diagonally.

SOUTHERN RHODESIA

Crown	28.2759	38.7	500 silver, 400 copper, 50 nickel, 50 zinc.	125,000

SWEDEN

2 kronor	14	31	400 silver, 500 copper, 50 nickel 50 zinc.	1,203,205
1 krona	7	25	...do	
50 öre	4.8	22	...do	2,737,033
25 öre	2.32	17	...do	5,133,380
10 öre	1.44	15	...do	18,471,360
5 öre	8	27	95 copper, 4 tin, 1 zinc	26,073,240
2 öre	4	21	...do	11,770,540
1 öre	2	16	...do	14,911,600
Total				20,770,800

SWITZERLAND

5 francs	15	31	835 silver, 165 copper	3,403,450
2 francs	10	27	...do	437,950
1 franc	5	23	...do	786,000
50 centimes	2.5	18	...do	3,567,200
20 centimes	4	21	75 copper, 25 nickel	6,958,000
10 centimes	3	19	...do	6,148,700
5 centimes	2	17	...do	9,131,000
2 centimes	3	20	95 copper, 4 tin, 1 zinc	2,006,900
1 centime	1.5	16	...do	5,947,300
Total				38,386,600

Coinage of nations during the year ended Dec. 31, 1953--Continued

TAIWAN (FORMOSA)

Denomination	Gross weight in grams	Diameter in millimeters	Composition	Number of pieces coined
50 cents	5	.....	720 silver, 280 copper	13,214,000
20 cents	1.8	.....	Nickel	29,925,000
10 cents	1.5	.....	95 copper, 5 zinc	44,960,000
Total	.....	.....	.....	88,099,000

UNION OF SOUTH AFRICA

Pound	7.9881	22	916-2/3 gold, 83-1/3 copper	4,000
Half pound	3.994	19.5	....do	4,000
Crown	28.2759	39	500 silver, 480 copper, 20 manganese	263,000
Half crown	14.1379	32.2	....do	3,084,424
Florin	11.3104	28.6	....do	2,872,704
Shilling	5.6552	23.8	....do	2,676,979
Sixpence	2.8276	19.3	....do	3,976,416
Threepence	1.4138	16.3	....do	6,963,726
Penny	9.4498	30.9	95 copper, 4.5 zinc, 0.5 tin	7,510,395
Halfpenny	5.6699	25.5	....do	6,721,555
Farthing	2.835	20.2	....do	9,633,278
Total	.....	.....	.....	43,710,477

UNITED KINGDOM

Crown	28.2759	38.7	75 copper, 25 nickel	5,962,621
Halfcrown	14.13795	32.3	....do	3,612,844
Florin	11.31036	28.5	....do	11,525,185
Shilling	5.65518	23.6	....do	40,834,643
Shilling (a)	5.65518	23.6	....do	20,228,157
Sixpence	2.82759	19.4	....do	69,603,451
Threepence	6.80388	(b)	79 copper, 20 zinc, 1 nickel	45,773,200
Penny	9.44984	30.9	95.5 copper, 3 tin, 1.5 zinc	588,400
Halfpenny	5.6699	25.5	....do	17,766,000
Farthing	2.83495	20.2	....do	6,330,000
Maundy money				
Fourpence	1.88506	17.6	925 silver, 75 copper	1,078
Threepence	1.41379	16.3	....do	1,078
Twopence	.94253	13.4	....do	1,025
Penny	.47126	11.2	....do	1,050
Total	.....	.....	.....	222,228,732

(a) Scottish.
(b) 12-sided coin, 21.1 mm. across flats, 21.9 mm. diagonally.

URUGUAY

10 cents	4.5	22	75 copper, 25 nickel	11,750,000
2 cents	2.5	17	....do	11,500,000
Total	.....	.....	.....	23,250,000

VATICAN CITY

10 lire	1.6	23.2	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	3,390,000
5 lire	1	20.2	....do	4,500,000
2 lire	0.8	18.2	....do	1,200,000
1 lira	0.625	17.2	....do	1,200,000
Total [a]	.....	.....	.....	10,290,000

[a] Does not include 1,000 gold pieces in denomination of 100 Vatican lire with gross weight of 5.1966 grams, fineness 900/1000, and diameter of 20.7 mm. These are not minted for circulation.

Coinage of Chile during the year ended Dec. 31, 1952

(See previous year's Report for coinage of other nations in 1952)

Denomination	Gross weight in grams[1]	Diameter in millimeters	Composition	Number of pieces coined
1 peso	7.5	25	95.5 copper, 3 tin, 1.5 zinc	10,400,000
20 centavos	3	18	do	15,500,000
Total	.....	.....	.....	25,900,000

[1] Total gross weight, 137.2 tons, including 131.1 tons copper, 4.1 tons tin, and 2 tons zinc.

Consumption of metals in the 1953 coinage of nations--in short tons

[Calculations based on data in Coinage of nations tables]

Country	Total gross weight	Gold	Silver	Nickel	Copper	Zinc	Tin	Aluminum	Magnesium	Manganese	Steel	Iron
United States	6,228.0	.....	1,465.9	173.4	4,393.4	[1] 195.3	.....	.....	.....	.....	.....	.....
Algeria	46.1	.....	.....	11.6	34.5	.....	.....	.....	.....	.....	.....	.....
Argentina	1,105.1	.....	.....	58.7	51.8	.....	.....	.....	.....	.....	994.6	.....
Austria	130.1	.....	.....	.....	12.3	15.6	.....	100.7	1.5	.....	.....	.....
Bolivia	8.3	.....	.....	.....	7.9	.1	0.3	.....	.....	.....	.....	.....
Brazil	365.8	.....	.....	.....	329.2	7.3	.....	29.3	.....	.....	.....	.....
British East Africa	214.1	.....	.....	31.6	178.6	1.3	2.6	.....	.....	.....	.....	.....
British West Africa	246.3	.....	.....	1.0	218.8	22.1	4.4	.....	.....	.....	.....	.....
Burma	385.1	.....	.....	95.6	289.4	([2])	.1	.....	.....	.....	.....	.....
Cambodia	7.7	.....	.....	.....	.....	.....	.....	7.3	.4	.....	.....	.....
Canada	486.7	.....	129.1	.....	269.6	3.6	1.2	.....	.....	.....	[3] 83.2	.....
Colombia	88.9	.....	14.0	6.0	68.9	.....	.....	.....	.....	.....	([2])	.....
Costa Rica	18.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	[4] 18.9	.....
Cuba	325.7	.....	179.1	.....	108.6	38.0	.....	.....	.....	.....	.....	.....
Denmark	184.1	.....	.....	16.8	74.9	90.7	.....	1.7	.....	.....	.....	.....
Dominican Republic	2.1	.....	1.9	.....	.2	.....	.....	.....	.....	.....	.....	.....
El Salvador	51.4	.....	.....	2.8	42.9	5.7	.....	.....	.....	.....	.....	.....
Ethiopia	537.6	.....	.....	.....	510.7	26.9	.....	.....	.....	.....	.....	.....
Fiji	3.8	.....	.....	.9	2.9	.....	.....	.....	.....	.....	.....	.....
Finland	215.4	.....	.....	3.0	141.1	.....	.....	7.6	.....	.....	.....	63.7
France	1,481.9	.....	.....	.....	1,348.5	.....	.....	133.4	.....	.....	.....	.....
French Morocco	87.9	.....	53.8	.....	20.9	.....	.....	12.5	.7	.....	.....	.....
Germany (Federal Republic)	1,050.3	.....	112.5	34.5	171.0	([2])	([2])	.....	.....	.....	.....	[5] 732.3
Guatemala	9.4	.....	1.5	.....	5.7	2.2	.....	.....	.....	.....	.....	.....
Haiti	15.7	.....	.....	1.9	11.0	2.8	.....	.....	.....	.....	.....	.....
Iceland	13.7	.....	.....	1.7	11.7	.1	.2	.....	.....	.....	.....	.....
India	823.8	.....	.....	9.5	790.5	19.6	4.2	.....	.....	.....	.....	.....
Iran (year ended Mar. 21, 1953)	[6] 62.2	.....	.....	15.6	[6] 46.6	.....	.....	([6])	.....	.....	.....	.....
Iraq	22.3	.....	3.3	2.4	16.1	.3	.2	.....	.....	.....	.....	.....
Ireland	25.3	.....	.....	2.4	22.2	.2	.5	.....	.....	.....	.....	.....
Italy	489.0	.....	.....	.....	.....	.....	.....	470.4	17.1	1.5	.....	.....
Jamaica	9.9	.....	.....	.1	7.8	2.0	.....	.....	.....	.....	.....	.....
Japan	2,498.0	.....	.....	.....	2,327.6	148.3	23.1	.....	.....	.....	.....	.....
Laos	15.5	.....	.....	.....	.....	.....	.....	14.7	.8	.....	.....	.....
Lebanon	71.4	.....	23.8	.....	44.8	.....	.....	2.8	.....	.....	.....	.....
Madagascar	63.2	.....	.....	.....	.....	.....	.....	60.0	3.2	.....	.....	.....
Malaya	34.1	.....	.....	8.5	25.6	.....	.....	.....	.....	.....	.....	.....
Mauritius	2.1	.....	.....	.....	2.0	([2])	.1	.....	.....	.....	.....	.....
Mexico	1,785.0	.....	639.4	56.1	1,000.3	89.2	.....	.....	.....	.....	.....	.....
Muscat	.2	.....	.....	.1	.1	.....	.....	.....	.....	.....	.....	.....

Consumption of metals in the 1953 coinage of nations--in short tons--Continued

[Calculations based on data in Coinage of nations tables]--Continued

Country	Total gross weight	Gold	Silver	Nickel	Copper	Zinc	Tin	Aluminum	Magnesium	Manganese	Steel	Iron
Netherlands	177.3	.....	.....	11.9	157.1	6.6	1.7	.....	.....	.....	.....	.....
Netherlands Antilles	13.8	.....	8.0	.....	5.7	.1	(2)	.....	.....	.....	.....	.....
New Caledonia	14.9	.....	.....	.....	.....	.....	.....	14.2	.7	.....	.....	.....
New Zealand	53.5	.....	.....	6.0	46.2	.4	.9	.....	.....	.....	.....	.....
Nicaragua	27.6	.....	.....	6.9	20.7	.....	.....	.....	.....	.....	.....	.....
Norway	128.3	.....	.....	8.8	114.9	.9	3.7	.....	.....	.....	.....	.....
Pakistan	191.9	.....	.....	23.7	148.0	20.2	(2)	.....	.....	.....	.....	.....
Panama	32.4	.....	24.5	.....	[1] 7.6	.3	.....	.....	.....	.....	.....	.....
Paraguay	53.3	.....	.....	.5	42.1	10.7	.....	.....	.....	.....	.....	.....
Peru	72.3	(3)	.....	.....	46.9	25.4	.....	.....	.....	.....	.....	.....
Portugal	59.6	.....	.....	2.2	52.6	3.8	1.0	.....	.....	.....	.....	.....
Portuguese East Africa--Mozambique	63.0	.....	.....	5.8	55.2	1.2	.8	.....	.....	.....	.....	.....
Portuguese West Africa--Angola	54.2	.....	.....	5.8	46.9	.9	.6	.....	.....	.....	.....	.....
Portuguese West Africa--Cape Verde	6.3	.....	1.6	.5	4.1	.1	(2)	.....	.....	.....	.....	.....
Seychelles	.9	.....	.....	(2)	.7	.2	.....	.....	.....	.....	.....	.....
Southern Rhodesia	3.9	.....	1.9	.2	1.6	.2	.....	.....	.....	.....	.....	.....
Sweden	372.2	.....	62.8	7.8	283.0	10.0	8.6	.....	.....	.....	.....	.....
Switzerland	162.9	.....	62.8	17.8	81.4	.2	.7	.....	.....	.....	.....	.....
Taiwan (Formosa)	206.5	.....	52.4	59.4	91.0	3.7	.....	.....	.....	.....	.....	.....
Union of South Africa	282.4	(4)	66.0	.....	206.2	6.8	.8	.....	.....	2.6	.....	.....
United Kingdom	1,463.7	.....	(2)	249.3	1,139.6	70.7	4.1	.....	.....	.....	.....	.....
Uruguay	90.0	.....	.....	22.5	67.5	.....	.....	.....	.....	.....	.....	.....
Vatican City	12.8	(5)	.....	.....	(2)	.....	.....	12.3	.4	.1	.....	.....
Total	22,756.8	.....	2,904.3	963.3	15,207.1	833.7	59.8	866.9	24.8	4.2	1,096.7	796.0

[1] Includes small amount of tin.
[2] Less than 0.1 ton.
[3] Chrome-plated.
[4] Chromium stainless steel.
[5] Iron center with 5% layer of copper or copper-zinc alloy on each side.
[6] Does not include small denomination coins composed of 91.5% copper and 8.5% aluminum.
[7] Coined for private account (34,416 grams).
[8] Proof coin sets (43,934 grams).
[9] Not for circulation (4,677 grams).

Silver coins withdrawn from active circulation in specified countries during 1953

Country	Nominal value in monetary unit of issuing country	Approximate silver content-Fine ounces
United States	1,447,647 U.S. dollars	1,006,600
British East Africa[1]	933,772 East African pounds	.....
Canada	52,360 Canadian dollars	37,605
Cuba[2]	15,404,000 Cuban pesos	11,900,000
Honduras[3]	1,290 Honduran lempiras	467
Do.	728,000 U.S. dollars	.....
Ireland	19,724 Irish pounds	53,794
Malaya	1,096,591 Malayan dollars	957,232
Mexico	3,711,877 Mexican pesos	689,346
Netherlands	2,891,404 Netherlands florin	735,776
Portuguese East Africa	2,136,000 Portuguese escudos	70,044
Sweden	138,876 Swedish kronor	10,439
Switzerland	741,000 Swiss francs	112,528
Union of South Africa	403,671 South African pounds	1,150,683
United Kingdom	663,419 English pounds	1,151,773
Sum of stated ounces	....	17,876,287

[1] Represents decrease of silver coins in circulation from June 30, 1952 to June 30, 1953 in the East African currency area.
[2] Represents sales of demonetized silver peso disks.
[3] United States coins ceased to be legal tender in Honduras on Dec. 31, 1953.

Estimated quantity of gold and silver used in the industrial arts in various countries during 1952 and 1953--in fine troy ounces

Country	1952		1953	
	Gold	Silver	Gold	Silver
United States	2,752,872	96,500,000	2,142,860	106,000,000
Argentina	289,356	1,607,537	289,356	1,607,537
Austria	36,999	116,424	39,742	95,112
Belgium	38,300	1,250,000	[1]	[1]
Brazil	[1]	[1]	270,456	1,168,486
British Guiana	7,875	.....	9,309	.....
Canada	100,000	3,800,000	182,000	4,663,000
Ceylon	150,000	500,000	[2] 12,933	[2] 50,000
Colombia	31,600	[1]	[1]	[1]
Cuba[3]	12,931	9,484	10,105	9,452
Egypt	[1]	[1]	591,767	838,684
El Salvador	9,791	1,200	9,856	1,200
Finland	13,107	398,488	14,996	372,949
France	[1]	10,545,444	[1]	14,467,834
Germany, Federal Republic[4]	11,191	10,375,451	43,146	11,895,775
Guatemala	800	20,000	800	20,000
Haiti	1,000	45,000	[3] 7,430	[3] 6,057
Honduras	1,500	20,000	1,000	20,000
Indonesia	[1]	588,605	[1]	[1]
Japan	[5] 12,685	[1]	[6] 3,524	[1]
Lebanon	28,936	[1]	28,936	16,075
Liberia	2,000	[1]	[1]	[1]
Libya	3,215	13,664	3,215	13,664
Luxembourg[7]	5	.....	70	.....
Madagascar	[8] 12	.....	[1]	.....
Mexico	[1]	970,408	[1]	679,219
Netherlands	[1]	[1]	41,314	278,843
Netherlands Antilles	290	[1]	[1]	[1]
New Zealand	[9] 7,123	[1]	[9] 5,540	[1]
Nicaragua	5,675	5,814	[10] 1,207	[10] 694
Norway	[9] 8,038	1,286,030	[9] 9,645	1,446,783
Peru	64,301	471,555	45,011	647,580
Portugal	199,617	1,469,533	184,781	1,406,941
Sweden	[9] 70,828	.....	[9] 72,146	.....
Tunisia	33,180	489,624	31,443	511,518
Turkey	[1]	[1]	100,000	300,000
Union of South Africa	23,450	545,758	27,992	519,930
United Kingdom	531,130	9,064,207	333,207	11,858,291
Venezuela	[11] 88,600	.....	[11] 94,140	.....
Sum of stated ounces	4,536,407	140,094,226	4,607,527	158,895,934

[1] Data not available.
[2] Estimate of Commissioner of Cottage Industries.
[3] Imports.
[4] Issued for technical purpose.
[5] Allocation of Government-owned gold for industrial arts.
[6] Jan. - July, allocation of Government-owned gold for industrial arts; Aug. - Dec. estimated from reports by the public to the government.
[7] Issued for dental use.
[8] Sales for jewelry and dental use.
[9] Official sales.
[10] Official sales estimated to represent about one-sixth of quantity used.
[11] Jewelry and dental use.

Secondary gold and silver deposited with the monetary authority in specified countries, calendar year--1953 in fine ounces[1]

Country	Gold	Silver
United States	214,079	594,569
Austria	2,440	35,625
Canada	25,000	2,525
Union of South Africa	500	30,575

[1] Includes old plate, jewelry, and other scrap materials deposited with government mints after use in arts and industry.

Characteristics of coins in circulation in 1953

CONVERSION FACTORS USED: 1 GRAM = 15.43235639 grains. 1 INCH = 25.4 MILLIMETERS. COINS ARE ROUND EXCEPT AS NOTED. THICKNESSES MAY BE APPROXIMATE.

(See COINAGE OF NATIONS for coins currently minted)

UNITED STATES

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 dollar	26.73	900 silver, 100 copper	38.1	2.9
1/2 dollar (50 cents)	12.5	....do	30.6	2.2
1/4 dollar (25 cents)	6.25	....do	24.3	1.7
1/10 dollar (10 cents or dime)	2.5	....do	17.9	1.3
5 cents	5	75 copper, 25 nickel	21.2	2
Do.	5	56 copper, 35 silver, 9 manganese	21.2	2
1 cent	3.11	95 copper, 5 zinc and tin	19.1	1.6
Do.	3.11	95 copper, 5 zinc	19.1	1.6
Do.	2.7	Zinc-coated steel	19.1	1.6

United States copper-silver-manganese 5-cent piece coined Oct. 1942-Dec. 1945, inclusive.
United States copper-zinc 1-cent piece coined 1944-46, inclusive.
United States zinc-coated steel 1-cent piece coined only during calendar year 1943.

ADEN

[British East African coins became legal tender in Aden Oct. 1, 1951, replacing coins of India which had formerly circulated. Maria Theresa thalers continue to circulate. For characteristics of the Maria Theresa thaler (trade coin) see Austria]

AFGHANISTAN (1951)

25 puls	7	Cupro-nickel	25	.....
Do.	3	....do	20	1.2
20 puls	6	....do	26	.....
Do.	6	....do	24	.....
Do.	5	....do	22	.....
5 puls	2.5	....do	18	1.2
Do.	3	Copper	22	.....
Do.	3	....do	20	.....
3 puls	3	....do	17	1.8
2 puls	2.5	....do	16	1.7
	2	....do	15	1.6

ALGERIA

100 francs	12	75 copper, 25 nickel	30	.....
50 francs	8	....do	27	.....
20 francs	5.5	....do	23	.....

Metropolitan French aluminum coins in 1, 2, and 5 franc denominations also circulate in Algeria.

ANDORRA

[Spanish money principal circulating medium in Andorra. French money also circulates]

ANGLO-EGYPTIAN SUDAN

[Egyptian coins and United Kingdom florins and shillings (George V only) circulate in the Sudan]

Characteristics of coins in circulation in 1953--Continued

ARGENTINA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 centavos	5	Steel core 90 percent by weight with nickel cladding 5 percent each side.	23	1.5
20 centavos*	4	Steel core 90 percent by weight with cladding of cupro-nickel alloy 5 percent each side. (Alloy 75 percent copper and 25 percent nickel) Unmilled edge.	21	1.5
10 centavos*	3	....do	19	1.3
5 centavos*	2	....do	17	1.1
2 centavos	3 1/3	95 copper, 4 tin, 1 zinc	20	1.1
1 centavo	2	....do	16	.9

*Copper (92) aluminum (8), and copper (75) nickel (25) coins continue to circulate. Weights and diameters same as above, thicknesses 1.3, 1.2, and 1 mm., respectively.

AUSTRALIA (1951)

Crown	28.2759	925 silver, 75 copper	38.4	3
Florin	11.31036	925 silver, 75 copper; and 500 silver, 400 copper, 50 nickel, 50 zinc.	28.7	2.1
Shilling	5.65518	....do	23.8	1.8
Sixpence	2.82759	....do	19.4	1.4
Threepence	1.41379	....do	16.1	1
Penny	9.44984	95.5 copper, 3.0 tin, 1.5 zinc; and 97 copper, 2.5 zinc, 0.5 tin.	30.8	2
Halfpenny	5.6699	....do	25.5	1.6

Australian silver coins of 500 fineness first issued July 21, 1947; thicknesses vary slightly from coins of 925 fineness.

Australian coins legal tender in Papua, New Guinea, Norfolk Island, and Nauru.

United Kingdom silver coins of 500 fineness legal tender in Australia; quantity in circulation negligible.

AUSTRIA

5 schillings	4	98.5 aluminum, 1.5 magnesium	31	2.4
2 schillings	2.8	....do	28	2
1 schilling	2	....do	25	1.8
50 groschen	1.4	....do	22	1.6
20 groschen	4.5	91.5 copper, 8.5 aluminum	22	1.7
10 groschen	3.5	Zinc	21	1.8
Do	1.1	98.5 aluminum, 1.5 magnesium	20	1.6
5 groschen	2.5	Zinc	19	1.5
2 groschen	.9	98.5 aluminum, 1.5 magnesium	18	1.5
1 groschen	1.8	Zinc	17	1.3
1 reichspfennig	1.8	....do	17	1.3
Trade coins				
4 fold ducat	13.9636	986 1/9 gold, 13 8/9 copper	39.5	.8
1 fold ducat	3.4909	....do	19.75	.8
100 kronen	33.8753	900 gold, 100 copper	37	2.2
20 kronen	6.7751	....do	21	1.4
20 francs	6.4516	....do	21	1.4
10 francs	3.2258	....do	19	.9
Maria Theresa thaler	28.0668	833 1/3 silver, 166 2/3 copper	39.5	2.5

AZORES

[Coins of Portugal circulate in the Azores]

BAHAMAS

[United Kingdom coins circulate in the Bahamas]

BAHREIN ISLANDS

[Coins of India circulate in Bahrein Islands]

BARBADOS

[United Kingdom coins circulate in Barbados]

BASUTOLAND

[Coins of Union of South Africa circulate in Basutoland]

Characteristics of coins in circulation in 1953--Continued

BECHUANALAND

[Coins of Union of South Africa and Southern Rhodesia circulate in Bechuanaland]

BELGIAN CONGO (1951)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 francs	17.5	600 silver, 400 copper	35	2.3
5 francs	7.5	66 2/3 copper, 33 1/3 zinc	27	2
Do	13	86.3 copper, 7.9 zinc, 3.3 nickel, 1.5 aluminum, 1.0 iron.	33	2
2 francs (hexagonal)	6	66 2/3 copper, 33 1/3 zinc	25/29	1.5
Do	5	....do	22	1.5
1 franc	2.5	....do	19	1.3
Do	10	75 copper, 25 nickel	28	2
50 centimes	6.5	....do	24	1.8
20 centimes	6	....do	25	1.5
10 centimes	4	....do	22	1.3
5 centimes	2.5	....do	19	1

BELGIUM (1951)

100 francs	18	835 silver, 165 copper	33	.....
50 francs	12.5	....do	30	.....
20 francs	8	....do	27	.....
Do	6.4516	900 gold, 100 copper	21	.....
5 francs	12	Pure nickel	31	.....
Do	6	75 copper, 25 nickel	24	.....
2 francs	2.75	Iron	19	.....
1 franc	4	75 copper, 25 nickel	21	.....
Do	4.5	Pure nickel	21.5	.....
Do	4.25	Zinc du commerce	21.5	.....
50 centimes	2.5	Pure nickel	18	.....
Do	2.75	95 copper, 3 tin, 2 zinc	19	.....
25 centimes	6.5	75 copper, 25 nickel	26--4.5	.....
Do	6.5	64 copper, 20 zinc, 16 nickel	26-3.5	.....
Do	6.5	Zinc du commerce	26-3.5	.....
10 centimes	4	75 copper, 25 nickel	22-4	.....
Do		Copper, zinc, 15/100 nickel minimum	22-4	.....
Do		64 copper, 20 zinc, 16 nickel	22-3	.....
5 centimes		Zinc du commerce	22-3	.....
Do	2.5	75 copper, 25 nickel	19-3.5	.....
Do	2.5	Copper, zinc, 15/100 nickel minimum	19-3.5	.....
Do	2.5	64 copper, 20 zinc, 16 nickel	19-2.5	.....
2 centimes	2.5	Zinc du commerce	19-2.5	.....
1 centime	4	Pure copper	21.5	.....
	2	....do	16.5	.....

Belgian Royal decree of Jan. 18, 1951, demonetized as from Apr. 1, 1951, the following coins: 5-franc, pure nickel coins struck pursuant to provisions of decree of June 27, 1930, and decree of Nov. 10, 1938 as amended by decree of Dec. 5, 1938; 5-franc coins struck pursuant to provisions of order of the Secretary General of the Ministry of Finance of Feb. 24, 1941, and art. II of decree law of Dec. 30, 1946; 2-franc steel coins issued in London during the war by the Belgian National Bank, and recalled by the State pursuant to provisions of decree law of Nov. 21, 1945, as amended by decree of Dec. 30, 1946. See previous reports for description of these coins.

Belgian coins with two dimeters are round with round hole in center.

Belgian coins circulate in Luxembourg along with distinctive Luxembourg coins.

BERMUDA

[United Kingdom coins circulate in Bermuda]

BHUTAN

1/2 rupee	.....	Nickel	.....	.....
Single pice	.....	97 copper, 2.5 zinc, 0.5 tin	.....	.....

Coins of India also circulate in Bhutan.

Characteristics of coins in circulation in 1953--Continued

BOLIVIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
10 bolivianos	7	95.5 copper, 3 tin, 1.5 zinc	27	2
5 bolivianos	5	....do	23	2
1 boliviano	3	....do	18	1.5

BORNEO

[Malayan coins in circulation in British Borneo since 1945]

BRAZIL

2 cruzeiros	8	90 copper, 8 aluminum, 2 zinc	25	2.2
1 cruzeiro	7	....do	23	2.2
50 centavos	5	....do	21	2
20 centavos	4	....do	19	2
10 centavos	3	....do	17	2

BRITISH CAMEROONS

[British West African coins circulate in the British Cameroons]

BRITISH EAST AFRICA (INCLUDES KENYA, TANGANYIKA, UGANDA, ZANZIBAR, ADEN AND BRITISH SOMALILAND PROTECTORATE)

1 shilling	7.7759	250 silver, 700 copper, 50 manganese; and, 75 copper, 25 nickel.	27.7	1.5
50 cents	3.8879	....do	21	1.3
10 cents*	9.4496	95.5 copper, 3 tin, 1.5 zinc	30.9	1.8
5 cents*	5.6699	....do	25.5	1.5
1 cent*	1.9440	....do	20.3	.8

*Perforated.

Bronze 10- and 5-cent denominations minted prior to 1942 were of different proportions of metals, with weights of 175 and 100 grains respectively, same diameters as present coins but slightly thicker.

BRITISH GUIANA

British Guiana fourpence ("bit").	1.88506	500 silver, 400 copper, 90 nickel, 50 zinc.	16.5	1.5

In addition, United Kingdom coins circulate in British Guiana in the following denominations: Crown, half-crown, florin, shilling, sixpence, threepence, penny, and halfpenny.

BRITISH HONDURAS

50 cents	11.6205	925 silver, 75 copper	29.8	.....
25 cents*	5.8102	....do	23.2	.....
10 cents	2.3241	....do	18.0	.....
5 cents	3.6287	99 copper, 20 zinc, 1 nickel	20.3	.....
1 cent	5.67	95.5 copper, 3 tin, 1.5 zinc	25.5	.....

*Coinage in 1952 of 75 copper, 25 nickel alloy.

Characteristics of coins in circulation in 1953--Continued

BRITISH WEST AFRICA (INCLUDES GAMBIA, GOLD COAST, NIGERIA, AND SIERRA LEONE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Florin	11.31036	79 copper, 20 zinc, 1 nickel	28.5	.....
Shilling	5.65518	....do	23.6	.....
Sixpence	3.499	....do	19.4	.....
Threepence	5.184	75 copper, 25 nickel	21.5	.....
Penny	9.45	75 copper, 25 nickel and 95.5 copper, 3 tin, 1.5 zinc.	30.9	.....
Halfpenny	5.67	....do	25.5	.....
Tenthpenny	1.944	....do	20.2	.....

Silver coins in process of withdrawal in British West Africa. Cupronickel penny, halfpenny, and tenthpenny are being replaced by bronze alloy.

BRUNEI

[Malayan coins circulate in Brunei]

BURMA

Rupee or 1 kyat	11.664	75 copper, 25 nickel	30.5	.....
1/2 rupee	5.832	Nickel	24.1	.....
1/4 rupee	2.916	....do	19.1	.....
2 annas (square)	5.832	75 copper, 25 nickel	25.4 22.4	.....
1 anna (scalloped)	3.888	....do	21.0 19.8	.....
1/2 anna	2.916	....do	19.8 17.4	.....
50 pyas	7.776	....do	26	.....
25 pyas	6.804	....do	24	.....
10 pyas (square)	4.536	....do	19.8 23.4	.....
5 pyas (scalloped)	3.24	....do	19.5	.....
1 pya	2.268	95.5 copper, 3 tin, 1.5 zinc	18	.....

Burmese coins of 1/2 and 1/4 rupee denominations are round; 2 anna and 1/2 anna, square with round corners; and 1 anna, scalloped. Burmese coinage system now decimalized on the rupee (also known as the 1 kyat) of 100 pyas. Type of edge: 1 rupee and 50 pyas, security; 25 pyas, scalloped (six waves); 10 pyas, square (rounded corners); 5 pyas, scalloped (12 waves); and 1 pya, plain.

CANADA (INCLUDING NEWFOUNDLAND*)

1 dollar	23.3276	925 silver, 75 copper; and 800 silver, 200 copper.	36	3
50 cents	11.6638	....do	29.6	2.1
25 cents	5.8319	....do	23.6	1.8
10 cents	2.3328	....do	17.8	1.3
5 cents	1.1664	....do	15.5	.6
Do	4.5359	Pure nickel	21.2 to 21.3	1.9 1.9
Do	4.5359	88 copper, 12 zinc (Tombac)	21.2	1.9
Do	4.5359	Steel chrome plated	21.2	1.7
1 cent	3.2399	98 copper, 1.5 zinc, 0.5 tin	19.1	

*Newfoundland coins formerly issued also continue to circulate in Newfoundland.

CEYLON

50 cents	5.508	79 copper, 20 zinc, 1 nickel	24.1	1.9
25 cents	2.754	....do	18	1.5
10 cents (scalloped edge)	4.212	....do	(a)	1.4
5 cents (square with round corners).	3.888	75 copper, 25 nickel	(b)	1.6
Do	3.888	79 copper, 20 zinc, 1 nickel	(b)	1.6
Do	3.24	....do	(b)	1.5
2 cents (scalloped edge)	2.592	....do	(c)	1.3
1 cent	4.725	95.5 copper, 3 tin, 1.5 zinc	22.4	1.7
Do	2.362	97 copper, 2.5 zinc, 0.5 tin	22.4	.9
1/2 cent	2.362	....do	18	1.5

a Across scallops, 22.9 mm. Inside scallops, 21 mm.
b Diagonally, 21.8 mm. Across flats, 18.5 mm.
c Across scallops, 18.4 mm. Inside scallops, 17 mm.

Characteristics of coins in circulation in 1953--Continued

CHILE

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 peso	7.5	95.5 copper, 3 tin, 1.5 zinc	25	2
50 centavos	4	....do	20.5	1.7
20 centavos	3	....do	18	1.6

COLOMBIA

50 centavos	12.5	500 silver, 400 copper, 50 nickel, 50 zinc.	30	2
20 centavos	5	....do	23	1.5
Do	5	300 silver, 700 bronze	23	1.5
10 centavos	2.5	500 silver, 500 bronze, and 75 copper, 25 nickel.	18	1
5 centavos	4	75 copper, 25 nickel, and 95 copper, 5 nickel.	21	1.5
2 centavos	3	Cupronickel, bronze, and steel with copper-nickel plating (75-25).	19	1

COSTA RICA

2 colones	14	75 copper, 25 nickel	32	2
1 colon	10	....do	29	2
50 centimos	7	....do	26	1.7
25 centimos	3.45	....do	23	1.3
10 centimos	2	95 copper, 4 zinc, 1 tin; and 75 copper, 25 nickel.	18	1.1
Do	1.75	Chromium stainless steel	18	1.2
5 centimos	1	95 copper, 4 zinc, 1 tin; and 75 copper, 25 nickel.	15	1
Do	0.875	Chromium stainless steel	18	1.2

CUBA

1 peso	26.7295	900 silver, 100 copper	38.1	2.9
50 centavos	12.5	....do	30.6	2.2
40 centavos	10	....do	29	1.7
25 centavos	6.25	....do	24.3	1.7
20 centavos	5	....do	23.3	1.4
10 centavos	2.5	....do	17.9	1
5 centavos	5	75 copper, 25 nickel	21.2	2
Do	5	70 copper, 30 zinc	23.2	2
2 centavos	3.5	75 copper, 25 nickel	19.3	1.6
1 centavo	2.5	....do	19	1.5
Do	2.5	70 copper, 30 zinc	19	1.5
Do	2.3	....do	16.8	1.5

United States coins ceased to be legal tender in Cuba as of June 30, 1951 by virtue of Cuban Decree 1384 of Apr. 9, 1951.

CYPRUS

18 piastres (2 shillings)	11.31036	925 silver, 75 copper	30	.....
Do	11.31036	75 copper, 25 nickel	28.5	.....
9 piastres (1 shilling)	5.65518	925 silver, 75 copper	.....	.....
Do	5.65518	75 copper, 25 nickel	23.6	.....
1 piastre	5.184	75 copper, 25 nickel; and 95.5 copper, 3 tin, 1.5 zinc.	23.5	1.5
1/2 piastre	2.592	....do	19.5	1

Composition of former bronze coins 97 copper, 2.5 zinc, 0.5 tin.

Characteristics of coins in circulation in 1953--Continued

DENMARK

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
2 kroner	13	92 copper, 6 aluminum, 2 nickel	31.5	2.5
1 krone	6.5	....do	25.5	1.9
25 ore:				
Christian X	4.5	75 copper, 25 nickel	23	1.7
Do	3.6	Zinc	23	1.6
Frederik IX	4.5	75 copper, 25 nickel	23	1.6
10 ore:				
Christian X	2.4	Zinc	18	1.6
Do	3	75 copper, 25 nickel	18	1.8
Frederik IX	3	....do	18	1.7
5 ore:				
Christian X	7.6	95 copper, 4 tin, 1 zinc	27	1.9
Do	2.4	Aluminum	27	1.8
Do	6.4	Zinc	27	1.8
Frederik IX	6.4	....do	27	1.8
2 ore:				
Christian X	3.8	95 copper, 4 tin, 1 zinc	21	1.6
Do	1.2	Aluminum	21	1.5
Do	3.2	Zinc	21	1.5
Frederik IX	3.2	....do	21	1.5
1 ore:				
Christian X	1.9	95 copper, 4 tin, 1 zinc	16	1.3
Do	1.6	Zinc	16	1.3
Frederik IX	1.6	....do	16	1.3

DOMINICA

[United Kingdom coins circulate in Dominica]

DOMINICAN REPUBLIC

1 peso	26.73	900 silver, 100 copper	38.1	2.9
1/2 peso	12.5	....do	30.6	2.2
25 centavos	6.25	....do	24.3	1.7
10 centavos	2.5	....do	17.9	1.3
5 centavos	5	75 copper, 25 nickel	21.2	2
1 centavo	3	95 copper, 5 zinc and tin	19.1	1.6

ECUADOR

5 sucres	25	720 silver, 280 copper	37.5	2.9
2 sucres	10	....do	28.8	2
1 sucre	5	....do	23.5	1.6
Do	7	Pure nickel	26	1.6
20 centavos	4	80 copper, 20 zinc	21	1.5
Do	4	75 copper, 25 nickel	21	1.3
10 centavos	3	80 copper, 20 zinc	19	1.3
Do	3	75 copper, 25 nickel	19	1
5 centavos	2	80 copper, 20 zinc	17	1
Do	2	75 copper, 25 nickel	17	

Minor number of Ecuadorian silver coins in circulation.

Characteristics of coins in circulation in 1953--Continued

EGYPT (SEE also Anglo-Egyptian Sudan)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
500 piasters	42.5	875 gold, 125 copper	40	.....
100 piasters	8.5	....do	23	.....
50 piasters	4.25	....do	20	.....
20 piasters	1.7	....do	14.5	.....
Do	28	833-1/3 silver, 166-2/3 copper	40	.....
10 piasters	14	....do	33	.....
5 piasters	7	....do	26	.....
2 piasters	2.8	....do	19	.....
1 piaster	1.4	....do	14.5	.....
10 milliemes	5.5	75 copper, 25 nickel	23	.....
Do	6	95 copper, 4 tin, 1 zinc	25	.....
5 milliemes	4	75 copper, 25 nickel	21	.....
2-1/2 milliemes	3	....do	20	.....
2 milliemes	2.5	....do	18	.....
1 millieme	4.4	95 copper, 4 tin, 1 zinc	23	.....
1/2 millieme	3-1/3	....do	20	.....

Decree law 426 of 1953 provides for change in fineness of 20, 10, and 5-piaster Egyptian coins to 625 parts silver and 375 parts copper, with weights of 14, 7, and 3.5 grams, respectively.

EL SALVADOR

25 centavos*	7.5	900 silver, 100 copper	29	1.5
10 centavos	7	75 copper, 25 nickel; and 70 copper, 18 zinc, 12 nickel.	26	1.7
5 centavos	5	Nickel-silver 12%; 75 copper, 25 nickel; and 70 copper, 18 zinc, 12 nickel.	23	1.7
3 centavos	4	75 copper, 25 nickel	20	1.7
1 centavo	16.3	95 copper, 5 zinc; 95 copper, 5 zinc and tin; and 75 copper, 25 nickel.	16.3	1.7

*United States dimes (1/10 dollar) also circulate as 25-centavo denomination in El Salvador.

ERITREA

[British East African coins circulate in Eritrea]

ETHIOPIA

50 cents	7.0307	800 silver, 200 copper; and 700 silver, 300 copper.	25	2
25 cents	6.8039	95 copper, 5 zinc; and 95 copper, 5 zinc and tin.	26	2.1
10 cents	6.0911	....do	23	2.1
5 cents	4.0175	....do	20	1.8
1 cent	2.8511	....do	17	1.8

FALKLAND ISLANDS

[United Kingdom coins circulate in the Falkland Islands]

FAROE ISLANDS

[Danish coins circulate in the Faroe Islands]

Characteristics of coins in circulation in 1953--Continued

FIJI

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Florin	11.31036	500 silver, 500 copper	28.6	2.2
Shilling	5.65518	....do	23.9	1.7
Sixpence	2.82759	....do	19.4	1.3
Threepence (12-sided)	6.1559	79 copper, 20 zinc, 1 nickel	21.1	2.4
Penny	6.4799	75 copper, 25 nickel	21.9	
Halfpenny	3.23995	....do	26.1	1.9
			21	1.6

FINLAND

500 markkaa (Olympic coin)	12	500 silver, 400 copper, 100 nickel	32	2
50 markkaa	5.5	93 copper, 5 aluminum, 2 nickel	25	1.9
20 markkaa	13	92 copper, 6 aluminum, 2 nickel	31	2.3
Do	4.5	93 copper, 5 aluminum, 2 nickel	22.5	1.9
10 markkaa	8	92 copper, 6 aluminum, 2 nickel	27	2
Do	3	93 copper, 5 aluminum, 2 nickel	20	1.5
5 markkaa	4.5	92 copper, 6 aluminum, 2 nickel	23	1.8
Do	4.5	90 copper, 7 zinc, 3 aluminum	23	1.8
Do	4.55	72 copper, 28 zinc	23	1.8
Do	2.55	Iron	18	1.5
1 markka	4	75 copper, 25 nickel	21	1.5
Do	4.5	95 copper, 4 tin, 1 zinc; or pure copper.	21	1.5
Do	3.5	Iron	21	1.5
Do	1.15	....do	16	1

The 50, 25, 10, 5, and 1-penni denomination coins, no longer legal tender, are accepted for exchange by the Bank of Finland.

FRANCE

50 francs	8	91 copper, 9 aluminum	27	.....
20 francs	4	....do	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

FRENCH CAMEROUN

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

FRENCH EQUATORIAL AFRICA

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

Characteristics of coins in circulation in 1953--Continued

FRENCH GUADELOUPE

[Metropolitan French coins circulate in French Guadeloupe]

FRENCH GUIANA

[Metropolitan French coins circulate in French Guiana]

FRENCH MARTINIQUE

[Metropolitan French coins circulate in French Martinique]

FRENCH MOROCCO

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
200 francs	8	720 silver, 280 copper	27	1.8
100 francs	4	....do	22	1.4
50 francs	8	91 copper, 9 aluminum	27	2.1
20 francs	4	....do	23.5	1.5
10 francs	3	....do	20	1.5
5 francs	1.85	95 aluminum, 5 magnesium	25	1.8
2 francs	1.2	....do	22	1.5
1 franc	0.8	....do	19	1.3

FRENCH OCEANIA

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

FRENCH SOMALILAND

5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

FRENCH WEST (OCCIDENTAL) AFRICA

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

GERMANY, FEDERAL REPUBLIC

5 Deutschemark	11.2	625 silver, 375 copper	29	2
2 Deutschemark	7	75 copper, 25 nickel	25.5	1.9
1 Deutschemark	5.5	....do	23.5	1.8
50 pfennigs	3.5	....do	20	1.6
10 pfennigs	4	Iron kernel with 5 percent copper-zinc plating on each side.	21.5	1.7
5 pfennigs	3	....do	18.5	1.7
2 pfennigs	3.25	95 copper, 4 tin, 1 zinc	19.3	1.5
1 pfennig	2	Iron kernel with 5 percent copper plating on each side.	16.5	1.4

GIBRALTAR

[United Kingdom coins circulate in Gibraltar]

GREENLAND

1 krone	8	Aluminum-bronze	27.5	1.9
5 øre	4	....do	22	1.6
25 øre	7	Cupronickel	25	2

Characteristics of coins in circulation in 1953--Continued

GRENADA

[United Kingdom coins circulate in Grenada]

GUATEMALA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
25 centavos	8 1/3	720 silver, 280 copper	27	1.3
10 centavos	3 1/3	....do	21	.8
5 centavos	1 2/3	....do	16	.7
2 centavos	6	70 copper, 30 zinc	25.5	1.6
1 centavo	3	....do	21	1
1/2 centavo	1 1/2	....do	16	.7

GUERNSEY

8 doubles	9.7198	95 copper, 4 tin, 1 zinc	31.6	.....
4 doubles	4.8599	....do	26.4	.....
2 doubles	3.564	....do	22.2	1.3
1 double	2.268	....do	19	1.3

United Kingdom coins also circulate in Guernsey.

HAITI

50 centimes	9.88	75 copper, 25 nickel	29	1.9
20 centimes	7.55	....do	26	1.8
10 centimes	4	....do	22	1.3
Do	4	70 copper, 18 zinc, 12 nickel	22.7	1.4
5 centimes	2.65	75 copper, 25 nickel	20	1.1
Do	2.75	70 copper, 18 zinc, 12 nickel	19.9	1.3

United States coins also circulate in Haiti.

HONDURAS

1 lempira	12.5	900 silver, 100 copper	31	2
50 centavos	6.25	....do	24	1.7
20 centavos	2.5	....do	18	1.4
10 centavos	7	75 copper, 25 nickel	26	1.9
5 centavos	5	....do	21	1.9
2 centavos	3	95 copper, 5 zinc and tin	20	1.4
1 centavo	2	....do	15	1.7

United States coins ceased to be legal tender in Honduras as of Dec. 31, 1953.

HONG KONG

50 cents	5.832	75 copper, 25 nickel	.....	.....
10 cents	4.5359	79 copper, 20 zinc, 1 nickel	20.6	.....
5 cents	2.592	....do	16.5	.....

Characteristics of coins in circulation in 1953--Continued

ICELAND

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
2 kronur	9.5	92 copper, 6 aluminum, 2 nickel	28	2
1 krona	4.75	....do	22.5	1.5
25 aurar	2.4	75 copper, 25 nickel	17	1.3
Do	2	Zinc	17	1.3
10 aurar	1.5	75 copper, 25 nickel	15	1
Do	1.25	Zinc	15	1
5 aurar	6	95 copper, 4 tin, 1 zinc	24	1.5
2 aurar	3	....do	19	1.3
1 eyrir	.6	97 copper, 2.5 zinc, 0.5 tin	15	1

INDIA

1 rupee	11.6638	500 silver, 500 copper, zinc, and nickel.	30.5	.....
Do	11.6638	Pure nickel	27.9	2.1
1/2 rupee	5.8319	500 silver, 500 copper, zinc, and nickel.	24.1	.....
Do	5.8319	Pure nickel	24.1	1.4
1/4 rupee or 4 annas	2.916	916 2/3 silver, 83 1/3 copper	19.1	.....
Do	2.916	500 silver, 500 copper, zinc, and nickel.	19.1	.....
Do	2.916	Pure nickel	19.1	1.2
Do	6.8039	75 copper, 25 nickel	23.5 / 25.4	.....
1/8 rupee or 2 annas	1.458	916 2/3 silver, 83 1/3 copper	15.2	.....
Do	5.8319	75 copper, 25 nickel	22.4 / 25.4	1.5
Do (George V)	5.8319	....do	21 / 25.4	.....
Do	5.8319	79 copper, 20 zinc, 1 nickel	22.4 / 25.4	.....
1 anna	3.8879	75 copper, 25 nickel	21 / 19.8	1.4
Do	3.8879	79 copper, 20 zinc, 1 nickel	21 / 19.8	.....
1/2 anna	2.916	75 copper, 25 nickel	19.8 / 17.4	1.3
Do	2.916	79 copper, 20 zinc, 1 nickel	19.8 / 17.4	.....
Single pice	6.4799	Copper	25.4	.....
Do	4.8599	97 copper, 2.5 zinc, 0.5 tin	25.4	.....
Do	3.8879	....do	21.3	13.7
Do	2.916	....do	21.3	10.7
Do	1.944	....do	21.3	13.7
1/2 pice	3.2399	Copper	21.3	.....
Do	2.43	97 copper, 2.5 zinc, 0.5 tin	21.3	.....
Pie pieces	2.1599	Copper	17.3	.....
Do	1.62	97 copper, 2.5 zinc, 0.5 tin	17.3	.....

Coins of India are round with three exceptions: 4 and 1 anna coins of cupronickel and nickel-brass, scalloped; 2 anna and 1/2 anna coins, square with round corners; and single pice of 1.944 grams, round with round hole in center approximately 9.4 millimeters in diameter.

Bronze alloy prior to February 1936 was 95 copper, 4 tin, and 1 zinc; from February 1936 through 1942, 95.5 copper, 3 tin, and 1.5 zinc; and from 1943 as shown in table.

Indian coins also circulate in Persian Gulf, Bahrein, Kuwait, Muscat, Bhutan, Nepal and French and Portuguese possessions in India.

In the Hyderabad State legal tender character of Hyderabad coins has been extended.

Characteristics of coins in circulation in 1953--Continued

INDONESIA (1952)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
25 cents	2.2	Aluminum	26	.....
10 cents	1.7	....do	23.5	.....
5 cents	1.3	....do	22	.....
2 1/2 cents	4	95 copper, 4 tin, 1 zinc; and 95 copper, 5 zinc.	23.5	.....
1 cent	2.5	....do	19	.....
Do	0.75	Aluminum	18	.....
1/2 cent	1.3	95 copper, 4 tin, 1 zinc; and 95 copper, 5 zinc.	14	.....
[Coins withdrawn from active circulation by the end of December 1951 as authorized by Indonesian Coin Law of 1951]				
10 florin	6.72	900 gold, 100 copper	22.5	.....
5 florin	3.36	....do	18	.....
2 1/2 florin	25	945 silver, 55 copper; and 720 silver, 280 copper.	38	2.5
1 florin	10	....do	28	2
50 cents	5	....do	22	1.5
25 cents	3.18	720 silver, 280 copper	19	1
10 cents	1.25	....do	15	.8
5 cents	5	75 copper, 25 nickel	21	1.5
IRAN				
1 pahlavi	8.13598	900 gold, 100 silver or copper	22	.....
1/2 pahlavi	4.06799	....do	19	.....
10 rials	16	600 silver, 400 copper	32	.....
5 rials	8	....do	26	.....
Do	7	75 copper, 25 nickel	26	.....
2 rials	3.2	600 silver, 400 copper	22	.....
Do	4	75 copper, 25 nickel	22.5	.....
1 rial	1.6	600 silver, 400 copper	18	.....
Do	2	75 copper, 25 nickel	18.5	.....
50 dinars	3.49	91.5 copper, 8.5 aluminum	20	.....
25 dinars	3	....do	19	.....
10 dinars	2.68	....do	18	.....
5 dinars	1.65	....do	16	.....
IRAQ				
200 fils (riyal)	20	900 silver, 100 copper	34	.....
100 fils	10	....do	29	.....
50 fils (dirham)	9	500 silver, 400 copper, 50 nickel, 50 zinc.	26.5	.....
20 fils	3.6	....do	20.5	.....
10 fils (scalloped)	6.75	95.5 copper, 3 tin, 1.5 zinc	25	.....
4 fils (scalloped)	4	....do	21	.....
2 fils	5	....do	24	.....
1 fil	2.5	....do	19.5	.....
IRELAND				
Half-crown	14.13795	750 silver, 250 copper; and 75 copper, 25 nickel.	32.4	2.3
Florin	11.31036	....do	28.6	2.3
Shilling	5.65518	....do	23.7	1.8
Sixpence	4.53593	Pure nickel; and 75 copper, 25 nickel	21	1.9
Threepence	3.23995	....do	17.7	1.9
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	1.9
Halfpenny	5.6699	....do	25.5	1.8
Farthing	2.83495	....do	20.2	1.5

Half-crowns, florins, and shillings of cupro-nickel alloy are approximately 0.2 mm. thicker than silver coins of same weights and diameters as shown in the table.

Characteristics of coins in circulation in 1953--Continued

ISLE OF MAN

[United Kingdom coins circulate in the Isle of Man]

ISRAEL (1951)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
250 prutot	14.14	75 copper, 25 nickel	32.3	.....
100 prutot	11.31	....do	28.5	.....
50 prutot	5.65	....do	23.5	.....
25 prutot	2.83	....do	19.5	.....
10 prutot	6.16	95.5 copper, 3 tin, 1.5 zinc	27	.....
5 prutot	3.24	....do	20	.....
1 pruta	1.26	96 aluminum, 3-4 magnesium, approximately 1 manganese.	21	.....

Palestine coins in process of withdrawal in Israel.

ITALIAN SOMALILAND

1 somalo	7.6	250 silver, 550 copper, 100 nickel, 100 zinc.	26.7	.....
50 centesimi	3.8	....do	21.7	.....
10 centesimi	10	95 copper, 5 zinc	30	.....
5 centesimi	6	....do	25.1	.....
1 centesimo	3	....do	20.1	.....

ITALY

10 lire	3	"Italma" (96.2 aluminum, 3.5 magnesium, 0.3 manganese).	29	1.7
Do	1.6	....do	23.3	1.6
5 lire	2.5	....do	26.7	1.8
Do	1	....do	20.2	1.5
2 lire	1.75	....do	24.1	1.5
1 lira	1.25	....do	21.6	1.3

Coins of Italy circulate in San Marino, Sardinia, and Sicily.

JAMAICA

Penny	7.5	79 copper, 20 zinc, 1 nickel	27	.....
Halfpenny	4.5	....do	22.5	.....
Farthing	2.75	....do	20.2	.....

United Kingdom coins also circulate in Jamaica.

JAPAN*

10 yen	4.5	95 copper, 4-3 zinc, 1-2 tin	23.5	1.3
5 yen	3.75	60-70 copper, 40-30 zinc	(a)	1.5
Do	4	....do	22	1.6

*Law no. 60 of July 1953 authorized demonetization after Jan. 1, 1954 of provisional coins of 1 yen and subsidiary coins of 50, 10, 5, and 1 sen. (Coins are described on page 75 of the 1953 Report.)

(a) Round coin of 22 mm. in diameter with hole in center of 5 mm. diameter.

Characteristics of coins in circulation in 1953--Continued

JERSEY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	.....
Halfpenny	5.6699	....do	25.5	.....

United Kingdom coins also circulate in Jersey.

JORDAN

100 fils	12	75 copper, 25 nickel	30	.....
50 fils	7.5	....do	26	.....
20 fils	3.75	....do	20	.....
10 fils	10	95.5 copper, 3 tin, 1.5 zinc	28	.....
5 fils	6	....do	24	.....
1 fil	3	....do	19	.....

Palestine coins in process of withdrawal in Jordan.

KUWAIT

[Coins of India circulate in Kuwait]

LABUAN

[Malayan coins circulate in Settlement of Labuan]

LAOS

[Coins minted in 1953]

50/100 de piastre	3.5	95 aluminum, 5 magnesium	31	.....
20/100 de piastre	2.2	....do	27	.....
10/100 de piastre	1.3	....do	23	.....

LEBANON

50 piasters	5	600 silver, 400 copper	24	.....
25 piasters	4	91 copper, 9 aluminum	23.5	.....

LEEWARD ISLANDS

[United Kingdom coins circulate in the Leeward Islands]

LIBERIA

[United States coins are legal tender and circulate in Liberia]

LIBYA

2 piastres	7.5	75 copper, 25 nickel	26	1
1 piastre	3.75	....do	20	1
5 milliemes	10	95.5 copper, 3 tin, 1.5 zinc	28	1
2 milliemes	6	....do	24	1
1 millieme	3	....do	18	1

Characteristics of coins in circulation in 1953--Continued

LIECHTENSTEIN

[Coins of Switzerland circulate in Liechtenstein]

LUXEMBOURG

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 francs	25	835 silver, 165 copper	37	2.7
50 francs	12.5	....do	31	2
20 francs	8.5	....do	27	1.9
5 francs	7	75 copper, 25 nickel	25.5	1.9
1 franc	5	....do	23	1.6
Do	6.5	....do	24	1.9
50 centimes	3.5	Pure nickel	20.5	1.4
25 centimes	5.5	75 copper, 25 nickel	25	1.6
Do	2.5	95 copper, 4 tin, 1 zinc	19	1.2

Belgian coins also circulate in Luxembourg.

MADAGASCAR

20 francs	4	91 copper, 9 aluminum	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	95 aluminum, 5 magnesium	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

MADEIRA ISLANDS

[Coins of Portugal circulate in Madeira Islands]

MALAYA AND BRITISH BORNEO*

20 cents	5.655	75 copper, 25 nickel	23.6	.....
10 cents	2.827	....do	19.4	.....
5 cents	1.413	....do	16.3	.....
Do	4	....do	19.5	.....
1 cent	9.331	95 copper, 4 tin, 1 zinc	.....	.....
Do (square)	5.832	....do	.....	.....
Do (square)	4.212	....do	.....	.....
1/2 cent	4.665	....do	.....	.....
Do (square)	2.916	....do	.....	.....
1/4 cent	2.333	....do	.....	.....

*The Board of Commissioners of Currency, Malaya and British Borneo, was constituted in 1952 in accordance with an agreement between the Governments of the Federation of Malaya, the Colonies of Singapore, Sarawak and North Borneo, and the State of Brunei. Under this agreement the Commissioners have the sole right to issue currency notes and coins in the territories of the five participating Governments. (From the Report of the Commissioners of Currency, Malaya and British Borneo, 1953.)

Characteristics of coins in circulation in 1953--Continued

MALTA

[United Kingdom coins circulate in Malta]

MAURITIUS

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 rupee	11.6638	75 copper, 25 nickel	30	.....
1/2 rupee	5.8319	....do	23.6	.....
1/4 rupee	2.916	....do	19	.....
10 cents (scalloped)	5.1839	....do	23.5	.....
5 cents	9.7198	95.5 copper, 3 tin, 1.5 zinc	28.4	.....
2 cents	3.8879	....do	23.1	.....
1 cent	1.944	....do	17.8	.....

Silver rupee, 1/2 rupee, and 1/4 rupee coins issued between 1934 and 1946 are in process of withdrawal.

MEXICO

5 pesos	30	900 silver, 100 copper	40	3
Do	27 7/9	720 silver, 280 copper	40	3
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc.	32	2.3
Do	13-1/3	300 silver, 500 copper, 100 nickel, 100 zinc.	32	2.3
50 centavos	6-2/3	....do	26	1.7
25 centavos	3-1/3	....do	21.5	1.3
20 centavos	10	95 copper, 5 zinc	28.5	2.2
10 centavos	5-1/2	80 copper, 20 nickel	23.5	1.4
5 centavos	4	....do	20.5	1.7
Do	6-1/2	95 copper, 5 zinc	25.5	1.8

MONACO

100 francs	12	75 copper, 25 nickel	30	.....
50 francs	8	91 copper, 9 aluminum	27	.....
20 francs	4	....do	23.5	.....
10 francs	3	....do	20	.....
5 francs	3.5	Aluminum	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

MUSCAT (MASQAT)

Maria Theresa thaler (trade coin.)	28.0668	833-1/3 silver, 166-2/3 copper	39.5	2.5
1/2 thaler	.....	....do	.....	.....
50 baiza	.....	75 copper, 25 nickel	.....	.....
20 baiza	.....	....do	.....	.....
10 baiza	.....	....do	.....	.....
5 baiza	.....	....do	.....	.....
2 baiza	.....	....do	.....	.....

Coins of India also curculate in Muscat.

NEPAL (1952)

Debal (rupee)	11.0811	333.3 silver, 666.7 copper	29.6	1.7
Mohar (half-rupee)	5.5405	....do	25.3	1.2
Pachanni (twenty-pice)	2.1782	....do	18.3	.9
Duipaisa (two-pice)	3.8965	66 copper, 34 zinc	22.9	1.1
Paisa (one-pice)	1.94825	....do	20.1	.7

Coins of India also circulate in Nepal.

Characteristics of coins in circulation in 1953--Continued

NETHERLANDS

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Ducat*	3.494	983 gold, 17 copper	21	.....
Rijksdaalder (2 1/2 guilders)	25	945 silver, 55 copper	38	.....
Do	25	720 silver, 280 copper	38	.....
Gulden	10	....do	28	2.2
Kwartje (25-cents)	3	Nickel	19	1.7
Dubbeltje (10-cents)	1.4	640 silver, 360 copper	15	1.1
Do	1.5	Nickel	15	.....
Stuiver (5-cents)	3.5	95 copper, 4 tin, 1 zinc; and 95 copper, 4 zinc, 1 tin	21	.....
Centstukken (1-cent)	2	....do	17	.....

* Gold ducat is a Netherlands trade coin without legal tender capacity.
Netherlands fractional coins are also legal tender in New Guinea.

NETHERLANDS ANTILLES (CURAÇAO)

Rijksdaalder (2 1/2 guilders)	25	720 silver, 280 copper	38	.....
Gulden	10	....do	28	.....
Kwartje (25 cents)	3.575	640 silver, 360 copper	19	1.7
Dubbeltje (10 cents)	1.4	....do	15	1.1
Stuiver (Square) (5 cents)	4.5	75 copper, 25 nickel	18	1.8
2 1/2 cents	4	95 copper, 4 zinc, 1 tin	23.5	.....
1 cent	2.5	....do	19	.....

NETHERLANDS GUIANA (SURINAM)

1/4 guilder (25 cents)	3.575	640 silver, 360 copper	19	1.7
1/10 guilder (10 cents)	1.4	....do	15	1.1
5 cents (square)	4.2	64 copper, 21 zinc, 15 nickel	18	1.7
2 1/2 cents	4	95 copper, 4 zinc, 1 tin; or 70 copper 30 zinc	21.3	
1 cent	2.5	....do	23.5	.....
			19	.....

NEW CALEDONIA

5 francs	3.5	95 aluminum, 5 magnesium	31	.....
2 francs	2.2	....do	27	.....
1 franc	1.3	....do	23	.....

NEW GUINEA

[Netherlands 25, 10, 5, and 1-cent coins are legal tender in New Guinea]

NEW ZEALAND

Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc and 75 copper, 25 nickel	38.7	.....
Half-crown	14.13795	....do	32.3	.....
Florin	11.31036	....do	28.5	.....
Shilling	5.65518	....do	23.6	.....
Sixpence	2.82759	....do	19.4	.....
Threepence	1.41379	....do	16.3	.....
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	.....
Halfpenny	5.6699	....do	25.5	.....

Silver coins in process of withdrawal in New Zealand.

Characteristics of coins in circulation in 1953--Continued

NICARAGUA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 cordoba	25	900 silver, 100 copper	38	3
50 centavos	12.5	800 silver, 200 copper	30	2
Do.	8	75 copper, 25 nickel	26	2
25 centavos	6.25	800 silver, 200 copper	24	1.8
Do.	5	75 copper, 25 nickel	23	1.8
Do.	7.5	70 copper, 30 zinc	27	1.9
10 centavos	2.5	800 silver, 200 copper	18	1.1
Do.	4	75 copper, 25 nickel	20	1.8
Do.	5.5	70 copper, 30 zinc	24	1.8
5 centavos	3	75 copper, 25 nickel	17	1.8
Do.	3.75	70 copper, 30 zinc	21	1.6
Do.	5	75 copper, 25 nickel	21	1.6
1 centavo	2.5	70 copper, 30 zinc	18	1.5
Do.	4	95 copper, 5 zinc and tin	20	1.6
1/2 centavo	2	....do	17	1.5

NORTHERN RHODESIA

[United Kingdom and Southern Rhodesian coins circulate in Northern Rhodesia]

NORWAY

1 krone	7	75 copper, 25 nickel	25	5
50 øre	4.8	....do	22	4
Do.	4	99.8 zinc, 0.2 cadmium	22	.....
25 øre	2.4	75 copper, 25 nickel	17	3
Do.	2	99.8 zinc, 0.2 cadmium	17	.....
10 øre	1.5	75 copper, 25 nickel	15	3
Do.	1.25	99.8 zinc, 0.2 cadmium	15	.....
5 øre	7	95 copper, 4 tin, 1 zinc	27	.....
Do.	6.944	Iron	27	.....
2 øre	3.5	95 copper, 4 tin, 1 zinc	21	.....
Do.	3.472	Iron	21	.....
1 øre	1.74	95 copper, 4 tin, 1 zinc	16	.....
Do.	1.736	Iron	16	.....

NYASALAND

[United Kingdom and Southern Rhodesian coins circulate in Nyasaland]

PAKISTAN

1 rupee	11.6638	Pure nickel	27.9	2.2
1/2 rupee	5.8319	....do	24.1	1.6
1/4 rupee	2.916	....do	19.1	1.3
2 annas	5.8319	75 copper, 25 nickel	25.4 / 22.4	1.5
1 anna	3.8879	....do	21 / 19.8	1.4
1/2 anna	2.916	....do	19.8 / 17.4	1.3
Single pice	1.944	97 copper, 2.5 zinc, 0.5 tin	21.3	.8
Pie piece	1.296	....do	15.9	.8

The 2- and 1/2-anna coins of Pakistan are square with round corners, the anna is scalloped with 12 scallops, and the single pice is round with round hole in center approximately 9.4 millimeters in diameter.

The Pakistan Government on Mar. 31, 1951, declared that with effect from July 1, 1951, the following coins should cease to be legal tender in Pakistan: India nickel and quarternary silver whole rupee coin; and all small India coin of the denominations of half rupee, two annas, one anna, half anna, and single pice.

PANAMA (REPUBLIC OF)

1 balboa	26.73	900 silver, 100 copper	38	2.9
0.50 balboa	12.5	....do	30	2.2
0.25 balboa	6.25	....do	25	1.7
0.10 balboa	2.5	....do	18	1.3
5 centesimos	5	75 copper, 25 nickel	21	2
2 1/2 centesimos	3.3	....do	18	1.8
1 1/4 centesimos	3.11	95 copper, 5 zinc and tin	20	1.6
1 centesimo	3.11	....do	19	1.6

United States coins also circulate in Panama.

Characteristics of coins in circulation in 1953--Continued

PARAGUAY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
50 centimos	6	92 copper, 8 aluminum	25	1.5
25 centimos	5	....do	23	1.5
10 centimos	4	....do	21	1.5
5 centimos	3	....do	19	1.3
1 centimo	2	....do	17	1.1

PERU

100 soles	46.8071	900 gold, 100 copper	37	.....
50 soles	23.40355	....do	30	.....
20 soles	9.36142	....do	25	.....
1 sol	14	70 copper, 30 zinc	33	2
Do	14	79 copper, 20 zinc, 1 nickel	33	2
1/2 sol	7.5	70 copper, 30 zinc	27	1.6
Do	7.5	79 copper, 20 zinc, 1 nickel	27	1.6
20 centavos	7	70 copper, 30 zinc	24	1.9
Do	3.8	....do	24	1
10 centavos	4	....do	20	1.6
Do	2.7	....do	20	1
5 centavos	3	....do	17	1.6
Do	1.87	....do	17	1
2 centavos	10	95 copper, 3 tin, 2 zinc	24	2.3
Do	5	95 copper, 5 zinc	24	1.3
Do	1.4	95 zinc, 5 copper	17	.8
1 centavo	5	95 copper, 3 tin, 2 zinc	19	2
Do	2.5	95 copper, 5 zinc	19	.9
Do	1.1	95 zinc, 5 copper	15	.8

Gold coins of Peru are minted for private account. The sol and half sol denominations are issued by the Central Reserve Bank; all other denominations are issued by the State.

PHILIPPINES

1 peso	20	800 silver, 200 copper	35.7	2.3
50 centavos	10	750 silver, 250 copper	27.6	2.1
20 centavos	4	....do	20.8	2.1
10 centavos	2	....do	16.7	1.6
5 centavos	4.87	65 copper, 12 nickel, 23 zinc	19.1	2.3
1 centavo	5.184	95 copper, 5 zinc	24.8	1.5

PORTUGAL

10 escudos	12.5	835 silver, 165 copper	30	1.7
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
50 centavos	4.5	....do	22.8	1.3
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	2	....do	17.5	1

Coins of Portugal circulate in Madeira and the Azores.

Characteristics of coins in circulation in 1953--Continued

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
20 escudos	10	720 silver, 280 copper	30	1.8
10 escudos	12.5	835 silver, 165 copper	30	1.7
Do	5	720 silver, 280 copper	24	1.4
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
Do	3.5	75 copper, 25 nickel	20	1.3
1 escudo	8	80 copper, 20 nickel	26.8	1.6
Do	7.5	95 copper, 3 zinc, 2 tin	26.8	1.6
Do	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
Do	8	95 copper, 3 zinc, 2 tin	26	.....
50 centavos	4	95 copper, 3 zinc, 2 tin	22.8	1.3
Do	4.5	80 copper, 20 nickel	22.8	1.3
Do	4.5	61 copper, 20 zinc, 19 nickel	22.8	1.3
Do	4	95 copper, 3 zinc, 2 tin	20	.....
20 centavos	5	96 copper, 4 zinc	25	1.2
Do	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	4	96 copper, 4 zinc	22.5	1.2

Old silver coins of 10 and 5 escudos were ordered to be withdrawn from circulation between Nov. 1953 and March 1954 (Order No. 10092 of Nov. 21, 1953).

PORTUGUESE INDIA

1 rupee	11.664	916 2/3 silver, 83 1/3 copper	30	1.7
Do	12	500 silver, 420 copper, 80 nickel	30	1.9
Do*	12	75 copper, 25 nickel	30	.....
1/2 rupee	5.832	916 2/3 silver, 83 1/3 copper	25	1.2
Do	5.6	75 copper, 25 nickel	24	1.5
Do*	6	....do	24	.....
1/4 rupee	2.8	....do	19	1.2
Do*	3	....do	18	.....
4 tangas	4	80 copper, 20 nickel	22.5	1.2
2 tangas	3	....do	19	1.2
1 tanga	4	96 copper, 4 zinc	22.5	1.2
Do	6	95 copper, 3 zinc, 2 tin	25	1.5
Do*	4	....do	20	.....

*Coined but not yet placed in circulation.

PORTUGUESE MACAO

5 patacas	15	720 silver, 280 copper	31	.....
1 pataca	3	....do	19	.....
50 avos	3.5	75 copper, 25 nickel	20	.....
10 avos	4	95 copper, 3 zinc, 2 tin	22	.....
5 avos	2	....do	17	.....

PORTUGUESE TIMOR

50 avos	3.5	650 silver, 350 copper	20	1.1
20 avos	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
10 avos	3	95 copper, 3 zinc, 2 tin	20.5	1.1

PORTUGUESE WEST AFRICA (ANGOLA)

20 angolares	10	720 silver, 280 copper	30	.....
10 angolares	5	....do	24	.....
2 1/2 angolares	3.5	75 copper, 25 nickel	20	.....
1 angolar	8	95 copper, 3 zinc, 2 tin	26	.....
50 centavos	4	....do	20	.....
Do	4.5	61 copper, 20 zinc, 19 nickel	22.8	1.3
Do	10.5	....do	30	.....
20 centavos	4.5	....do	23	.....
Do	3	95 copper, 3 zinc, 2 tin	20.5	1.1
10 centavos	2.5	61 copper, 20 zinc, 19 nickel	19	.....
Do	2	95 copper, 3 zinc, 2 tin	17.5	1
5 centavos	1.35	61 copper, 20 zinc, 19 nickel	15	.....

Note--Name of the monetary unit of Angola to be changed from ANGOLAR to ESCUDO by Decree-law No. 39515 of Jan. 20, 1954.

Characteristics of coins in circulation in 1953--Continued

PORTUGUESE WEST AFRICA (CAPE VERDE)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
10 escudos	5	720 silver, 280 copper	24	.....
2 1/2 escudos	3.5	75 copper, 25 nickel	20	.....
1 escudo	8	95 copper, 3 zinc, 2 tin	26	.....
Do	8	61 copper, 20 zinc, 19 nickel	26.8	1.6
50 centavos	4.5	....do	22.8	1.3
20 centavos	5	96 copper, 4 zinc	25	.....
10 centavos	4	....do	22.5	.....
5 centavos	3	....do	19	.....

PORTUGUESE WEST AFRICA (GUINEA)

20 escudos	10	720 silver, 280 copper	30	.....
10 escudos	5	....do	24	.....
2 1/2 escudos	3.5	75 copper, 25 nickel	20	.....
1 escudo	8	95 copper, 3 zinc, 2 tin	26	.....
Do	7.5	....do	26.8	1.1
Do	8	61 copper, 20 zinc, 19 nickel	26.8	.....
50 centavos	4.5	....do	22.8	.....
Do	4	95 copper, 3 zinc, 2 tin	22.8	1.3
Do	4	....do	20	.....
20 centavos	5	96 copper, 4 zinc	25	.....
10 centavos	4	....do	22.5	.....
5 centavos	3	....do	19	.....

PORTUGUESE WEST AFRICA (SAN TOME AND PRINCIPE)

10 escudos	12.5	835 silver, 165 copper	30	1.7
Do	12.5	720 silver, 280 copper	30	.....
5 escudos	7	650 silver, 350 copper	25	1.4
2 1/2 escudos	3.5	....do	20	1.1
1 escudo	8	80 copper, 20 nickel	26.8	1.6
Do	8	61 copper, 20 zinc, 19 nickel	26.8	1
50 centavos	4.5	....do	22.8	1.3
Do	10.5	....do	22.8	.....
20 centavos	4.5	....do	23	.....
10 centavos	2.5	....do	19	.....

REUNION

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

SAINT-PIERRE ET MIQUELON

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

SAN MARINO

[Coins of Italy circulate in San Marino]

SARAWAK

[See Malaya]

SARDINIA

[Coins of Italy circulate in Sardinia]

Characteristics of coins in circulation in 1953--Continued

SAUDI ARABIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
Saudi sovereign	7.98805	916 2/3 gold, 83 1/3 copper	22	1.7
1 riyal	11.6638	916 2/3 silver, 83 1/3 copper	30.5	1.7
1/2 riyal	5.8319	....do	24.4	1.4
1/4 riyal	2.916	....do	19.5	1.1
1 girsh	6.5	75 copper, 25 nickel	26	1.5
1/2 girsh	5.5	....do	23	1.5
1/4 girsh	4.25	....do	20	1.4

The riyal and Saudi sovereign were interchangeable at rate of 40 riyals per sovereign in 1953. There are 22 girsh in one riyal.

SEYCHELLES

1 rupee	11.6638	500 silver, 400 copper, 50 zinc, 50 nickel.	30	.....
1/2 rupee	5.8319	....do	23.6	.....
25 cents	2.916	....do	19	.....
Do	.....	75 copper, 25 nickel	.....	.....
10 cents (scalloped)	6.8039	....do	25	.....
Do (12-sided)	6.156	79 copper, 20 zinc, 1 nickel	(a)	.....
5 cents	9.7198	95.5 copper, 3 tin, 1.5 zinc	28.4	.....
2 cents	3.8879	....do	23.1	.....
1 cent	1.944	....do	17.8	.....

[a] Across flats, 21.1 mm.; diagonally, 21.9 mm.

SICILY

[Coins of Italy circulate in Sicily]

SINGAPORE

[Malayan coins circulate in the Colony of Singapore and its dependencies, Christmas and Cocos Islands]

SOUTH WEST AFRICA

[Coins of the Union of South Africa circulate in South West Africa]

SOUTHERN RHODESIA

Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc.	38.7	.....
Half-crown (2 1/2 s.)	14.13795	....do	32.3	2.3
Do	14.13795	925 silver, 75 copper	32.3	.....
Do	14.13795	75 copper, 25 nickel	32.3	2.4
Florin (2s.)	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc.	28.5	2.3
Do	11.31036	925 silver, 75 copper	28.5	.....
Do	11.31036	75 copper, 25 nickel	28.5	2.3
Shilling	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc.	23.6	1.8
Do	5.65518	925 silver, 75 copper	23.6	.....
Do	5.65518	75 copper, 25 nickel	23.6	1.8
Sixpence	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc.	19.4	1.4
Do	2.82759	925 silver, 75 copper	19.4	.....
Do	2.82759	75 copper, 25 nickel	19.4	1.5
Threepence	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc.	16.3	1
Do	1.41379	925 silver, 75 copper	16.3	.....
Do	1.41379	75 copper, 25 nickel	16.3	1.1
Penny	6.47989	....do	27	1.7
Do	6.47989	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	27	1.7
Half-penny	2.91595	75 copper, 25 nickel	21	1.4
Do	2.91595	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	21	1.4

Coins of Southern Rhodesia circulate in Northern Rhodesia and Nyasaland where United Kingdom coins also circulate.

Thickness of coins of 925 fineness slightly less than for corresponding denominations of 500 fineness shown in the table.

Characteristics of coins in circulation in 1953--Continued

SPAIN (1952)

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
5 pesetas	15	Pure nickel	32	2.5
1 peseta	3.5	90 copper, 10 aluminum	21	1.6
50 centimos	4	75 copper, 25 nickel	20	1.7
10 centimos	1.85	97.5 aluminum, 2.5 copper	23	2
5 centimos	1.15	....do	20	1.6

SPANISH MOROCCO (1952)

5 pesetas	15	Pure nickel	32	2.5
1 peseta	3.5	90 copper, 10 aluminum	21	1.6
50 centimos	4	75 copper, 25 nickel	20	1.7
10 centimos	1.85	97.5 aluminum, 2.5 copper	23	2
5 centimos	1.15	....do	20	1.6

ST. LUCIA

[United Kingdom coins circulate in St. Lucia]

ST. VINCENT

[United Kingdom coins circulate in St. Vincent]

SWAZILAND

[Coins of the Union of South Africa circulate in Swaziland]

SWEDEN

5 kronor	25	900 silver, 100 copper	36	.....
Do	22.88	400 silver, 500 copper, 50 nickel, 50 zinc.	36	.....
2 kronor	15	800 silver, 200 copper	31	.....
Do	14	400 silver, 500 copper, 50 nickel, 50 zinc.	31	.....
1 krona	7.5	800 silver, 200 copper	25	.....
Do	7	400 silver, 500 copper, 50 nickel, 50 zinc.	25	.....
50 ore	5	600 silver, 400 copper	22	.....
Do	4.8	400 silver, 500 copper, 50 nickel, 50 zinc.	22	.....
Do	4.8	75 copper, 25 nickel	22	.....
25 ore	2.42	600 silver, 400 copper	17	.....
Do	2.32	400 silver, 500 copper, 50 nickel, 50 zinc.	17	.....
Do	2.4	75 copper, 25 nickel	17	.....
10 ore	1.45	400 silver, 600 copper	15	.....
Do	1.44	400 silver, 500 copper, 50 nickel, 50 zinc.	15	.....
Do	1.5	75 copper, 25 zinc	15	.....
5 ore	8	95 copper, 4 tin, 1 zinc	27	.....
Do	6.9	Iron	27	.....
2 ore	4	95 copper, 4 tin, 1 zinc	21	.....
Do	3.5	Iron	21	.....
1 ore	2	95 copper, 4 tin, 1 zinc	16	.....
Do	1.7	Iron	16	.....

SWITZERLAND

5 francs	15	835 silver, 165 copper	31	2.6
2 francs	10	....do	27	2.2
1 franc	5	....do	23	1.6
1/2 franc	2.5	....do	18	1.4
20 centimes	4	Nickel	21	1.8
Do	4	75 copper, 25 nickel	21	1.8
10 centimes	3	Nickel	19	1.6
Do	3	75 copper, 25 nickel	19	1.6
5 centimes	2	Nickel	17	1.4
Do	2	75 copper, 25 nickel	17	1.4
2 centimes	3	95 copper, 4 tin, 1 zinc	20	1.5
1 centime	1.5	....do	16	1.2

The 1 and 2 centime zinc coins were withdrawn from circulation in Switzerland during 1951.

Characteristics of coins in circulation in 1953--Continued

SYRIA

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
100 piastres	10	680 silver, 320 copper	28	2
50 piastres	5	600 silver, 400 copper	24	1.5
25 piastres	2.5	....do	20	1.4
10 piastres	4	75 copper, 25 nickel	21	1.5
5 piastres	4.2	Bronze-aluminum	22.5	1.5
Do	3	75 copper, 25 nickel	19	1.5
2 1/2 piastres	2.9	Bronze-aluminum	21	1.5
Do	2	75 copper, 25 nickel	17	1.5

TAIWAN (FORMOSA)

50 cents	5	720 silver, 280 copper	.....	.....
20 cents	1.8	Pure nickel	.....	.....
10 cents	1.5	95 copper, 5 zinc	.....	.....

THAILAND (1951)

50 satang	5	90 tin, 10 copper	25	1.9
Do	4.5	Copper	23	.....
25 satang	2.5	90 tin, 10 copper	20.5	1.2
Do	2.5	Copper	20.5	.....
20 satang	6	90 tin, 10 copper	22	2.7
10 satang	5	....do	20	2
Do	4	....do	20	1.8
Do	1.75	....do	17.5	1.2
Do	1.75	Tin	17.5	.....
5 satang	3	90 tin, 10 copper	17.5	2
Do	2.5	....do	17.5	1.8
Do	1.25	....do	15	1.2
Do	1.25	Tin	15	.....
1 satang	1.5	90 tin, 10 copper	15	1.3

Silver, nickel, and copper coins issued by Thailand prior to World War II have disappeared from circulation. See previous reports for description of these coins.

TOGO (FRENCH)

2 francs	2.2	Aluminum	27	.....
1 franc	1.3	....do	23	.....

TRINIDAD AND TOBAGO

[United Kingdom coins circulate in Trinidad and Tobago]

TUNISIA

100 francs	12	75 copper, 25 nickel	31	.....
50 francs	8	....do	27	.....
20 francs	5.5	....do	23	.....
5 francs	12.5	91 copper, 9 aluminum	31	.....
2 francs	8	....do	27	.....
1 franc	4	....do	23	.....

Characteristics of coins in circulation 1953--Continued

TURKEY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 lira (pound)	7.5	600 silver, 400 copper	25	1.6
50 kurus (piasters)	4	....do	20	1.3
25 kurus	4.5	70 copper, 30 zinc	22.5	1.4
10 kurus	2.75	....do	18	1.4
5 kurus	2.25	....do	16	1.4
2-1/2 kurus	3.125	....do	21	1.2
1 kuru	2.25	....do	18	1.2

UNION OF SOUTH AFRICA[1]

Pound[2]	7.9881	916-2/3 gold, 83-1/3 copper	22	.....
Half pound[2]	3.994	....do	19.5	.....
Crown	28.2759	800 silver, 200 copper; and 500 silver, 450 copper, 50 manganese or, 480 copper, 20 manganese.[3]	38.7	2.4
Half crown	14.13795	....do	32.2	1.7
Florin	11.31036	....do	28.6	1.8
Shilling	5.65518	....do	23.6	1.3
Sixpence	2.82759	....do	19.3	1
Threepence	1.41379	....do	16.2	.7
Penny	9.44984	95 copper, 4.5 zinc, 0.5 tin	30.9	1.4
Halfpenny	5.6699	....do	25.5	1.2
Farthing	2.83495	....do	20.1	1

[1] South African coins also circulate in Basutoland, Bechuanaland, South West Africa, and Swaziland.
[2] Gold pounds and half pounds, minted in 1953, were available in proof sets to collectors, etc. from Oct. 1953.
[3] Fineness of silver coins was changed to 0.500 Mar. 1, 1951.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND[a]

Imperial coins				
Crown	28.2759	500 silver, 400 copper, 50 nickel, 50 zinc; and 75 copper, 25 nickel.[b]	38.7	3
Half-crown	14.13795	....do	32.3	2.4
Florin	11.31036	....do	28.5	2.4
Shilling	5.65518	....do	23.6	1.9
Sixpence	2.82759	....do	19.4	1.7
Threepence	1.41379	....do	16.3	1
Do (12 sided)	6.80388	79 copper, 20 zinc, 1 nickel	{ 21.1 / 21.9 }	2.8
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.9	2
Halfpenny	5.6699	....do	25.5	1.9
Farthing	2.83495	....do	20.2	1.3
Maundy Money[c]				
Fourpence	1.88506	925 silver, 75 copper	17.6	.....
Threepence	1.41379	....do	16.3	.....
Twopence	0.94253	....do	13.4	.....
Penny	0.47126	....do	11.2	.....

[a] United Kingdom coins are legal tender in the following territories: Jamaica (including Turks and Caicos Islands and Cayman Islands), Bahamas, Barbados, Bermuda, British Guiana, Dominica, Falkland Islands, Grenada, Leeward Islands, Malta, St. Lucia, St. Vincent, Trinidad and Tobago, and Gibraltar.
[b] Cupronickel coins (Coinage Act of 1946) are approximately one-tenth millimeter thicker than silver coins of the same denominations shown in the table.
[c] Maundy Money does not actively circulate, but is minted for distribution of the Royal Maundy at Westminster Abbey on Maundy Thursday.

Characteristics of coins in circulation in 1953--Continued

URUGUAY

Denomination	Gross weight in grams	Composition (proportion of metals)	Diameter in millimeters	Thickness in millimeters
1 peso	9	720 silver, 280 copper	27	.....
50 centesimos	7	....do	24	.....
20 centesimos	3	....do	18.5	.....
10 centesimos	6	91 copper, 9 aluminum	25	.....
5 centesimos	5	75 copper, 25 nickel	23	.....
Do	5	95.5 copper, 3 tin, 1.5 zinc	23	.....
2 centesimos	3.5	75 copper, 25 nickel	20	.....
Do	3.5	95.5 copper, 3 tin, 1.5 zinc	20	.....
1 centesimo	2	75 copper, 25 nickel	17	.....

VATICAN CITY

100 Vatican lire	5.1966	900 gold	20.7	1.3
10 Vatican lire	3	96.2 aluminum, 3.5 magnesium, 0.3 manganese.	29	1.7
5 Vatican lire	2.5	....do	26.7	1.8
2 Vatican lire	1.75	....do	24.1	1.5
1 Vatican lira	1.25	....do	21.6	1.3

The 100 Vatican lire denomination is not coined for circulation.

VENEZUELA

5 bolivares	25	900 silver, 100 copper	37	2.4
2 bolivares	10	835 silver, 165 copper	27	2
1 bolivar	5	....do	23	1.3
1/2 bolivar	2.5	....do	18	1
1/4 bolivar	1.25	....do	16	.7
12 1/2 centimos	5	75 copper, 25 nickel	23	1.6
5 centimos	2.5	....do	19	1.3

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1953[1]

Country or international institution	Monetary unit	Exchange rate, average for Dec. 1953[2]	Gold bullion and coin held by Government agencies		Silver bullion and coin--U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation, including coin in commercial banks (000 omitted)	Total silver (000 omitted)
United States	Dollar	$1.00	[3] 631,159	[3] $22,090,569	[4] $2,171,453	$284,641	$1,426,355	$3,882,449
Austria	Schilling	.03858	1,356	47,469	.....	.....	.....	.....
Bolivia	Boliviano	.00526316	593	20,745	.....	11	.....	11
Brazil	Cruzeiro	.042808	9,172	321,021	.....	.....	.....	.....
British Guiana	Dollar	.583333	.....	.....	.....	.....	[5] 1,167	[5] 1,167
British East Africa[6]	Shilling	.14	.....	.....	.....	1,980	10,891	12,871
Canada	Dollar	1.02754	[7] 28,560	[7] 999,601	3,223	[8] 397	91,619	95,239
Chile	Peso	.00909091	1,198	41,924	.....	.....	.....	.....
Colombia	....do	.512825	2,449	85,727	.....	111	6,960	7,071
Costa Rica	Colon	.178094	58	2,029	.....	.....	.....	.....
Cuba	Peso	1.00	5,307	185,748	.....	12,709	10,045	22,754
Denmark	Krone	.144778	891	31,190	.....	.....	.....	.....
Dominican Republic	Peso	1.00	345	12,076	.....	53	1,687	1,740
Ecuador	Sucre	.0666667	651	22,795	151	788	1,024	1,963
Egypt and Anglo-Egyptian Sudan	Pound	2.87156	4,968	173,880	(9)	(9)	(9)	(9)
El Salvador	Colon	.40	831	29,069	.....	[10] 65	[10] 1,765	[10] 1,830
Ethiopia	Dollar	.4025	114	3,984	5,875	1,042	9,107	16,024
Finland	Markka	.004354	754	26,386	.....	523	794	1,317
France	Franc	.002856	[11] 16,450	[11] 575,748	2,744	.....	.....	2,744
French Morocco	....do	.002856	494	17,283	.....	.....	.....	.....
Germany, Federal Republic	Deutschemark	.238095	9,298	325,428	507	1,472	13,613	15,592
Greece	Drachma	.000033	303	10,615	.....	.....	.....	.....
Guatemala	Quetzal	1.00	778	27,228	50	7	3,224	3,281
Haiti	Gourde	.20	61	2,149	.....	.....	.....	.....
Honduras	Lempira	.50	3	109	.....	[12] 2,637	[12] 2,487	[12] 5,124
Iceland	Krona	.0614036	29	1,016	.....	.....	.....	.....
India	Rupee	.21039	7,066	247,298	(9)	(9)	(9)	(9)
Iran[6]	Rial	.0310078	3,926	137,419	347	496	5,977	6,820
Iraq	Dinar	2.80	.....	.....	.....	728	2,759	3,487
Ireland	Pound	2.8013	502	17,576	.....	.....	4,386	4,386
Italy	Lira	.0016	9,939	347,867	20,961	187	.....	21,148
Japan	Yen	.0277778	3,442	120,464	[13] 8,143	(13)	.....	[13] 8,143
Lebanon[14]	Pound	.309358	992	34,730	.....	848	277	1,125
Luxembourg	Franc	.02	89	3,129	.....	179	161	340
Malaya[15]	Dollar	.32635	.....	.....	.....	401	7,209	7,610
Mexico	Peso	.11626	4,519	158,148	26,233	4,223	46,477	76,933
Netherlands	Florin or guilder	.2641	[11] 21,062	[11] 737,177	14,303	15,680	29,447	59,430

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1953[1]--Continued

Country or international institution	Monetary unit	Exchange rate, average for Dec. 1953[2]	Gold bullion and coin held by Government agencies		Silver bullion and coin--U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation, including coin in commercial banks (000 omitted)	Total silver (000 omitted)
Netherlands Guiana	Florin or guilder	.530264	199	6,951	.....	.....	.....	.....
New Zealand	Pound	2.7825	945	33,080	.....	.....	[16] 1,391	[16] 1,391
Nicaragua	Cordoba	.20	79	2,757	.....	([16])	([16])	([16])
Norway	Krone	.14015	1,481	51,840	.....	.....	.....	.....
Pakistan	Rupee	.30225	1,097	38,379	.....	.....	.....	.....
Panama	Balboa	1.00	([17])	10	.....	([18]) 1,843	([9])	[18] 1,843
Paraguay	Guarani	[19] .166667	5	190	.....	.....	.....	.....
Peru	Sol	.052	1,038	36,324	.....	([17])	.....	([17])
Philippines	Peso	.49677	269	9,407	128	10,231	37,259	47,618
Portugal	Escudo	.0349	10,305	360,672	274	1,011	9,875	11,160
Portuguese East Africa--Mozambique	....do	.0349	723	25,307	.....	([20])	3,089	3,089
Saudi-Arabia	Riyal	.27	326	11,393	.....	2,215	71,040	73,255
Sweden	Krona	.19323	6,243	218,509	1,177	1,224	47,533	49,934
Switzerland	Franc	.23289	41,670	1,458,453	919	10,084	69,099	80,102
Syria	Pound	.456313	420	14,687	.....	834	4,106	4,940
Thailand	Baht	.08	3,239	113,362	.....	.....	.....	.....
Turkey	Lira	.357143	4,098	143,426	1,085	3,803	11,969	16,857
Union of South Africa	Pound	2.7998	5,058	177,044	892	1,764	32,198	34,854
United Kingdom	....do	2.8103	([9])	([9])	([9])	([9])	[16] 238,876	238,876
Uruguay	Peso	.65833	6,473	226,567	.....	5,735	6,115	11,850
Venezuela	Bolivar	.298507	[21] 10,660	[21] 373,084	.....	8,905	34,300	43,205
Bank for International Settlements	.....	.....	5,527	193,454	.....	.....	.....	.....
International Monetary Fund	.....	.....	48,629	1,702,010	.....	.....	.....	.....
Sum of items above	.....	.....	915,843	32,054,503	2,258,465	376,827	2,244,281	4,879,573
Other[22]	.....	.....	133,014	4,655,497	([9])	([9])	([9])	([9])
Estimated world total (excluding U. S. S. R.)[23]	.....	.....	1,048,857	36,710,000	([9])	([9])	([9])	([9])

[1] Gold is valued on the basis of the legal gold content of the United States dollar (symbol $), i.e., 15-5/21 grains of gold nine-tenths fine. The equivalent dollar value of a fine troy ounce of gold is $35; a gram fine, $1.125275986; and a kilogram fine, $1,125.275986. Silver bullion, except for the United States, is valued on the basis 85-1/4 cents per troy ounce 999/1000 fine, the New York silver bullion market quotation for the month of December 1953. The equivalent dollar value of a fine troy ounce of silver is calculated at $0.85335; a gram fine, $0.027436; and a kilogram fine, $27.436. Silver coins are converted from the nominal or face value in foreign currencies to U. S. dollars at the exchange rates shown in the table and further identified in footnote 2 following.

[2] Exchange rates are December 1953 averages of noon buying rates for cable transfers in New York for foreign currencies as certified to the Secretary of the Treasury by the Federal Reserve Bank of New York for the following countries: Austria, Brazil, Canada, Finland, France, (French Morocco), India, Ireland, Malaya, Mexico, Netherlands, New Zealand, Norway, Philippines, Portugal, (Portuguese East Africa), Sweden, Switzerland, Union of South Africa, United Kingdom, and Uruguay. Other rates are par values established under the Articles of Agreement with the International Monetary Fund and/or domestic rates for U. S. dollars in the countries concerned.

[3] Includes regular Treasury holdings and U. S. Exchange Stabilization Fund holdings.

[4] Silver bullion holdings of the U. S. Treasury totaled 1,705,386,900 fine ounces valued at $2,171,453,345 on Dec. 31, 1953, consisting of 1,655,739,338 ounces at monetary value of $1.2929+ per fine ounce totaling $2,140,753,887 and 49,647,562 ounces at cost value totaling $30,699,458.

[5] British silver coins.

[6] Data are for end of Government financial year. (British East Africa, June 30, 1953. Iran, Mar. 19, 1953).

[7] Includes holdings of the Exchange Fund Account and the Royal Canadian Mint.

[8] Includes silver, nickel, and bronze coins held by the Bank of Canada.

[9] Data are not available for publication.

[10] Includes Salvadoran and U. S. coins which also circulate.

[11] Includes central bank holdings only. Stabilization Fund and/or other gold holdings are not available for publication.

[12] U. S. coins are not legal tender in Honduras after Dec. 31, 1953 and are being withdrawn from circulation.

[13] Silver bullion includes silver coins.

[14] Approximate.

[15] Malayan silver coins, demonetized as from Dec. 31, 1952, are being replaced by cupronickel coins of the same denomination.

[16] Silver coins are being replaced with cupronickel coins of the same denominations.

[17] Less than 500.

[18] Includes Panamanian and U. S. silver and minor coins held by the banks. Amount in circulation not available.

[19] Par value of the guarani to be changed from $0.166667 to $0.0666667 on Jan. 1, 1954.

[20] Former issue of 10 and 5 escudo silver coins was ordered to be withdrawn from circulation in the period Nov. 1953-March 1954.

[21] Does not include gold coins and bullion valued at approximately $13 million held by commercial banks.

[22] For gold, represents difference between estimated world total below and sum of items above. Silver figures are confidential and publication withheld.

[23] World total gold holdings as estimated by the Board of Governors of the Federal Reserve System. Includes reported gold holdings of central banks and governments and international institutions, unpublished holdings of various central banks and governments, estimated holdings of British Equalization Account, and estimated official holdings of countries from which no reports are received.

World production of gold, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]

[Table compiled by the Bureau of Mines, U.S. Department of the Interior]

Country[1]	1944-48 (average)	1949	1950	1951	1952	1953
North America:						
United States (including Alaska)[3]	1,518,159	1,921,949	2,288,708	1,894,726	1,927,000	1,970,000
Canada	3,020,478	4,123,518	4,441,227	4,392,751	4,471,725	4,068,516
Central America and West Indies:						
Costa Rica[4]	2,199	284	115	1	.....	.....
Cuba	453	[4] 5,692	[4] 6,915	[4] 835	[4] 881	[4] 1,181
Dominican Republic[4]	385	993	475	411	332	.....
Guatemala[4]	56	5	397	7	4	3
Haiti	55	.....	.....	.....	.....	.....
Honduras	15,071	25,832	36,545	31,216	31,967	38,988
Nicaragua (exports)	212,772	219,139	229,206	251,160	254,675	261,899
Panama	200	[5] 9,657	1,118	2,897	.....	.....
Salvador (exports)	18,534	27,091	29,053	27,097	27,682	23,359
Mexico	452,207	405,550	408,122	394,007	459,370	483,483
Total	5,240,580	6,739,700	7,441,900	6,995,100	7,173,700	6,847,400
South America:						
Argentina (estimate)	6,600	8,000	8,000	8,000	8,000	8,000
Bolivia	11,130	33,533	7,716	3,200	10,996	[5] 1,032
Brazil	[6] 177,880	[6] 183,500	[6] 195,500	[6] 200,000	[6] 180,000	115,775
British Guiana	19,788	18,988	12,366	13,485	22,237	11,350
Chile	197,828	179,144	190,172	173,646	176,025	130,693
Colombia	443,138	359,474	379,412	430,723	422,240	436,045
Ecuador	72,958	98,382	96,403	12,601	24,294	29,239
French Guiana	17,503	14,757	12,249	12,056	8,231	2,576
Peru	146,679	113,754	127,458	144,765	130,944	128,211
Surinam	4,915	3,794	4,546	6,494	6,134	6,482
Uruguay	[6] 400	.....	.....	.....	.....	.....
Venezuela	54,935	61,378	34,462	2,861	4,797	27,304
Total	[6] 1,154,000	1,075,000	1,068,000	1,008,000	994,000	897,000
Europe:						
Austria	[6] 1,622	(7)	(7)	(7)	(7)	(7)
Bulgaria	[6] 2,000	(7)	(7)	(7)	(7)	(7)
Czechoslovakia	2,507	(7)	(7)	(7)	(7)	(7)
Finland	9,272	14,587	9,465	18,500	20,100	19,483
France	39,996	55,537	63,594	68,127	45,011	36,202
Germany:						
East Germany	[6] [8] 1,000	(7)	(7)	(7)	(7)	(7)
West Germany		1,447	[6] 1,500	1,498	2,009	6,398
Hungary	[9] 6,744	(7)	(7)	(7)	(7)	(7)
Italy	9,259	10,385	10,674	12,089	14,854	12,153
Portugal	6,848	10,385	15,465	18,358	17,940	14,854
Rumania	82,128	112,528	(7)	(7)	(7)	(7)
Spain	4,361	30,318	13,217	12,777	8,944	8,256
Sweden	87,398	80,280	78,866	70,474	65,877	(7)
U.S.S.R. (estimate)[10]	[5] 800,000	7,000,000	8,000,000	9,500,000	9,500,000	[11] 9,000,000
Yugoslavia	[6] 16,141	34,594	42,760	21,380	36,266	[6] 34,300
Total (estimate)	6,100,000	7,400,000	8,400,000	9,800,000	9,800,000	9,300,000
Asia:						
Burma	72	158	150	131	43	647
China	39,147	[6] 60,000	108,000	[6] 100,000	[6] 100,000	[6] 100,000
Cyprus	192	(7)	(7)	(7)	(7)	(7)
India	168,096	164,203	196,925	226,475	243,629	211,124
Indonesia (estimate)	12,800	35,000	42,000	(7)	(7)	(7)
Japan	74,924	84,492	135,033	177,472	201,392	227,627
Korea:						
Korea, Republic of	[6] 233,492	5,466	14,854	7,620	18,647	15,860
North Korea (estimate)		300,000	200,000	(7)	(7)	(7)
Malaya	3,494	13,617	18,436	17,018	19,806	18,203
Philippines	57,503	287,844	333,991	393,602	469,408	480,625
Sarawak	201	1,523	1,440	931	843	442
Saudi Arabia	44,131	66,835	66,202	73,104	69,394	81,566
Taiwan (Formosa)	10,607	19,644	30,446	30,511	33,147	24,821
Thailand	[6] [12] 200	(7)	(7)	(7)	(7)	(7)
U.S.S.R.	(10)	(10)	(10)	(10)	(10)	(10)
Total (estimate)	646,000	1,040,000	1,150,000	1,290,000	1,420,000	1,430,000

See footnotes at end of table.

World production of gold, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]--Continued

[Table compiled by the Bureau of Mines, U.S. Department of the Interior]

Country[1]	1944-48 (average)	1949	1950	1951	1952	1953
Africa:						
Angola	695	319	201	61	40	20
Bechuanaland	8,300	256	261	493	1,245	1,109
Belgian Congo[12]	328,741	333,853	339,415	352,308	368,737	371,020
Egypt	2,557	7,045	10,724	16,469	17,059	14,234
Eritrea	2,323	2,243	1,042	675	(7)	[6] 3,000
Ethiopia	42,967	45,102	43,524	32,937	27,291	26,696
French Cameroon	14,172	8,938	7,170	5,422	2,604	1,029
French Equatorial Africa	72,897	57,273	54,996	52,849	51,655	54,180
French Morocco	1,093	643	119	2,069	4,051	2,533
French West Africa	[6 13] 28,219	[13] 47,000	[13] 96,000	5,700	1,500	749
Gold Coast	575,757	676,934	689,441	698,676	691,460	730,963
Kenya	31,211	20,072	22,945	19,765	10,210	9,603
Liberia	17,416	14,656	11,025	[5 14] 9,806	[5 14] 949	863
Madagascar	4,663	1,663	1,935	1,951	1,784	1,640
Mozambique	6,280	2,468	997	861	831	[6] 1,000
Nigeria	5,201	2,515	2,238	1,566	1,348	689
Northern Rhodesia[15]	1,874	1,186	1,432	857	2,523	3,308
Sierra Leone	1,258	2,330	3,484	3,261	2,638	1,451
Southern Rhodesia	548,548	528,180	511,163	486,907	496,731	501,057
South-West Africa	147	32	32	.....	.....	.....
Sudan	2,883	4,114	3,503	1,495	1,545	(7)
Swaziland	3,909	2,841	1,794	322	1	.....
Tanganyika (exports)	51,550	68,989	65,127	65,224	64,693	69,886
Uganda (exports)	1,918	650	509	223	201	511
Union of South Africa	11,843,311	11,705,048	11,663,713	11,516,450	11,818,681	11,940,616
Total	13,598,000	13,535,000	13,535,000	13,275,000	13,570,000	13,740,000
Oceania:						
Australia:						
Commonwealth	792,344	890,204	867,837	895,536	980,435	1,075,080
New Guinea	29,284	93,045	80,099	94,085	122,431	120,568
Papua	143	450	788	248	149	141
Fiji	81,037	104,036	103,421	93,635	78,282	[6] 80,500
New Zealand	119,217	84,874	76,527	75,115	59,151	38,656
Total	1,022,025	1,172,609	1,128,672	1,158,619	1,240,448	[6] 1,315,000
World total(estimate)	27,760,000	31,000,000	32,700,000	33,500,000	34,200,000	33,500,000

[1] Figures used derived in part from American Bureau of Metal Statistics. For some countries accurate figures are not possible to obtain owing to clandestine trade in gold (as for example, French West Africa).
[2] This table incorporates a number of revisions of data published in previous gold chapters.
[3] Refinery production. Excludes production of the Philippines.
[4] Imports into United States.
[5] Exports.
[6] Estimate.
[7] Data not available;estimate included in total.
[8] Average for 1954-48.
[9] Includes gold mined in Transylvania, which temporarily formed part of Hungary.
[10] Output from U.S.S.R. in Asia included with U.S.S.R. in Europe.
[11] Production is believed to have decreased because of a probable diversion of forced labor into other activities.
[12] Includes Ruanda-Urundi.
[13] Estimate based on reported production.
[14] Year ended September 30 of year stated.
[15] Included is yield from Nkana mine refinery slimes accumulated during the war: 1946-48 (average), 2,713 ounces; 1949, 972; 1950, 1,296; 1951, 756; 1952, 2,503; and 1953, 2,999.

World production of silver, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944-48 (average)	1949	1950	1951	1952	1953
North America:						
United States	32,723,180	34,944,554	42,308,739	39,907,257	39,840,300	37,735,500
Canada	14,406,266	17,641,493	23,221,431	23,125,825	25,222,227	28,330,251
Central America and West Indies:						
Costa Rica[3]	1,998	720	215	582	.....	.....
Cuba	121,910	[3] 157,411	[3] 221,779	[3] 172,318	[3] 163,211	[3] 167,895
Guatemala	.....	81,502	339,360	309,857	371,679	328,636
Honduras	2,877,205	3,431,614	3,514,556	3,182,254	3,703,975	4,783,969
Nicaragua	[4] 235,828	[3] 191,082	[3] 133,282	[3] 141,764	[3] 137,309	[3] 443,684
Panama	80	([5])	1,940	5,788	.....	.....
Salvador	[4] 264,851	280,309	462,973	352,102	368,448	353,169
Mexico	57,236,900	49,454,882	49,141,445	43,797,734	50,353,560	47,886,440
Total	107,868,000	106,184,000	119,346,000	110,996,000	120,161,000	120,030,000
South America:						
Argentina	[6] 2,236,460	1,249,421	1,150,000	1,253,879	962,948	895,474
Bolivia (exports)	6,675,227	6,655,204	6,558,751	7,137,465	7,073,163	6,140,792
Brazil	24,486	21,041	21,155	20,315	17,301	[6] 18,000
Chile	797,666	799,685	746,765	983,491	1,246,356	1,497,807
Colombia	147,507	106,590	115,711	129,773	123,175	117,385
Ecuador	247,800	264,300	273,200	33,600	82,297	86,600
Peru	12,247,246	10,609,648	13,367,700	14,959,129	18,386,141	19,290,445
Total	22,400,000	19,706,000	22,233,000	24,518,000	27,891,000	28,047,000
Europe:						
Austria	2,972	7,427	8,681	5,466	3,858	([5])
Czechoslovakia[6]	932,000	1,608,000	1,608,000	1,608,000	1,608,000	([5])
Finland	127,789	171,150	115,939	157,275	150,083	235,794
France	418,821	580,610	719,85[5]	705,902	353,650	344,005
Germany:						
East Germany[6]	[6] 2,684,200	3,215,000	3,215,000	3,536,600	3,536,600	([5])
West Germany		1,601,782	1,637,116	1,819,957	1,877,700	2,314,435
Greece	([5])	.....	.....	64,300	72,403	61,665
Hungary[6]	[7] 135,900	32,200	48,200	48,200	64,300	([5])
Italy	265,925	793,545	850,998	809,234	838,041	832,383
Norway	189,689	170,399	167,184	163,969	147,893	128,603
Poland[6]	42,000	80,400	80,400	96,500	96,500	([5])
Portugal	8,552	31,958	68,288	65,459	77,740	59,447
Rumania[6]	308,500	482,300	578,700	643,000	643,000	([5])
Spain	584,455	514,283	823,831	735,908	553,128	472,000
Sweden	1,189,802	1,140,708	1,275,709	1,145,917	2,196,281	791,822
U.S.S.R.[6]	8,700,000	20,000,000	24,000,000	24,000,000	24,000,000	25,000,000
United Kingdom	24,985	13,996	18,153	26,777	30,734	([5])
Yugoslavia	[6] 780,800	1,917,792	2,386,839	3,032,008	2,577,043	3,048,019
Total[6]	16,600,000	32,000,000	38,000,000	39,000,000	39,000,000	39,000,000
Asia:						
Burma	[6] 110,000	[6] 250,000	1,800	280,720	242,307	579,239
China	([5])	160,000	320,000	320,000	[6] 400,000	([5])
India	12,699	11,275	15,676	14,612	17,675	16,864
Japan	3,391,620	2,887,265	3,964,572	4,609,924	5,288,707	6,022,091
Korea:						
Korea, Republic of	[6] 613,900	20,416	10,160	5,401	11,381	52,177
North Korea[6]		([5])	([5])	([5])	([5])	([5])
Philippines	45,302	218,419	216,034	274,602	693,751	572,046
Saudi Arabia	35,318	81,295	124,287	109,912	111,945	150,626
Taiwan (Formosa)	29,425	17,148	20,603	26,388	[6] 30,000	40,700
Total[6]	4,300,000	3,700,000	4,700,000	5,700,000	6,800,000	7,900,000

See footnotes at end of table.

World production of silver, 1944-48 (average) and 1949-53, by countries[1], in fine ounces[2]--Continued

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944-48 (average)	1949	1950	1951	1952	1953
Africa:						
Algeria	31,489	32,472	31,765	9,600	(5)	(5)
Bechuanaland	1,116	27	39	70	281	463
Belgian Congo[8]	3,958,187	4,549,330	4,459,951	3,795,266	4,727,252	4,961,631
French Morocco	226,901	736,220	943,367	1,569,000	3,826,260	1,001,174
Gold Coast (exports)	46,963	40,051	43,317	52,542	44,116	44,949
Kenya	8,139	2,279	2,586	2,150	17,315	21,758
Mozambique	795	244	71	96	102	(5)
Nigeria	1,850	484	325	200	270	172
Northern Rhodesia[9]	171,161	134,920	173,304	100,702	348,954	514,699
Southern Rhodesia	93,645	84,495	85,549	79,731	81,356	84,566
South-West Africa	[6] 142,700	642,500	843,737	1,030,066	1,064,335	795,702
Swaziland	115	120	60	18	.....	.....
Tanganyika (exports)	21,079	27,631	31,014	35,697	35,900	41,580
Tunisia	39,912	67,517	73,947	61,119	61,086	39,095
Uganda (exports)	186	42	35	14	14	.....
Union of South Africa	1,196,499	1,159,375	1,119,135	1,162,588	1,176,433	1,193,152
Total	5,941,000	7,478,000	7,808,000	7,899,000	11,394,000	8,709,000
Oceania:						
Australia:						
Commonwealth	9,214,481	9,849,213	10,677,456	10,792,032	11,425,872	12,538,883
New Guinea[10]	13,432	31,786	30,399	33,603	51,275	[6] 50,000
Fiji	25,506	29,755	37,736	24,869	25,838	19,328
New Zealand	250,323	232,599	199,701	133,291	51,016	75,888
Total	9,503,800	10,143,000	10,945,000	10,984,000	11,554,000	12,684,000
World total (estimate)	166,600,000	179,200,000	203,000,000	199,100,000	216,800,000	216,400,000

[1] Silver is also produced in Bulgaria, Cyprus, Hong Kong, Malaya, Indonesia, Sarawak, and Sierra Leone but production data are not available; estimates are included in total.
[2] This table incorporates a number of revisions of data published in previous silver chapters.
[3] Imports into the United States. Scrap is included in this figure in many instances, most notably in the case of Cuba.
[4] Exports.
[5] Data not available; estimate included in total.
[6] Estimate.
[7] Data represents Trianon Hungary after October 1944.
[8] Includes Ruanda-Urundi.
[9] Recovered from an accumulation of refinery slimes.
[10] Year ended May 31 of year following that stated.

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Summary of world production of gold and silver since the discovery of America

Period or calendar year[1]	Gold		Silver	
	Fine ounces	Value[2]	Fine ounces	Commercial value[2]
1493-1885	358,004,700	$7,400,615,000	6,667,600,700	$8,872,618,500
1886-1941	1,058,003,400	25,938,995,800	10,848,362,400	6,673,957,000
1942	36,200,000	1,267,000,000	250,000,000	96,612,500
1943	28,800,000	1,008,000,000	217,100,000	97,829,600
1944	26,200,000	917,000,000	184,600,000	83,184,500
1945	26,100,000	913,500,000	162,000,000	84,123,400
1946	27,600,000	966,000,000	135,000,000	108,203,900
1947	28,900,000	1,011,500,000	167,700,000	120,442,100
1948	30,000,000	1,050,000,000	174,900,000	130,057,400
1949	31,000,000	1,085,000,000	179,200,000	128,898,600
1950	32,700,000	1,144,500,000	203,000,000	150,563,100
1951	33,500,000	1,172,500,000	199,100,000	177,931,700
1952	34,200,000	1,197,000,000	216,800,000	184,152,100
1953	33,500,000	1,172,500,000	216,400,000	184,346,800
Total	1,784,708,100	46,244,110,800	19,821,763,100	17,092,921,200

[1] Summarized from tables previously published in the Annual Reports of the Director of the Mint. Data for the years 1493-1885 are based upon a table of averages for certain periods compiled by Dr. Adolph Soetbeer; for the years 1886-1941 are from country tables compiled by the Bureau of the Mint; and annual data from 1942 are from country tables (corrected to Nov. 15, 1953) compiled by the Bureau of Mines, U. S. Department of the Interior.

[2] Gold is valued at $20.67183462 per fine ounce from 1493 through 1933, and at $35 per fine ounce thereafter. Silver is valued at commercial rates shown in tables published in the various Annual Reports of the Director of the Mint.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1950

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS FOR THE CALENDAR YEAR 1949

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1950

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

FOR THE CALENDAR YEAR

1949

UNITED STATES
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TREASURY DEPARTMENT

Document No. 3171

Director of the Mint

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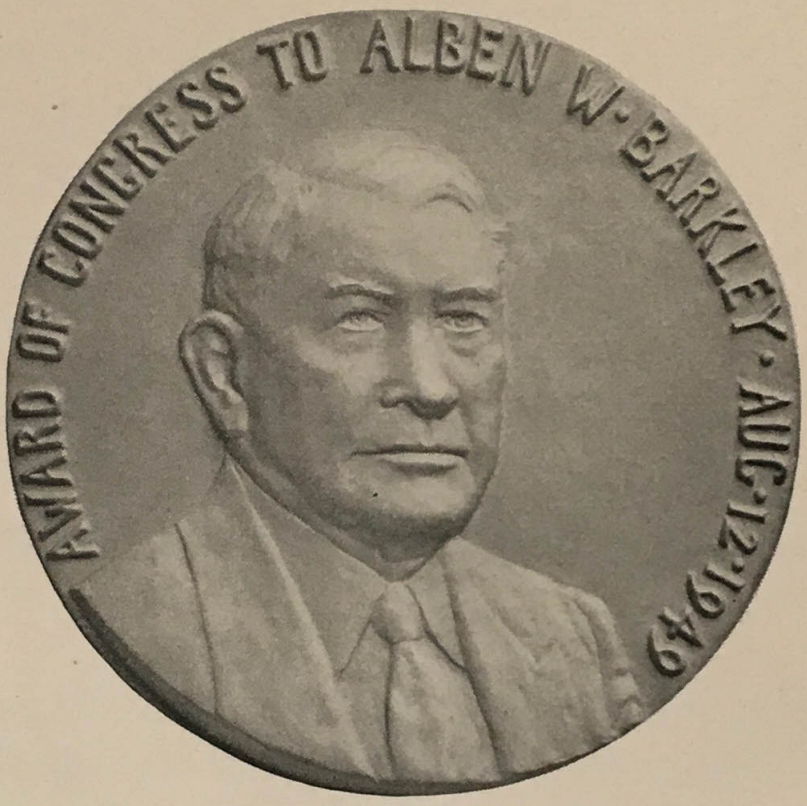
ILLUSTRATION

	Facing
Albert W. Hawkes Medal	1

REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1950

REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1950

ALBEN W. BARKLEY GOLD MEDAL



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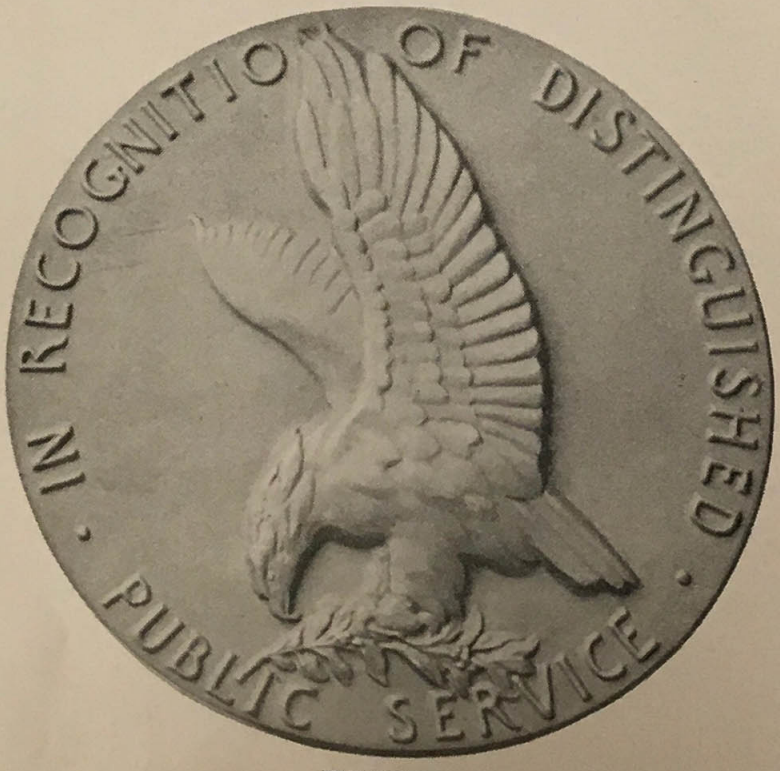

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ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., August 11, 1950.

SIR: In compliance with the provisions of section 345 of the Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1950, being the Seventy-eighth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1949.

OPERATIONS OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

The principal functions of the Bureau of the Mint consist of the manufacture of domestic and foreign coins; the acquisition of gold and silver, payments for which are made on the basis of mint assays; the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and issued; the refining of gold and silver; the administration of regulations pertaining to gold and silver, including the issuance of licenses for the acquisition, ownership, possession, use, and exportation of gold for industrial, professional, and artistic purposes; and the production of medals and other decorations.

The Office of the Director of the Mint in Washington administers all activities of the Bureau of the Mint. During the fiscal year 1950 seven field institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay offices at New York City and Seattle; gold bullion depository at Fort Knox, Ky.; and silver bullion depository at West Point, N. Y., which is an adjunct of the New York Assay Office. Electrolytic refineries are maintained at the San Francisco, Denver, and New York City institutions. The medal and engraving departments are located at the Philadelphia Mint. At the close of the fiscal year 1950 the number of employees of the departmental and field institutions totaled 943 compared with 1,272 at the beginning of the year.

Domestic coinage.—Production of United States coins during the fiscal year 1950 totaled 497,271,759 pieces with a value of $22,107,-498.66.

The gross weight of the coins totaled 2,056 tons. Subsidiary silver coins consumed 10,779,819 fine ounces (370 tons) of silver. Minor coins consumed 1,484 tons of copper, 98 tons of nickel, and 63 tons

of zinc and tin. Production of each mint is shown in the following table:

United States coinage during the fiscal year 1950

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars [1]	$3,253,463.50	$2,128,045.50	$2,677,602	$8,059,111.00	16,118,222
Quarter dollars	2,890,548.50	432,000.00	662,200	3,984,748.50	15,938,994
Dimes	530,257.30	1,351,000.00	977,000	2,858,257.30	28,582,573
Total silver	6,674,269.30	3,911,045.50	4,316,802	14,902,116.80	60,639,789
MINOR					
Five-cent pieces (cupro-nickel)	2,516,577.70		1,032,250	3,548,827.70	70,976,554
One-cent pieces (bronze)	1,732,404.16	588,600.00	1,335,550	3,656,554.16	365,655,416
Total minor	4,248,981.86	588,600.00	2,367,800	7,205,381.86	436,631,970
Total domestic coinage	10,923,251.16	4,499,645.50	6,684,602	22,107,498.66	497,271,759

[1] Includes 536,099 Booker T. Washington commemorative half dollars.

Foreign coinage.—Coins produced for seven other governments during the fiscal year 1950 totaled 94,267,944 pieces containing 873 tons of metals. These included silver, copper, nickel, zinc, and tin. Details of production are shown in the following table:

Coinage by the United States mints for other countries during the fiscal year 1950

Country and denomination	Composition	Gross weight per coin	Coinage by mint at—			
			Philadelphia	San Francisco	Denver	Total
China: Dollar	880 silver, 120 copper	*Grains* 412	*Pieces* 10,300,000	*Pieces* 3,200,000	*Pieces* 4,140,000	*Pieces* 17,640,000
El Salvador: 5 centavos	70 copper, 18 zinc, 12 nickel.	77.16		2,000,000		2,000,000
Ethiopia:						
10 cents	95 copper, 5 zinc	94	16,000,000			16,000,000
5 cents	do	62	16,000,000			16,000,000
Total			32,000,000			32,000,000
Haiti:						
10 centimes	75 copper, 25 nickel	61.73	5,000,000			5,000,000
5 centimes	do	42.44	10,000,000			10,000,000
Total			15,000,000			15,000,000
Honduras:						
5 centavos	75 copper, 25 nickel	77.16	2,000,000			2,000,000
2 centavos	95 copper, 5 zinc and tin	46.30	3,000,000			3,000,000
1 centavo	do	30.86	4,000,000			4,000,000
Total			9,000,000			9,000,000
Mexico: 1 peso	902.7 silver, 97.3 copper	417.81		750,000		750,000
Venezuela:						
¼ bolivar	835 silver, 165 copper	19.29		4,477,944		4,477,944
12½ centimos	75 copper, 25 nickel	77.16		6,000,000		6,000,000
5 centimos	do	38.58		7,400,000		7,400,000
Total				17,877,944		17,877,944
Grand total			66,300,000	23,827,944	4,140,000	94,267,944

Issue of domestic coins.—United States coins issued by the mints during the fiscal year totaled 500,914,823 pieces with a value of $31,261,074.82. Denominations were as follows:

Denomination	Number of pieces issued	Face value
Silver dollars	5,951,406	$5,951,406.00
Half dollars	10,574,887	5,287,443.50
Quarter dollars	31,210,850	7,802,712.50
Dimes	65,784,522	6,578,452.20
5-cent pieces	44,178,226	2,208,911.30
1-cent pieces	343,214,932	3,432,149.32
Total	500,914,823	31,261,074.82

Stock of coins.—The estimated stock of coins in the United States as of June 30, 1950, totaled $1,872,619,658, of which $492,582,858 were silver dollars, $1,001,573,600 were subsidiary coins, and $378,463,200 were minor coins.

Medals.—The number of service medals and other distinguishing devices delivered to the Department of Defense and other Government departments and agencies totaled 29,570 during the fiscal year 1950. In addition, there were 6,073 medals sold to the public.

The outstanding medal made during the year was the gold medal, authorized by Congress, honoring Vice President Alben W. Barkley. An illustration of this medal appears opposite page 1 of this report.

Engraving department.—During the fiscal year 1950 the engraving department issued a total of 4,361 coinage dies, of which 3,517 were domestic and 844 were foreign dies.

Bullion deposit transactions.—Bullion deposit transactions at the mints and assay offices totaled 10,589, including 16 intermint transfers during the fiscal year 1950. These transactions required a total of 17,905 assay determinations, including 638 determinations for intermint transfers.

Acquisitions of gold.—Deposits and purchases of gold during the fiscal year totaled $585,760,504.89, classified as follows:

[On quantity basis, see Bases Used for Mint Service Statistics]	*Value*
Purchases at $20.67+ per fine ounce	$2,412.48
Increment to $35 per fine ounce	1,673.45
Purchases at $35 per fine ounce	572,191,745.88
Domestic coin transferred (melted)	257,993.35
Intermint transfers	13,306,679.73
Total value at $35 per ounce	585,760,504.89

Acquisitions of silver.—During the fiscal year deposits and purchases of silver totaled 107,885,995 fine ounces, classified as follows:

[On quantity basis, see Bases Used for Mint Service Statistics]	*Number of fine ounces*
Newly mined domestic silver	38,228,805
Silver contained in gold deposits, etc	95,326
Silver received in exchange for Government-stamped bars	380,883
Recoinage bullion from uncurrent subsidiary coin	1,860,299
Recoinage bullion from uncurrent silver dollars	205,400
Intermint transfers of silver	117,373
Deposits of silver in trust by foreign governments	11,991,097
Redeposits [1]	55,006,812
Total	107,885,995

[1] Consists of Treasury stock previously held by certain agencies of the Federal Government.

Refinery production of gold and silver.—During the fiscal year the refineries produced 2,267,708 fine ounces of gold and 2,317,468 fine ounces of silver by the electrolytic process. In addition, 3,078,190 fine ounces of gold and silver were subject to fire process only.

Issue bars manufactured.—The mints and assay offices manufactured a total of 79,899 issue bars containing 18,179,815 fine ounces of gold and a total of 1,197 issue bars containing 310,343 fine ounces of silver during the fiscal year.

Stock of unrefined bullion.—At the close of the fiscal year the stock of unrefined bullion at the mints and assay offices, in terms of the assayed fine metal content, amounted to 953 tons of gold and 510 tons of silver.

Monetization of silver bullion.—Silver certificates in the amount of $34,275,555 were issued by the Treasury during the fiscal year against 26,510,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Seigniorage, representing the difference between the cost and the monetary value of silver, amounted to $11,026,197.04.

Sales of gold and silver for industrial use.—Sales of gold bars to licensed purchasers for industrial, professional, and artistic use totaled $82,724,085.89 during the fiscal year. There were no sales of silver under the act of July 31, 1946 (60 Stat. 750) during the period. Sales of gold, by month, during the fiscal year 1950, were as follows:

[On value basis, see Bases Used for Mint Service Statistics]

Month	Value of gold bars issued	Month	Value of gold bars issued
1949:		1950:	
July	$4,076,225.42	January	$7,106,230.21
August	10,647,513.49	February	5,978,765.96
September	11,124,872.74	March	4,414,414.39
October	11,558,868.47	April	3,635,490.33
November	9,051,202.69	May	2,818,062.61
December	6,789,276.86	June	5,523,162.72
		Total	82,724,085.89

Stock of monetary bullion.—The United States stock of gold bullion held by the mint institutions totaled 692,304,800 fine ounces valued at $24,230,633,002 on June 30, 1950. On the same date the mint institutions held 1,151,473,202 fine ounces of silver bullion and, in addition, 180,714,089 fine ounces of silver bullion in special custody account for the Treasurer of the United States. This latter class of silver was formerly held by the Office of Reconstruction Finance Corporation, and is being melted and cast into regular mint bars over a period of time.

Receipts and disbursements of gold bullion.—Receipts and disbursements of gold bullion during the fiscal year 1950, and balances on hand June 30, 1950, as compared with June 30, 1949, are shown in the following table:

Institution	Balance on hand June 30, 1949	Receipts during fiscal year 1950 (details below) [1]	Total	Disbursements during fiscal year 1950 (details below) [1]	Balance on hand June 30, 1950
Philadelphia	$2,508,838.05	$4,209,094.35	$6,717,932.40	$2,745,407.51	$3,972,524.89
San Francisco	476,205,581.57	32,756,856.44	508,962,438.01	839,486.21	508,122,951.80
Denver	5,754,736,869.13	22,312,925.64	5,777,049,794.77	2,941,329.89	5,774,108,464.88
New York	5,748,340,090.06	429,984,426.98	6,178,324,517.04	718,049,517.41	5,460,274,999.63
Seattle	959,004.19	8,791,801.48	9,750,805.67	9,012,105.14	738,700.53
Fort Knox	12,483,415,360.28	----------	12,483,415,360.28	----------	12,483,415,360.28
Total	24,466,165,743.28	498,055,104.89	24,964,220,848.17	733,587,846.16	24,230,633,002.01

[1] Includes transfers.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including melted coin)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total receipts
Philadelphia	$1,714,369.55	$3,270.53	$2,491,274.35	$179.92	$4,209,094.35
San Francisco	23,736,380.90	4,327.67	9,015,605.14	542.73	32,756,856.44
Denver	22,303,760.86	9,063.42	----------	101.36	22,312,925.64
New York	428,158,582.67	24,042.43	1,800,964.20	837.68	429,984,426.98
Seattle	8,790,733.96	1,042.54	----------	24.98	8,791,801.48
Fort Knox	----------	----------	----------	----------	----------
Total	484,703,827.94	41,746.59	13,307,843.69	1,686.67	498,055,104.89

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depositories	Sold in sweeps, manufactures, etc., and operating losses	Total disbursements
Philadelphia	$925,794.13	$1,800,964.20	$18,649.18	$2,745,407.51
San Francisco	803,894.74	----------	35,591.47	839,486.21
Denver	2,936,399.71	----------	4,930.18	2,941,329.89
New York	715,315,149.32	2,494,774.35	239,593.74	718,049,517.41
Seattle	----------	9,012,105.14	----------	9,012,105.14
Fort Knox	----------	----------	----------	----------
Total	719,981,237.90	13,307,843.69	298,764.57	733,587,846.16

Melting and refining and coining departments.—The operations of the melting and refining and of the coining departments of the three mints and the New York Assay Office are shown in the table following. The data are based upon the figures obtained at the settlements of the accounts for the fiscal year 1950. Legal limits of wastage on the whole amount delivered by the superintendent to the operative offices, as prescribed in section 3542 of the Revised Statutes, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

Operations of the melting and refining and of the coining departments, fiscal year 1950

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	192,721	192,732	76,055	193	11		
Coining	1,542	1,556	1,470	1	14		
San Francisco Mint:							
Melting and refining	5,641,151	5,641,590	2,236,168	5,641	439		
Coining					1		
Denver Mint:							
Melting and refining	17,273,107	17,273,212	17,273,212	17,273	105		
Coining							
New York Assay Office:							
Melting and refining	19,218,057	19,218,563	9,450,002	19,218	507		
Total melting and refining	42,325,036	42,326,097	29,035,437	42,325	1,062		
Total coining	1,542	1,556	1,470	1	15		
Grand total	42,326,578	42,327,653	29,036,907	42,326	1,077		

SILVER BULLION

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	95,301,551	95,325,165	17,003,752	142,952	23,614		
Coining	21,252,653	21,243,822	21,246,423	21,244		8,831	0.4156
San Francisco Mint:							
Melting and refining	67,793,175	67,795,291	13,387,636	101,690	175		
Coining	11,390,937	11,388,614	11,317,463	11,391		2,323	.2053
Denver Mint:							
Melting and refining	143,007,499	143,024,332	143,024,332	214,511	16,833		
Coining	22,762,937	22,761,681	19,300,939	22,762		1,255	.0650
New York Assay Office:							
Melting and refining	7,903,511	7,903,514	1,091,837	11,855	2		
Total melting and refining	314,005,736	314,048,302	174,507,557	471,008	40,624		
Total coining	55,406,527	55,394,117	51,864,825	55,397		12,409	.2393
Grand total	369,412,263	369,442,419	226,372,382	526,405	40,624	12,409	.2393

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	21,019,336	20,996,702	20,444,622			22,633	1.1070
Coining	22,859,639	22,824,373	17,589,946			35,266	2.0049
San Francisco Mint:							
Melting and refining	7,276,643	7,281,611	3,053,730		4,969		
Coining	3,638,633	3,257,093	3,257,230			5,839	1.7926
Denver Mint:							
Melting and refining	9,930,342	9,929,027	9,930,342			1,315	.1324
Coining	10,428,771	10,420,323	6,579,311			8,448	1.2840
Total melting and refining	38,226,321	38,207,340	33,428,694		4,969	23,948	.7164
Total coining	36,927,043	36,501,789	27,426,487			49,553	1.8068
Grand total	75,153,364	74,709,129	60,855,181		4,969	73,501	1.2078

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	44,599,442	44,577,554	42,021,147			21,888	0.5209
Coining	43,787,416	43,742,526	41,215,324			44,890	1.0892
San Francisco Mint:							
Melting and refining	15,446,738	15,445,656	13,643,096			1,082	.0793
Coining	11,430,481	11,392,975	11,430,481			37,505	3.2811
Denver Mint:							
Melting and refining	23,672,266	23,619,710	23,672,266			52,556	2.2202
Coining	25,125,127	25,128,282	21,113,441		3,155		
Total melting and refining	83,718,446	83,642,920	79,336,509			75,526	.9520
Total coining	80,343,024	80,263,783	73,759,246		3,155	82,395	1.1171
Grand total	164,061,470	163,906,703	153,095,755		3,155	157,921	1.0315

Sweeps cellar operations.—The two following tables cover sweeps cellar operations for the fiscal years 1949 and 1950. The sweeps cellar operations table appearing on page 7 of the 1949 annual report which was designated as covering the fiscal year 1949, actually covered operations for the fiscal year 1948.

Sweeps cellar operations (includes crushed discarded melting pots, etc.), fiscal year 1949

[Corrected table. Sweeps cellar table in 1949 annual report labeled fiscal year 1949 covered data for fiscal year 1948]

Institution	Source	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint.	Melting and refining.	34	4,130	2.111	86,688.51	19.818	6,259.12
	Coining	40	4,000		6,122.00	17.819	4,654.52
	Deposits	7	841		5,226.42	107.140	400.44
Total		81	8,971	2.111	98,036.93	144.777	11,314.08
San Francisco Mint.	Melting and refining.	135	10,290	6.004	103.20	19.423	375.41
	Refining	430	41,430	8.835	106.15	1,539.460	1,986.93
	Coining	4	366			1.557	255.50
	Deposits	19	1,481			24.206	122.59
Total		588	53,567	14.839	209.35	1,584.646	2,740.43
Denver Mint	Refinery	263	18,907			182.949	3,668.92
	Coining						
	Deposits	57	4,839			91.484	112.41
Total		320	23,746			274.433	3,781.33
New York Assay Office.	Refinery	267	20,038			91.173	
	Deposits	281	19,780			1,013.703	1,087.88
Total		548	39,818			1,104.876	1,087.88
Grand total		1,537	126,102	16.950	98,246.28	3,108.732	18,923.72

Sweeps cellar operations (includes crushed discarded melting pots, etc.), fiscal year 1950

Institution	Source	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint.	Melting and refining.	47	4,680	8.713	10,430.89	7,140.868	31,792.36
	Coining	52	5,159	2.311	6,870.94		12,486.61
	Deposits	5	449	32.370	313.61		
Total		104	10,288	43.394	17,615.44	7,140.868	44,278.97
San Francisco Mint.	Melting and refining.	164	12,511			30.711	2,567.93
	Refinery	382	44,879			907.549	2,228.54
	Coining	5	435			1.305	377.16
	Deposits	71	5,979	6.089	8.71	295.598	334.47
Total		622	63,804	6.089	8.71	1,235.163	5,508.10
Denver Mint	Refinery	847	92,073			587.583	4,900.83
	Coining						
	Deposits	62	6,120				328.79
Total		909	98,193			587.583	5,229.62
New York Assay Office.	Refinery						
	Deposits	467	31,417			718.212	2,396.86
Total		467	31,417			718.212	2,396.86
Grand total		2,102	203,702	49.483	17,624.15	9,681.826	57,413.55

Bullion gains and losses, and the wastage of coinage metal and loss on sale of sweeps.—Data for these items for the fiscal year 1950 are shown in the two following tables.

Bullion gains and losses, fiscal year 1950

Item	Mint at—			Assay Office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from melting and refining and coining operations	$17,738.93	$15,546.20	$11,695.28	$17,733.23		$62,713.64
Recovered incident to receipt of bullion deposits	1,408.82	1,688.68	522.16	1,686.14	$1,060.67	6,366.47
Gains on light weight and mutilated coin received for recoinage	13.47	7.01	14.59	.28		35.35
Gains on bullion shipments		851.90				851.90
Total gains	19,161.22	18,093.79	12,232.03	19,419.65	1,060.67	69,967.36
Wasted in refining and coining operations	6,317.69	1,625.70	414.27			8,357.66
Net gains	12,843.53	16,468.09	11,817.76	19,419.65	1,060.67	61,609.70

Wastage of coinage metal and loss on sale of sweeps, fiscal year 1950

Item	Mint at—			New York Assay Office	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department	$6,317.69	$1,625.70	$414.27		$8,357.66
Coining department	366.66	77.71	23.03		467.40
Nickel wastage:					
Melting and refining department	571.54	96.40	147.95		815.89
Coining department	269.22	14.58	617.21		901.01
Bronze wastage:					
Melting and refining department	555.80	505.16			1,060.96
Coining department	1,041.64	605.30	1,757.94	$579.45	3,984.33
Loss on sale of sweeps					
Total wastage and loss	9,122.55	2,924.85	2,960.40	579.45	15,587.25
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses	6,317.69	1,625.70	414.27		8,357.66
Nickel and bronze wastage from minor coinage profits	1,763.22	693.85	788.19		3,245.26
Nickel and bronze wastage offset by charges to foreign metals accounts					
Other wastages, and loss on sweeps from appropriations	1,041.64	605.30	1,757.94	579.45	3,984.33
Total reimbursements	9,122.55	2,924.85	2,960.40	579.45	15,587.25

Production and consumption of gold and silver in the United States.—During the calendar year 1949 the total production of gold and silver refined from ores mined in the several States and Alaska was as follows: Gold, 1,921,949 fine ounces valued at $67,268,215; and silver, 34,944,554 fine ounces.

Gold issued for use in the industrial arts in the United States during the calendar year 1949 aggregated $148,975,571, with a return from industrial use of secondary materials, including old jewelry, plate, scrap, etc., amounting to $40,133,100, giving a net consumption of gold amounting to $108,842,471 during the year.

Silver issued for use in industry and the arts in the United States during the calendar year 1949 aggregated 110,660,459 fine ounces, with a return from industrial use of secondary materials including old silverware, scrap, etc., amounting to 22,660,459 fine ounces, giving a net consumption of silver amounting to 88,000,000 fine ounces during the year.

Annual Assay Commission of 1950.—Section 3547 of the Revised Statutes of the United States provides for an annual test of the domestic coinage executed during each calendar year by a commission of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 8 and 9, 1950, reported the following results of their examination of the 1949 coinage:

Annual assay coins reserved at various mints during the calendar year 1949

Denomination	Philadelphia		Denver		San Francisco	
	Pieces	Value	Pieces	Value	Pieces	Value
Half dollars	573	$286.50	428	$214.00	377	$188.50
Quarter dollars	944	236.00	1,040	260.00	----------	----------
Dimes	3,094	309.40	2,604	260.40	1,351	135.10
Total	4,611	831.90	4,072	734.40	1,728	323.60

REPORT OF THE COMMITTEE ON COUNTING

Your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins, in accordance with title 31, section 351, United States Code, were delivered to us by the Superintendent of the Mint at Philadelphia.

Verification of the coins reserved was made by checking same against the original record of coin deliveries and reservations for assay in respect to the mint at Philadelphia, and against transcripts furnished the committee showing reservations for assay from the mints at Denver and San Francisco.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected, the coins contained therein were counted, and the number of coins contained in each envelope is noted in the tables below for each mint.

REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 41 coins, consisting of 19 coins from the Philadelphia Mint, 12 coins from the Denver Mint, and 10 coins from the San Francisco Mint. These coins were taken from 38 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from the Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitiveness, accuracy, and reliability of which was tested and found adequate before the beginning of the work on February 8, and again on the morning of February 9.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of the denominations set forth below, as found from individual weighings:

Denomination	Legal deviation allowed	Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
1949	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	4	1.1	0.87	0.57	1.31	0.54	0.34
Quarter dollar	3	.70	.49	.91	.48	----------	----------
Dime	1.5	.37	.87	----------	1.43	.56	.08

REPORT OF THE COMMITTEE ON ASSAYING

In compliance with title 31, section 363, United States Code, the committee on assaying is pleased to report that the assays have been completed on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1949, by the United States mints at Philadelphia, Denver, and San Francisco.

No gold was coined at any of the mints during the year.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is six one-thousandths for silver coins.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	Fineness	
	Highest	*Lowest*
Philadelphia	899.7	898.6
Denver	900.0	898.4
San Francisco	900.4	899.0

Result of mass melting

	Fineness
Philadelphia Mint	899.7
Denver Mint	899.0
San Francisco Mint	899.5

The assay balances were tested and found to be in adjustment, the nitric acid used for assaying was found to be free of chlorine and the weights used for weighing the samples for assay were checked against a set that had been standardized by the National Bureau of Standards.

Management program.—A management improvement program vigorously projected in 1950 and directed toward continuing improvements in operating procedures has produced revolutionary results in the manufacturing processes of coinage during the present fiscal year.

The massive melting and rolling equipment in the Denver Mint, which a year ago was in the experimental stage of operation, has been brought to a high state of efficiency. In it is processed a 400-pound bronze ingot in place of the 6-pound ingot, formerly processed in small rolling mills. It has also eliminated the hand pouring method heretofore used. Coincident with the installation of modern annealing equipment now pending, this equipment will be used for nickel and silver coinage.

A new type water-cooled mold, invented by mint technicians at the Philadelphia Mint, has resulted in a 23 percent reduction in silver ingot melting costs during the year. Experiments are now being conducted to utilize this equipment for production of nickel and

bronze ingots. Recent realignment of the melting operations and other mechanical changes at the Philadelphia Mint will result in important economies.

With the installation of more powerful motors on the rolling mills at the San Francisco Mint provision will be made for the processing of longer and wider ingots, and as a result an increase can be made from 100 to 300 percent in the production of coin blanks without increasing personnel. The output of 1-cent blanks will be doubled and dimes quadrupled; other denominations will come within that range.

Personnel of the Bureau of the Mint.—The following table summarizes by departments the personnel of the Bureau of the Mint on June 30, 1950, compared with June 30, 1949:

Bureau of the Mint	Established under act of—	Number of employees, by departments										
		General									Total	
		Administrative, etc.	Custodial		Mechanical	Deposits division	Engraving	Assaying	Coining	Melting and refining	June 30, 1950	June 30, 1949
			Guards	Other								
Office of the Director	Feb. 12, 1873	52	-----	-----	-----	-----	-----	-----	-----	-----	52	52
Philadelphia Mint	Apr. 2, 1792	45	41	16	37	15	11	6	93	30	294	530
San Francisco Mint	July 3, 1852	25	26	5	26	11	-----	9	35	41	178	199
Denver Mint	Apr. 21, 1862	33	27	7	29	6	-----	6	52	48	208	271
New York Assay Office	Mar. 3, 1853	33	24	6	9	20	-----	18	-----	40	150	158
West Point Depository	June 22, 1936	-----	14	-----	1	-----	-----	-----	-----	-----	15	15
Seattle Assay Office	May 21, 1898	3	3	-----	-----	4	-----	2	-----	-----	12	12
Fort Knox Depository	Aug. 13, 1935	3	28	3	-----	-----	-----	-----	-----	-----	34	35
Total June 30, 1950	-----	194	163	37	102	56	11	41	180	159	943	-----
Total June 30, 1949	-----	192	169	50	138	73	18	42	332	258	-----	1,272

The foregoing report, covering the operation of the mints, assay offices, and the bullion depositories of the United States for the fiscal year ended June 30, 1950, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. JOHN W. SNYDER,
Secretary of the Treasury.

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REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1949

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REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1949

INTRODUCTION

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States mints and assay offices and at privately owned refineries. The mints and assay offices determine the State source of all newly mined unrefined material at the time deposits are received. The State source of material received by privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

The estimated industrial consumption of gold and silver is based upon issues by mints and assay offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials consumed.

Gold production.—A total of 1,921,949 fine ounces of gold with a value of $67,268,215 was produced from ores mined in 18 States and the Territory of Alaska during the calendar year 1949. States of leading production included South Dakota in first place, California in second place, followed by Utah, Alaska, Nevada, Arizona, and Colorado in that order, these seven States accounting for 90 percent of the total United States production. About one-half of the States increased their output in varying amounts over 1948, South Dakota leading with a 20 percent increase. The remaining States, however, declined in the amount of production, the United States total averaging a 5 percent decrease in 1949 from the previous year. A comparison of 1948 and 1949 production, by State of output, is shown in the following table:

Production of gold mined in the several States and Territory of Alaska (based upon arrivals at United States mints and assay offices and at private refineries)

State in which mined	Calendar year 1948		Calendar year 1949		Increase or decrease (−) in 1949	
	Fine ounces	*Value* [1]	*Fine ounces*	*Value* [1]	*Fine ounces*	*Percent* [2]
Alaska	221,471	$7,751,485	226,666	$7,933,310	+5,195	+2.3
Arizona	103,872	3,635,520	109,476	3,831,660	+5,604	+5.4
California	423,759	14,831,565	405,256	14,183,960	−18,503	−4.4
Colorado	161,348	5,647,180	101,685	3,558,975	−59,663	−37.0
Georgia	21	735	6	210	−15	
Idaho	64,171	2,245,985	67,411	2,359,385	+3,240	+5.0
Montana	74,754	2,616,390	47,390	1,658,650	−27,364	−36.6
Nevada	118,602	4,151,105	124,697	4,364,395	+6,094	+5.1
New Mexico	9,349	327,215	8,004	280,140	−1,345	−14.4
North Carolina	4	140	13	455	+9	
Oregon	14,914	521,990	14,862	520,170	−52	−.3
Pennsylvania	2,204	77,140	1,721	60,235	−483	−21.9
South Dakota	378,080	13,232,800	454,534	15,908,690	+76,454	+20.2
Tennessee	140	4,900	176	6,160	+36	
Texas	54	1,890	65	2,275	+11	
Utah	384,050	13,441,750	300,022	10,500,770	−84,028	−21.9
Vermont	104	3,640	120	4,200	+16	
Washington	68,483	2,396,905	59,598	2,085,930	−8,885	−13.0
Wyoming	99	3,465	247	8,645	+148	
Total	2,025,480	70,891,800	1,921,949	67,268,215	−103,531	−5.1

[1] Gold valued at $35 per fine troy ounce.
[2] Percentage change not calculated for States with lower output.

The grand total production of gold in the United States and its possessions since 1792 amounts to 282,087,737 fine ounces with a value of $6,593,601,890. For a summary of production by calendar years 1792–1943, see page 36 of the Annual Report of the Director of the Mint for the Fiscal Year Ended June 30, 1944, and for later years, each succeeding annual report.

Silver production.—A total of 34,944,554 fine ounces of silver was produced from ores mined in 23 States and the Territory of Alaska during the calendar year 1949. States of leading production included Idaho in first place, followed by Montana, Utah, Arizona, Colorado, and Nevada. These six States produced nearly 34 million ounces, or 93 percent of the total. Total production declined 11 percent over the previous year, with 11 States showing an increased output and 13 a decreased output. A comparison of 1948 and 1949 production, by State of output, is shown in the following table:

Production of silver mined in the several States and Territory of Alaska (based upon arrivals at United States mints and assay offices and at private refineries)

State in which mined	Calendar year 1948		Calendar year 1949		Increase or decrease (−) in 1949	
	Fine ounces	*Value* [1]	*Fine ounces*	*Value* [1]	*Fine ounces*	*Percent* [2]
Alaska	55,709	$50,419	42,451	$38,420	−13,258	−23.8
Arizona	4,930,017	4,461,914	4,977,719	4,505,087	+47,702	+1.0
California	1,067,886	966,491	792,922	717,634	−274,964	−25.7
Colorado	3,156,138	2,856,464	2,852,449	2,581,610	−303,689	−9.6
Georgia	3	3	1,707	1,545	+1,704	
Idaho	11,620,665	10,517,289	9,921,891	8,979,812	−1,698,774	−14.6
Illinois	832	753	2,176	1,969	+1,344	
Michigan	1,008	912	2,000	1,810	+992	
Missouri	108,169	97,898	58,255	52,724	−49,914	−46.1
Montana	6,643,623	6,012,814	6,706,780	6,069,975	+63,157	+1.0
Nevada	1,950,012	1,764,859	1,878,498	1,700,136	−71,514	−3.7
New Mexico	603,985	546,637	516,300	467,278	−87,685	−14.5
New York	10,451	9,459	5,376	4,866	−5,075	−48.6
North Carolina	(3)	(3)	1	1		
Oregon	18,357	16,614	14,154	12,810	−4,203	−22.9
Pennsylvania	13,710	12,408	11,331	10,255	−2,379	−17.4
South Dakota	93,781	84,877	105,479	95,464	+11,698	+12.5
Tennessee	36,507	33,041	43,291	39,181	+6,784	+18.6
Texas	10,180	9,213	5,126	4,639	−5,054	−49.6
Utah	8,451,152	7,648,719	6,574,299	5,950,073	−1,876,853	−22.2
Vermont	24,710	22,364	27,441	24,835	+2,731	+11.1
Virginia	40	36	53	48	+13	
Washington	431,529	390,556	404,823	366,385	−26,706	−6.2
Wyoming	4	4	32	29	+28	
Total	39,228,468	35,503,744	34,944,554	31,626,586	−4,283,914	−10.9

[1] Valued at $0.905+ per fine ounce, the purchase price of the Treasury for newly mined domestic silver, in accordance with the act of July 31, 1946.
[2] Percentage change not calculated for States with lower output.
[3] Less than 1 fine ounce.

The grand total production of silver in the United States and its possessions since 1792 amounts to 4,024,878,034 fine ounces. For a summary of production by calendar years 1792–1943, see page 36 of the Annual Report of the Director of the Mint for the Fiscal Year Ended June 30, 1944, and for later years, each succeeding annual report.

Gold and silver consumption.—During the calendar year 1949 the mint institutions, private refiners, and dealers of the United States issued for industrial, professional, and artistic use, gold in the amount of $108,842,471 and silver in the amount of 88,000,000 ounces. Details are shown in the following statement:

Item	Gold	Silver
	Value [1]	*Fine ounces*
Government-stamped bars issued by mints and assay offices	$90,550,071	[2] 222,703
Bullion in various forms issued by private refiners and dealers	58,425,500	110,360,412
United States coin (estimated)		77,344
Total amount of material issued	148,975,571	110,660,459
Old jewelry, plate, scrap, etc., returned to private refiners, dealers, and to monetary use	40,133,100	22,660,459
Net amount of material issued	108,842,471	88,000,000

[1] Gold valued at $35 per fine ounce.
[2] There were no sales of silver under authority of the act of July 31, 1946, during the calendar year 1949.

The value of fine gold bars issued monthly in exchange for cash for industrial, professional, and artistic use, by the mint institutions, during the calendar year 1949, was as follows:

[On value bases, see Bases Used for Mint Service Statistics]

Month	Value of gold bars issued	Month	Value of gold bars issued
1949:		1949—Continued	
January	$2,432,639.81	August	$10,647,513.49
February	2,982,372.57	September	11,124,872.74
March	4,140,137.64	October	11,558,868.47
April	3,714,241.61	November	9,051,202.69
May	3,541,797.51	December	6,789,276.86
June	8,668,561.68		
July	4,076,225.42	Total	78,727,710.49

REVIEW OF GOLD AND SILVER MINING INDUSTRY

A review of the gold and silver mining industry in the various States and Alaska for the calendar year 1949, for which acknowledgment is made to the Bureau of Mines, United States Department of the Interior, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

Production of gold from Alaskan mines in 1949 was lower for the second consecutive year, the recorded output of 229,416 fine ounces (in terms of recoverable metal), valued at $8,029,560, being 8 percent below the total for 1948, according to Alfred L. Ransome, United States Department of the Interior, Bureau of Mines. Silver production of 36,056 fine ounces, valued at $32,633, was 46 percent less than the output in the previous year. Comparative production (and value) in 1948 was: Gold, 248,395 ($8,693,825); and silver, 67,341 ounces ($60,947).

Gold mining, which has maintained its position as the backbone of the mining industry in Alaska, has had ever-increasing difficulty in balancing high costs of mining, labor, and supplies against an established price for its product which has remained unchanged at $35 per fine ounce of gold since 1934. Although the supply of labor in 1949 was better than at any time since the war, the narrowing margin between the high operating costs and the official price for gold was not conducive to operation of any but the more efficient enterprises. Natural or unprocessed gold continued to be sold legally on the open market by a number of operators at prices varying from $3 to $8 per ounce over the official price. Included with the recorded production for 1949 are 9,836 fine ounces of gold contained in natural gold specifically reported by 10 producers as having been sold on the open market. In addition, 8,656 ounces of natural-gold bullion was reported sold, but this quantity is not included statistically because of insufficient data. Available information indicated that an undetermined quantity of natural gold (estimated to be 5,000 ounces) was sold by 11 producers who did not report specifically. Although these data are incomplete it can be assumed that approximately 22,000 ounces of natural-gold bullion originating from Alaskan mines in 1949 were sold. A comparable total of 18,000 ounces was estimated sold in 1948.

The greatest proportion of gold came from a relatively few mines; the leading 15 gold-producing mines (14 placer and 1 lode) in 1949 yielded 73 percent of the total recorded gold output. The Fairbanks district in the Yukon River Basin region ranked first in the Territory by a wide margin with 95,020 fine ounces. The five principal producers, which accounted for 57 percent of the total Alaska output of

gold, were in order of output: United States Smelting, Refining & Mining Co. (Fairbanks Unit), Fairbanks district (bucket-line dredges); United States Smelting, Refining & Mining Co. (Nome Unit), Nome district (bucket-line dredges); New York-Alaska Gold Dredging Corp., Tuluksak-Aniak district (bucket-line dredge); Brinker-Johnson Co., Fairbanks district (bucket-line dredge); and Strandberg & Sons, Hughes district (nonfloating washing plant).

Of the silver produced in Alaska in 1949, 90 percent was a byproduct of gold mining, and 10 percent came from lead ore. The most important producer of silver in 1949 was the United States Smelting, Refining & Mining Co. (Fairbanks Unit), which recovered silver as a byproduct of bucket-line dredging operations in the Fairbanks district.

ARIZONA

Arizona's production of gold was slightly less in 1949 than in 1948, but its production of silver was 3 percent greater, according to C. E. Needham and Paul Luff, of the United States Department of the Interior, Bureau of Mines.

The output of gold declined from 109,487 fine ounces valued at $3,832,045 in 1948 to 108,993 fine ounces valued at $3,814,755 in 1949, a loss of about one-half percent. Gold from lode mines decreased from 108,649 ounces in 1948 to 108,428 ounces in 1949, and that from placers from 838 ounces to 565 ounces. Copper ore yielded 78,735 ounces of gold, 72 percent of the State gold in 1949 (84,391 ounces in 1948, 77 percent); zinc-lead ore, 20,429, 19 percent (15,361 ounces in 1948, 14 percent) siliceous ores, 3,081 ounces, 3 percent (6,898 ounces in 1948, 6 percent); and zinc-copper ore, 4,336 ounces, 4 percent (926 ounces in 1948). Ore amalgamated furnished 40 ounces of gold; concentrates smelted, 88,257 ounces; and crude ore smelted, 20,131 ounces.

About 89 percent of the State gold in 1949 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts decreased from 99,023 ounces in 1948 to 96,498 ounces in 1949. The New Cornelia mine of the Phelps Dodge Corp., Pima County, continued to be the leading gold producer in Arizona. It was followed by the Iron King mine, Yavapai County; the Magma mine, Pinal County; the Copper Queen (Bisbee) branch of the Phelps Dodge Corp., Cochise County; the United Verde branch of the Phelps Dodge Corp., Yavapai County; and the Morenci branch of the Phelps Dodge Corp., Greenlee County. The six properties, all copper mines except the Iron King and part of the Copper Queen, produced 88 percent of the State total gold.

The total gold production in Arizona, in terms of recovered metal, from 1860 through 1949 has been 11,182,499 ounces valued at $278,882,620.

The output of recoverable silver in Arizona in 1949 was 4,970,736 fine ounces valued at $4,498,767, an increase of 3 percent in quantity and 3 percent in value compared with the 1948 output of 4,837,740 fine ounces valued at $4,378,399. A marked increase in production of silver from zinc-copper ore in 1949 prevented a decline in the State silver output. Copper ore yielded 2,412,359 ounces of silver, 49 percent of the State silver in 1949 (2,814,833 ounces in 1948, 58 percent), and zinc-lead ore 1,920,630 ounces, 39 percent (1,544,153 ounces

in 1948, 32 percent); the remainder came principally from siliceous ores, zinc-copper ore, lead ore, and zinc-lead-copper ore. Silver from copper ore decreased 402,474 ounces (14 percent), but that from zinc-lead ore increased 376,477 ounces (24 percent), that from zinc-copper ore 132,278 ounces (201 percent), and that from siliceous ores 16,010 ounces (5 percent).

About 75 percent of the State total silver in 1949 came from six districts—Ajo, Big Bug, Copper Mountain (Morenci), Pioneer (Superior), Verde (Jerome), and Warren (Bisbee). The output from these districts increased from 3,635,596 ounces in 1948 to 3,736,594 ounces in 1949. The Phelps Dodge Corp. continued to be the chief silver producer in Arizona, although its output was about 135,000 ounces (5 percent) less than in 1948; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 55 percent of the State silver in 1949. Other large silver producers were the Iron King, Magma, San Xavier (Eagle-Picher Mining & Smelting Co.), Ash Peak, and Flux-January-Norton properties.

The total silver production in Arizona, in terms of recovered metal, from 1860 through 1949 has been 307,064,974 ounces valued at $230,276,886.

CALIFORNIA

The output of gold from California mines in 1949 was 1 percent below the 1948 yield, according to R. B. Maurer, of the United States Department of the Interior, Bureau of Mines, but silver production rose 8 percent in 1949 compared with 1948.

Decreased production of gold from placer mines in 1949, due largely to lower yield from bucket-line dredges, was not offset by the increased output from the lode mines, notably in Nevada, Sierra, and Amador Counties.

The low monthly output of gold for 1949, 30,522 ounces, was recorded in January. Monthly output fluctuated slightly from February through November, but a trend toward increasingly larger average monthly yield was evident. Maximum monthly output of 37,228 ounces was attained in December.

The production of recoverable gold from California ores, gravels and re-treated tailings in 1949 was 417,231 fine ounces (including a relatively small quantity in "natural gold" and amalgam sold in the open market) valued at $14,603,085 compared with 421,473 fine ounces (including a quantity in "natural gold" sold, comparable to the 1949 figure) valued at $14,751,555 in 1948. In 1949, 242 lode mines produced 166,683 ounces of gold valued at $5,833,905 and 190 placer mines produced 250,548 ounces of gold valued at $8,769,180. Placer mines supplied 60 percent and lode mines 40 percent of the total in 1949 compared with 68 percent and 32 percent, respectively, in 1948.

Of the gold derived from lode operations, 97 percent was recovered from gold ore, 2 percent from lead ore, and the remainder from zinc ore, gold-silver ore, zinc-lead ore, copper ore, silver ore, and lead-copper ore. Metallurgical data show that 59 percent of the lode gold in 1949 (55 percent in 1948) was recovered by amalgamation of ore and old tailings, 33 percent (38 percent in 1948) by cyanidation of ore, concentrates, and old tailings, 5 percent (4 percent in 1948) by smelting of concentrates, and 3 percent (3 percent in 1948) by smelting ore and old tailings.

The yardage of material washed at placer mines decreased 11 percent, and the output of placer gold dropped 12 percent. Lode-gold production increased 23 percent, whereas tonnage of material treated decreased 6 percent.

In the following data on placer mining, 1948 figures are given in parentheses. Floating dredges of the bucket-line type washed 83,571,900 (94,747,200) cubic yards of gravel and recovered 226,838 (257,171) ounces of gold valued at $7,939,330 ($9,000,985) or 91 (90) percent of the placer gold produced in the State in 1949. Dragline dredges—those having a floating washing plant to which gravel is delivered by a dragline excavator—washed 2,906,600 (3,033,000) cubic yards of gravel which yielded 14,616 (17,029) ounces of gold valued at $511,560 ($596,015). Nonfloating washing plants, to which gravel was delivered by mechanical means, washed 256,500 (261,700) cubic yards of gravel and recovered 3,452 (1,159) ounces of gold valued at $120,820 ($40,565). Hydraulic mines produced 1,587 (1,784) ounces of gold valued at $55,545 ($62,440) derived from 447,900 (363,000) yards of gravel. Drift mining accounted for 95 (229) ounces of gold valued at $3,325 ($8,015) from 1,500 (14,100) cubic yards of gravel and suction dredging produced 1,364 (453) ounces of gold valued at $47,740 ($15,855) from 267,000 (83,000) yards of gravel. Small-scale, hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in producing 2,596 (7,731) ounces of gold valued at $90,860 ($270,585).

Due principally to lode mining, Nevada County ranked first among the California gold-producing counties in 1949. Sacramento County was second, because of the productivity of bucket-line dredges. Yuba, Butte, and Siskiyou Counties, which occupied third, fourth, and fifth places, respectively, derived almost all the 1949 gold production from bucket-line dredging.

The principal gold producers in California in 1949, listed by operators in order of output were: The Natomas Co., Sacramento County (dredge), Idaho-Maryland Mines Corp., Nevada County (gold ore), and Yuba Consolidated Gold Fields (Yuba Unit), Yuba County (dredge).

Production of silver from California ores, gravel, and re-treated tailings in 1949 was 783,880 fine ounces valued at $709,451 compared with 724,771 fine ounces valued at $655,954 in 1948. Of the lode silver, 40 percent was derived from lead ore, 35 percent from zinc-lead ore, 11 percent from zinc ore, more than 7 percent from gold ore, 4 percent from copper ore, 2 percent from gold-silver ore, and nearly 1 percent from silver ore and lead-copper ore, together. A small quantity of silver was recovered as a byproduct of dredging and other placer methods carried on principally for gold. Smelting of concentrates supplied 54 percent of the lode silver recovered in the State, smelting of ore and old tailings nearly 38 percent, cyanidation of ore, concentrates, and old tailings 6 percent, and amalgamation of ore and old tailings more than 2 percent.

The principal silver producers in California in 1949, listed by operators in order of output were: Anaconda Copper Mining Co. (Darwin group), Inyo County (zinc-lead ore and lead ore), Anaconda Copper Mining Co. (Shoshone group), Inyo County (lead ore), and Coronado Copper & Zinc Co., Shasta County (zinc ore).

COLORADO

The mine output of gold in Colorado in 1949 was 102,618 fine ounces valued at $3,591,630—a 34-percent decrease from the 154,802 ounces valued at $5,418,070 produced in 1948, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The principal factor in the decrease was the shutdown in February 1949 of virtually all mining operations in the famous Cripple Creek district to await completion of a new custom mill being built there to replace the Golden Cycle mill at Colorado Springs as a market for Cripple Creek ore. This district produced 35 percent of the State total gold in 1948 and 1947 and an average of 39 percent for the 20 years from 1929 through 1948. Other straight gold districts either remained inactive or had a low production, and gold output decreased in most of the principal districts producing gold along with silver and base metals.

The leading gold-producing districts in 1949, in order of rank, were Upper San Miguel, California (Leadville) (including Box Creek), Cripple Creek, Animas, and Fairplay; these five districts produced 84 percent of the State total gold output. Dry gold and silver ores yielded 52,616 ounces of gold (51 percent of the State total); zinc, lead, copper, and mixed base-metal ores together yielded 36,859 ounces (36 percent), and placers 13,143 ounces (13 percent). The principal gold-producing properties, in order of output, were: Smuggler Union group (Telluride Mines) and Treasury Tunnel-Black Bear (Idarado), both in San Miguel County; Resurrection, Lake County; Shenandoah-Dives group, San Juan County; and South Platte Dredging Co. dredge, Park County.

The State silver production decreased 4 percent from 1948 and amounted to about half the annual average for the 10-year prewar period 1932–41. The quantity produced was 2,894,886 fine ounces valued at $2,620,018 compared with 3,011,011 ounces valued at $2,725,117 in 1948. The tonnage of silver-bearing copper, lead, and zinc ores mined (755,481 tons, including the mixed base-metal ores) was nearly the same as in 1948, but the average yield of recoverable silver per ton of ore (2.27 ounces) decreased slightly. The base-metal ores together yielded 59 percent of the State total output of silver. The gold ore of the Cripple Creek district carries very little silver, and the shutdown of the Cripple Creek mines had little effect on the production of silver. The total quantity of dry gold and silver ores mined in other districts (483,657 tons) was 6 percent larger than in 1948, but the average yield of recoverable silver per ton of ore (2.43 ounces) decreased 8 percent.

The larger silver-producing districts in 1949 were Upper San Miguel, Animas, Creede (Mineral County), Ten Mile (Kokomo, Summit County), and California (Leadville). The principal silver-producing properties, in order of output, were: Treasury Tunnel-Black Bear (Idarado) group, Shenandoah-Dives group, Emperius Mining Co. group (Mineral County), American Smelting & Refining Co. Kokomo unit (Victory group), and Eagle mine (Eagle County).

Ore treated by mills in Colorado in 1949 totaled 1,238,651 tons, from which were recovered 33,208 ounces of gold and 12,272 ounces of silver in bullion shipped direct to the mint and 51,332 ounces of gold and 2,603,913 ounces of silver in concentrates shipped to smelters. Ore shipped direct to smelters totaled 23,704 tons containing 4,935

ounces of recoverable gold and 275,900 ounces of silver. The total value of the gold, silver, copper, lead, and zinc recovered from the 1,262,355 tons of ore sold or treated in Colorado in 1949 was $27,474,322, of which $6,211,648 represented the combined value of the gold and silver and $21,262,674 that of the copper, lead, and zinc. Placer mines produced 13,143 ounces of gold valued at $460,005 and 2,801 ounces of silver valued at $2,535.

The total production of recovered gold and silver in Colorado from 1858 through 1949 has been 39,483,642 fine ounces of gold valued at $875,804,434 and 738,890,228 fine ounces of silver valued at $575,229,936.

IDAHO

The output of recoverable gold in Idaho increased from 58,454 fine ounces valued at $2,045,890 in 1948 to 77,829 fine ounces valued at $2,724,015 in 1949 (a 33-percent gain); but the silver output declined from 11,448,875 fine ounces valued at $10,361,810 to 10,049,257 fine ounces valued at $9,095,085 (a 12-percent loss), according to C. E. Needham and Paul Luff, of the United States Department of the Interior, Bureau of Mines.

The yield of gold from lode mines rose from 37,678 ounces in 1948 to 62,751 ounces in 1949, but that from placer properties decreased from 20,776 ounces to 15,078 ounces. The gain from lode properties resulted principally from the treatment of ore, containing a higher gold content, from the Yellow Pine mine at Stibnite. Of the State total gold in 1949, 74 percent came from gold ore, 13 percent from bucket-line dredging, 6 percent from dragline dredging, and 6 percent from zinc-lead ore. Four bucket-line dredges and 7 dragline dredges treated about 3,000,000 cubic yards of gravel in 1949 and recovered 14,707 fine ounces of gold and 4,334 fine ounces of silver.

About 69 percent of Idaho's gold in 1949 came from a lode mine in the Yellow Pine district in Valley County. The remainder came largely from dredging operations in the Elk City district, Idaho County; Boise Basin district, Boise County; and Yankee Fork district, Custer County; and from lode operations in the Middle Boise (Atlanta) district, Elmore County; Warm Springs (Ketchum) district, Blaine County; and Coeur d'Alene region, Shoshone County. The Bradley Mining Co., operating the Yellow Pine mine at Stibnite, continued to be by far the leading State gold producer, and its output in 1949 was nearly double that in 1948. It was followed by Warren Dredging Corp. (bucket dredge) at Elk City, Idaho-Canadian Dredging Co. (bucket dredge) at Idaho City, Talache Mines, Inc. (lode) at Atlanta, Jordan Placers, Inc. (dragline dredge) near Sunbeam, and Triumph lode mine at Triumph. Gold recovered from ore amalgamated amounted to 1,214 ounces; from concentrates smelted, 60,704 ounces; and from crude or smelted, 833 ounces.

The total production of gold in Idaho, in terms of recovered metal, from 1863 through 1949 has been 8,042,014 ounces valued at $184,609,893.

Idaho's output of recoverable silver decreased to 10,049,257 fine ounces in 1949, 1,399,618 ounces less than that in 1948. This loss resulted mainly from curtailment of operations during the last half of the year at zinc-lead-silver mines caused by declines in the prices of lead and zinc and from a strike at the Bunker Hill lead smelter at

Bradley from August 20 to November 14. However, the State remained the largest producer of silver in the United States—a place it has held since 1933. Of the State total silver, silver ore yielded 42 percent, zinc-lead ore and old tailings 42 percent, lead ore 15 percent, and gold ore most of the remainder. The recovery of silver from silver ore decreased from 5,735,954 ounces in 1948 to 4,250,576 ounces in 1949 (26 percent), that from zinc-lead ore from 4,490,618 ounces to 4,190,996 ounces (7 percent), but that from silver-lead ore increased from 939,500 ounces to 1,475,017 ounces (57 percent).

The Coeur d'Alene region produced 9,146,146 fine ounces of silver in 1949 or 91 percent of the State total silver; the remainder came largely from the Warm Springs, Yellow Pine, and Bayhorse districts.

Twelve mines—the Sunshine, Bunker Hill & Sullivan, Polaris, Page, Silver Dollar, Triumph, Sherman, Silver Syndicate, Silver Summit, Lucky Friday, Star, and Morning—produced 83 percent of the State silver in 1949. Six properties near Kellogg, operated by the Sunshine Mining Co., produced 4,742,708 ounces of silver in 1949, or 47 percent of the State total.

The total production of silver in Idaho, in terms of recovered metal, from 1863 through 1949 has been 552,329,323 ounces valued at $387,851,818.

MISSOURI

No gold output has been reported in Missouri since the annual canvass of mines began in 1907, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The production of recoverable silver in 1949—all derived from lead and lead-copper ores—totaled 123,413 fine ounces valued at $111,695 compared with 114,187 ounces valued at $103,345 in 1948.

Nearly all the silver output was recovered as a byproduct by smelters treating lead concentrates produced in mills in southeastern Missouri. The concentrates usually contain 1 to 2 ounces of silver a ton, but a large part of the bullion obtained from the concentrates is not desilverized, and in the sale of the concentrates no value is attached to the silver. In 1949 and other recent years some silver was recovered from copper concentrate made in milling lead-copper-cobalt-nickel-iron ore from the Madison mine, also in southeastern Missouri. The St. Joseph Lead Co. continued to be the only substantial producer of silver in Missouri.

MONTANA

Montana lodes in 1949 yielded 42,903 fine ounces of gold, and placers 9,821 fine ounces—a total of 52,724 ounces valued at $1,845,340—according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. Compared with 1948, this represents a decrease of 24 percent from lodes and 41 percent from placers, or an over-all drop of nearly 28 percent. Declines were general at both lodes and placers, and among the State's larger gold-producing properties, only the Estelle-New Year's Gift group and the Cornucopia mine reported larger gold yields in 1949 than in 1948.

Of Montana's total gold in 1949, 49 percent was derived from gold and silver ores (40 percent in 1948), 32 percent from base-metal ores (37 percent in 1948), and 19 percent from placers (23 percent in 1948).

Ores milled yielded 60 percent of the total gold, and ores shipped to smelters nearly 22 percent.

Gold producers in Montana, each with an output of 1,800 ounces or more in 1949, were the property of the Anaconda Copper Mining Co. (copper ore and waste materials and zinc-lead ore and dumps) at Butte, Estelle-New Year's Gift group (gold ore) in Park County, Porter Bros. (placer) at Helena, Drumlummon mine (gold ore) at Marysville, Cornucopia mine (gold-silver ore) near Virginia City, Ruby mine (gold ore) in Phillips County, H. & H. Mines (placer) in Granite County, and Golden Sunlight mine (gold ore) near Whitehall. From these eight properties came 77 percent of the total gold.

The total production of gold in Montana, in terms of recovered metal from 1862 through 1949, has been 17,268,060 ounces valued at $388,835,312.

The output of recoverable silver in Montana in 1949 was 6,327,025 fine ounces valued at $5,726,277, which represents a decrease of 9 percent in quantity and value from the 1948 yield of 6,930,716 ounces valued at $6,272,648. This decline was attributable mainly to a 7-percent drop in output of the metal from the operations of the Anaconda Copper Mining Co. at Butte.

Zinc-lead ore supplied 62 percent of the State silver in 1949, copper ore 29, gold and silver ores 7, and lead and zinc ores together 2 percent. Ores milled yielded 91 percent of the total silver, and smelting ores almost 9 percent; minor sources were placers and old zinc slag fumed.

The Ananconda Copper Mining Co. supplied 83 percent of the State silver in 1949, followed by the Emma mine at Butte and the Mike Horse mine at Flesher. These three contributed 89 percent of the total silver.

The total production of silver in Montana, in terms of recovered metal, from 1862 through 1949, has been 768,733,754 ounces valued at $564,800,179.

NEVADA

Increased output in 1949 from rehabilitated gold mines, notably in Esmeralda, Humboldt, and Storey Counties, was largely responsible for the 17-percent increase in Nevada gold production over 1948, according to R. B. Maurer, of the United States Department of the Interior, Bureau of Mines. Production of silver increased 1 percent compared with 1948 due to the greater yield of silver from base-metal ores and dry and siliceous gold ores which more than compensated for the lower yield of the metal from dry and siliceous gold-silver and silver ores. Base-metal ores accounted for 57 percent of the silver recovered in 1949.

The output of gold from Nevada ores, old tailings and gravels in 1949 was 130,399 fine ounces valued at $4,563,965, compared with 111,532 fine ounces valued at $3,903,620 in 1948. Production of silver in 1949 was 1,800,209 fine ounces valued at $1,629,280, compared with 1,790,020 fine ounces valued at $1,620,058 in 1948.

Gold was recovered from the following sources: Gold ore, 54 percent; copper ore, 29 percent; placer gravel, 6 percent; gold-silver ore, 5 percent; zinc-lead ore, 4 percent; silver ore, 1 percent; and all other ores, 1 percent. Metallurgical data show that more than 51 percent of the State lode gold was recovered by cyaniding ore and old tailings, 43 percent by smelting concentrates, 3 percent by the direct smelting

of ore and old tailings, and nearly 3 percent by amalgamation of ore and old tailings.

The principal Nevada gold mines in 1949, listed by operating companies and in order of output were: Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Getchell Mines, Inc., Humboldt County (gold ore); London Extension Mining Co., Lander County (gold ore); Consolidated Coppermines Corp., White Pine County (copper ore); Consolidated Chollar, Gould and Savage Mining Co., Storey County (gold ore); Goldfield Deep Mines Co. of Nevada, Esmeralda County (gold ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Natomas Co. (bucket-line dredge); Dayton Consolidated Mines Co., Storey County (gold ore); and Summit King Mines, Ltd., Churchill County (gold-silver ore).

Nevada lode silver was recovered from the following sources in 1949: Zinc-lead ore, 33 percent; silver ore, 17 percent; gold-silver ore, 14 percent; lead ore, 14 percent; gold ore, 11 percent; copper ore, 7 percent; zinc ore, 3 percent; and all other ores nearly 1 percent. Placer gravels washed principally for gold yielded a small quantity of silver. The smelting of concentrates accounted for 53 percent of the lode silver produced in Nevada in 1949, 24 percent was recovered by cyaniding ore and old tailings and nearly 23 percent came from the direct smelting of ore and old tailings. A negligible quantity of silver was recovered by amalgamation of ore and old tailings.

The principal silver mines in Nevada in 1949, listed by operating companies and in order of output were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Copper Canyon Mining Co., Lander County (silver ore); Summit King Mines, Ltd., Churchill County (gold-silver ore); Consolidated Chollar, Gould and Savage Mining Co., Storey County (gold ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Prince Consolidated Mining Co., Lincoln County (zinc-lead and silver ores); Bristol Silver Mines Co., Lincoln County (lead and copper ores); Central Comstock Mines Corp., Storey County (gold-silver tailings); McFarland & Hullinger, Elko County (lead ore); and Ely Valley Mines, Inc., Lincoln County (zinc ore).

NEW MEXICO

There was little activity in straight gold and silver mining in New Mexico in 1949, and the quantity of gold and silver recovered incidentally in the production of copper, lead, and zinc was less than in 1948, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. In the Mogollon district, Catron County, an important producer of gold-silver ore before the wartime restrictions on gold mining caused the mines to close in 1942, repair work was done at the Lehigh Metals Co. Consolidated group of mines late in 1949, and small-scale mining began in January 1950.

The State output of recovered gold in 1949 totaled 3,249 fine ounces valued at $113,715 and silver 380,855 fine ounces valued at $344,693. Comparable figures for 1948 were 3,414 ounces of gold valued at $119,490 and 537,674 ounces of silver valued at $486,622.

The gold output in 1949 comprised 1,981 ounces from the Lordsburg district, Hidalgo County; 869 ounces from the Central district and 101

ounces from the Steeple Rock district, Grant County; and a total of 298 ounces from various districts in Catron, Grant, Hidalgo, Lincoln, Santa Fe, Sierra, and Socorro Counties. Copper ore yielded 2,304 ounces of gold; lead, zinc, and zinc-lead ores 651 ounces; dry gold and silver ores 263 ounces; and placer gravel 31 ounces. The only New Mexico producer of more than 1,000 ounces of gold was the Atwood copper mine in the Lordsburg district.

The principal silver-producing districts were Lordsburg, 149,312 ounces; Central, 136,483 ounces; Magdalena, 33,618 ounces; Eureka, 19,493 ounces; and Lone Mountain, 13,356 ounces. Twenty-one other scattered districts together produced 28,593 ounces of silver. Copper ore yielded nearly 41 percent of the State total silver output, zinc ore, 37 percent; lead and zinc-lead ores, 15 percent; and gold and silver ores and placer gravel more than 7 percent. The leading producers of silver were the Atwood copper mine, Hidalgo County; the Ground Hog zinc-lead mine in Grant County, and the Bonney-Miser's Chest (Banner) copper mine in Hidalgo County. Of the 6,539,602 tons of ores of gold, silver, copper, lead, and zinc mined in New Mexico in 1949, only 5,364 tons were dry gold and silver ores; copper ore amounted to 6,105,174 tons, zinc ore 363,322 tons, and lead and zinc-lead ores 65,742 tons. Gold and silver together represented less than 2 percent of the total value of the metals recovered from the ores.

The total production of gold and silver in New Mexico, in terms of recovered metals, from 1848 through 1949 has been 2,192,644 fine ounces of gold valued at $50,076,733 and 69,189,093 fine ounces of silver valued at $54,243,342.

OREGON

Oregon gold production in 1949, owing principally to expansion in dredging, exceeded the 1948 output by 11 percent, but was considerably below the postwar peak of 18,979 ounces attained in 1947 according to R. B. Maurer, of the United States Department of the Interior, Bureau of Mines. Silver production fell 10 percent below the relatively small yield of the metal in 1948.

The production of gold from Oregon ores and gravels was 16,226 fine ounces (including the fine gold content of "natural gold" sold on the open market) valued at $567,910 in 1949 compared with 14,611 fine ounces valued at $511,385 in 1948. Placer mines contributed 89 percent of the gold, and 74 percent of the placer gold was recovered by bucket-line dredges, 22 percent by dragline dredges, 2 percent by hydraulicking and 2 percent by other methods. Lode mines produced 11 percent of the total gold and 99 percent of the lode gold was derived from dry and siliceous gold ore and old tailings and 1 percent was from siliceous silver ore and copper ore. Metallurgical data show that ultimate recovery of nearly 47 percent of the total lode gold was from smelting of concentrates, nearly 38 percent from the smelting of ore, 15 percent was as bullion from amalgamation of ore and less than 1 percent from cyanidation of ore. The leading Oregon gold producers in 1949 in the order named were the Baker Dredging Co., Sumpter district, Baker County and Porter & Co., Granite district, Grant County (bucket-line dredges), and Calhoun & Howell of Oregon, Ltd., North Fork district, Grant County (dragline dredge).

Oregon ores and gravels in 1949 yielded 12,195 ounces of silver valued at $11,037 compared with 13,596 ounces valued at $12,305

in 1948, a decrease of 10 percent in both quantity and value. More than 99 percent of the State total came from Grant, Lane, and Baker Counties, principally the yield from lode mines; dry and siliceous gold ore was the principal source of lode silver and smelting of concentrates the principal method of recovery.

STATES EAST OF THE MISSISSIPPI RIVER

In 1949 the reported production of gold from mines in the States east of the Mississippi River was 1,967 fine ounces valued at $68,845 and silver, 101,612 fine ounces valued at $91,964, according to Samuel A. Gustavson of the United States Department of the Interior, Bureau of Mines. Production and value of gold and silver produced in 1948 were, respectively, 2,479 fine ounces valued at $86,765 and 101,171 fine ounces valued at $91,565. The prices per ounce used to calculate value for both 1949 and 1948 were $35 for gold and $0.9050505 for silver.

Gold was produced chiefly as a byproduct in the course of mining for magnetite-pyrite-chalcopyrite ore from the Cornwall mine, Lebanon County, Pa.; copper ore from the Elizabeth mine, Orange County, Vt.; and copper-iron-zinc ore from the Tennessee Copper Co. mines, Polk County, Tenn. Production in 1949 from these States was: Pennsylvania, 1,645 ounces; Tennessee, 171 ounces; and Vermont, 120 fine ounces. A total of 4 ounces of gold was reported from two lode gold mines and a total of 27 ounces of gold was reported from two placer mines, one of each in Georgia and North Carolina. In 1948 one lode gold mine in Georgia reported production of 19 ounces, whereas no placer output was reported.

There was little change from 1948 in the output of silver from mines in States east of the Mississippi River. Production was 101,612 fine ounces valued at $91,964 in 1949 and 101,171 ounces valued at $91,565 in 1948. All the silver was recovered as a byproduct from copper, lead, or zinc-lead ores from mines in Illinois, 3,128 ounces; New York, 18,378 ounces; Pennsylvania, 10,827 ounces; Tennessee, 41,833 ounces; and Vermont, 27,446 ounces.

SOUTH DAKOTA

Production of gold in South Dakota rose 23 percent in 1949 over 1948 and was the highest since 1942, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Production from the Homestake mine at Lead, Lawrence County, largest gold-producing mine in the United States, reached the highest rate of the postwar period in the last half of 1949. Since the mine resumed operations after the wartime shutdown it has not operated a full year at normal productive capacity because of the limited number of men available for underground work. The company reported that the full number of men required for the mine department was nearly reached in mid-November 1949. Output from the Bald Mountain mine at Trojan, an important gold producer, was a little higher than in 1948. There were no other regularly operating gold mines in the State in 1949. A little gold and silver, including 1 ounce of placer gold, was recovered by small-scale intermittent operators in Lawrence County. Silver is recovered as a byproduct of gold mining.

The total South Dakota output of gold in 1949 was 464,650 fine ounces valued at $16,262,750 and silver 109,383 fine ounces valued at $98,997. In 1948 the output of gold was 377,850 ounces valued at $13,224,750 and silver 94,693 ounces valued at $85,702.

Ore mined at the Homestake mine in 1949 was 1,112,183 tons compared with 896,862 tons in 1948. The mine is opened by three vertical shafts, the deepest being 4,245 feet, with an inside winze to the 5,000-foot level. The primary crushing plants are at the hoists. Other surface plants include the 180-stamp South mill (the main secondary crushing, grinding, and amalgamating plant), two cyanide plants, a slime plant, and refinery. At the refinery silver is parted from the gold, and virtually pure metals are shipped to the Denver mint. Bullion with a value of $15,683,159 was produced in 1949, which is $3,025,021 more than in 1948. Dividends paid in 1949 amounted to $4,520,880. From 1876 through 1949 the mine yielded bullion and concentrates that brought a net return of $494,113,151 and paid $165,176,794 in dividends.

Output of ore from the Bald Mountain Mining Co. group at Trojan in 1949 was 117,759 tons yielding 17,544 fine ounces of recovered gold and 25,612 fine ounces of silver; the net return to the mine on bullion sold during the year (including a small quantity of refinery slag) was $633,445. The ore-treatment process includes crushing to five-eighth-inch size, ball milling in cyanide solution, thickening and agitation, countercurrent washing in four stages, Merrill-Crowe zinc-dust precipitation, and reduction of precipitate in a gas-fired reverberatory-type tilting furnace.

The total production of gold and silver, in terms of recovered metals, in South Dakota from 1876 through 1949 has been 22,295,995 fine ounces of gold valued at $561,957,034 and 10,003,769 fine ounces of silver valued at $7,185,831.

TEXAS

Four small mines in Texas produced ores yielding recoverable gold or silver or both metals in 1949, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The total output of gold was 40 fine ounces valued at $1,400 and silver 2,691 fine ounces valued at $2,435. Comparable figures for 1948 were 57 ounces of gold valued at $1,995 and 3,065 ounces of silver valued at $2,774. The gold and silver produced in both years were recovered from copper and lead ores. The producing mines in 1949 were the Mary Ellen 25 miles north of Van Horn, Culberson County; the Sancho Panza near Allamoore, Hudspeth County; and The R. I. Carr leased properties west of Shafter, and the Silver Dome group northwest of Presidio, both in Presidio County.

The total Texas production of gold and silver, in terms of recovered metals, from 1885 through 1949 has been 8,432 fine ounces of gold valued at $229,065 and 33,294,666 fine ounces of silver valued at $23,438,865. The Presidio mine at Shafter, which produced most of the State output of silver in the past, was idle in 1949.

UTAH

The mine production of gold in Utah in 1949 was 314,058 fine ounces (314,046 ounces from lodes and 12 ounces from placers) valued

at $10,992,030, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. This represents a decline of 15 percent in quantity and value from the 1948 output of 368,422 ounces valued at $12,894,770. Of the larger gold-producing properties in Utah in 1949, only the property of the Park Utah Consolidated Mines Co. in the Park City region reported a gain over 1948 output. Loss was especially large at the Utah Copper mine in Bingham Canyon, owing to a work stoppage which began in October 1948 and continued until February 1949.

Of the total gold in 1949, 85 percent came from copper ore, 12 from zinc-lead ore, 0.3 from other base-metal ores, and nearly 3 percent from gold and silver ores. Two placers reported production. The West Mountain (Bingham) district supplied 91 percent of the total gold, the Park City region 6, and the Tintic district nearly 2 percent. Output of the metal in the West Mountain (Bingham) district was 14 percent below that in 1948, and in the Tintic district 53 percent, but in the Park City region it rose 2 percent.

The leading gold producers in Utah in 1949, each with an output of more than 1,000 ounces of recoverable metal, were as follows: Utah Copper mine and United States & Lark group, both in the West Mountain (Bingham) district; the properties of the New Park Mining Co. and Park Utah Consolidated Mines Co., both in the Park City region; Eureka Lilly mine and the Chief Consolidated Mining Co. property, both in the Tintic district; Butterfield property in the West Mountain (Bingham) district; and the Calumet mine in the Rush Valley district. These eight properties furnished 98 percent of the State gold.

The total production of gold in Utah, in terms of recovered metal, from 1864 through 1949, has been 11,747,120 ounces valued at $311,374,240.

The mine output of silver in Utah in 1949 was 6,724,880 fine ounces valued at $6,086,356—a decrease of 17 percent in quantity and value from the 8,045,329 ounces valued at $7,281,429 in 1948. With the exception of the Butterfield property in the West Mountain (Bingham) district and the Daly No. 1 dump at Park City, all of the larger silver producers in Utah reported lower yields in 1949 than in 1948. Decreases were especially large at the Utah Copper mine and at the properties of the Park Utah Consolidated Mines Co. and Silver King Coalition Mines Co., both at Park City. Output of the metal dropped 8 percent in the West Mountain (Bingham) district, 38 in the Park City region, and 19 in the Tintic district.

Zinc-lead ore, zinc ore, lead ore, and zinc-lead-copper ore together furnished almost 57 percent of the State silver in 1949; copper ore, 33 percent; and gold and silver ores, 10 percent; the remainder came principally from zinc slag fumed.

Utah properties that produced more than 100,000 ounces of recoverable silver each in 1949 were as follows: Utah Copper mine; United States & Lark group, properties of Chief Consolidated Mining Co. and New Park Mining Co.; Butterfield group; Park Utah Consolidated Mines Co. property; Daly No. 1 dump; Calumet mine; and Silver King Coalition Mines Co. property. These mine producers contributed 92 percent of the State silver.

The total production of silver in Utah, in terms of recovered metal, from 1864 through 1949, has been 741,722,760 ounces valued at $544,494,476.

WASHINGTON

The mine output of gold in Washington in 1949 was 71,994 fine ounces valued at $2,519,790, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. Lode output was 71,984 ounces and came from 29 properties; placer output was 10 ounces and came from 3 properties.

The State gold yield in 1949 was 3 percent greater than the yield of 70,075 ounces valued at $2,452,625 in 1948. This increase of 1,919 ounces resulted mainly from substantial shipments of gold ore during the second half of the year from the Gold King mine near Wenatchee. The Holden mine, in Chelan County, was the State's leading gold producer, followed in order by the Knob Hill mine in Ferry County, the Gold King mine in Chelan County, and the Aurum group in Ferry County. The above four properties contributed all but a small quantity of the State gold in 1949. Yield of the metal increased slightly at the Holden mine but declined at the Knob Hill mine and the Aurum group. Of the State gold in 1949, almost 60 percent was recovered from zinc-copper ore, and most of the remainder from gold ore.

The total production of gold in Washington, in terms of recovered metal, from 1860 through 1949, has been 2,355,704 ounces valued at $61,204,963.

The mine output of silver in Washington in 1949 was 357,853 fine ounces valued at $323,875, a decrease of 5 percent in quantity and value from the 375,831 ounces valued at $340,146 in 1948. Among the four leading State silver producers in 1949, only the Bonanza mine in Stevens County reported an increase. The Knob Hill mine (gold ore) remained in first place by a slight margin, followed by the Holden mine (zinc-copper ore), the Bonanza mine (lead ore), and the Aurum group (gold ore). These four furnished 89 percent of the State silver. Gold ore supplied 44 percent of the State silver in 1949, followed by zinc-copper ore with about 37 percent; most of the remainder came from lead and zinc-lead ores.

The total production of silver in Washington, in terms of recovered metal, from 1860 through 1949, has been 13,857,293 ounces valued at $10,039,365.

WYOMING

Mines in Wyoming produced 389 fine ounces of gold valued at $13,615 and 21 fine ounces of silver valued at $19 in 1949, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The production in 1948 was 115 ounces of gold valued at $4,025 and 11 ounces of silver valued at $10. Nearly all the output in both years came from the Carissa mine in the South Pass district, Fremont County. This mine had a substantial output in 1947 and was under development, with intermittent production in 1948 and 1949; it is equipped with a 100-ton amalgamation and cyanidation mill. A little gold was recovered from the St. Louis lode property and a small placer, both in the South Pass district. In Teton County 1 ounce of gold was recovered from the Sterling placer on Pacific Creek and 1 ounce from the Mercury claim near Moran.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 through 1949, has been 80,031 fine

ounces of gold valued at $1,909,413 and 74,819 fine ounces of silver valued at $51,912.

Distribution of gold and silver production of the United States, in fine ounces, for 1949, by sources of production (table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating bucket-line dredges	All other			
Alaska	8,327	156,020	65,069	32,317	3,739	
Arizona	108,428		565	328,358	2,230,019	2,412,359
California	166,683	226,838	23,710	96,943	658,495	28,442
Colorado	89,475	[3] 12,231	912	1,180,064	1,655,753	59,069
Georgia	1		17			
Idaho	62,751	10,234	4,844	4,365,038	5,683,665	554
Illinois					3,128	
Michigan						
Missouri					123,413	
Montana	42,903	7,758	2,063	435,913	4,045,329	1,845,783
Nevada	122,457	[4] 7,650	292	765,299	901,000	133,910
New Mexico	3,218		31	28,630	197,131	155,094
New York					18,378	
North Carolina	3		10			
Oregon	1,761	10,744	3,721	12,173		22
Pennsylvania	[5] 1,645					[5] 10,827
South Dakota	464,649		1	109,170	213	
Tennessee	171					41,833
Texas	40				2,610	81
Utah	314,046		12	663,160	3,828,012	2,233,708
Vermont	120					27,446
Washington	71,984		10	166,593	190,154	1,106
Wyoming	386		3	21		
Total	1,459,048	431,475	101,260	8,183,679	19,541,039	6,950,234

[1] Contains small quantity of silver from placer mines (61,368 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Production by dragline dredges included with that by bucket-line dredges; Bureau of Mines not at liberty to publish separately.
[4] Production by nonfloating washing plants included with that by bucket-line dredge; Bureau of Mines not at liberty to publish separately.
[5] From copper concentrates from magnetitite-pyrite-chalcopyrite ores.

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(*See also* World Monetary Statistics.)

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Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use and general disappearance; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, those withdrawn for recoinage, and general disappearance. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage

but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1950

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,682	3,910	1,097	2,766	962	10,417
Transfers	128					128
Intermint transfers	1	14		1		16
Trust deposits	28					28
Total	1,839	3,924	1,097	2,767	962	10,589
Deposit assay determinations:						
Purchases	3,475	4,660	1,681	4,527	1,231	15,574
Transfers	561					561
Intermint transfers		541		97		638
Trust deposits	1,132					1,132
Total	5,168	5,201	1,681	4,624	1,231	17,905

Number of gold and silver deposit transactions and assay determinations during the calendar year 1949

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,683	5,389	1,016	2,694	966	11,748
Transfers	134					134
Intermint transfers	1	17		1		19
Trust deposits	60	11				71
Total	1,878	5,417	1,016	2,695	966	11,972
Deposit assay determinations:						
Purchases	2,953	6,711	1,488	5,155	1,238	17,545
Transfers	2,824					2,824
Intermint transfers		650		84		734
Trust deposits	2,478	13				2,491
Total	8,255	7,374	1,488	5,239	1,238	23,594

Deposits and purchases of gold during the fiscal year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	205,741.555	1.769	6,925.457	115.714		198,698.615
Arizona	325.637		285.873	36.870		2.894
California	395,698.359		395,682.917	3.897		11.545
Colorado	41,862.999			41,862.999		
Georgia	4.412	4.412				
Idaho	15,905.860		1,264.749	3,270.334		11,370.777
Montana	13,569.492			8,555.910		5,013.582
Nevada	104,819.049		81,943.252	4,719.046		18,156.751
New Mexico	35.068			35.068		
Oregon	12,128.037		2,221.828	1.065		9,905.144
South Dakota	18,360.165			18,360.165		
Texas	1.293			1.293		
Utah	6.052			6.052		
Washington	156.953					156.953
Wyoming	24.697			24.697		
Unallocated	28.209	11.655		15.494	1.060	
Total newly mined unrefined	808,667.837	17.836	488,324.076	77,008.604	1.060	243,316.261
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)	10,360.917			1,102.505	4,920.822	4,337.590
Refined bars (0.995 fine and over)	620,096.581		26,196.756	515,078.620	78,160.914	660.291
Total newly mined refined	630,457.498		26,196.756	516,181.125	83,081.736	4,997.881
Total newly mined domestic	1,439,125.335	17.836	514,520.832	593,189.729	83,082.796	248,314.142
Other domestic:						
Secondary	165,020.561	43,807.283	13,520.776	44,595.066	60,250.020	2,847.416
Domestic coin:						
Purchased	229.484	2.262	.779	3.988	221.969	.486
Transferred from Treasury and Federal Reserve banks	7,359.326	5,081.849	1,701.394	576.083		
Total other domestic	172,609.371	48,891.394	15,222.949	45,175.137	60,471.989	2,847.902
Total domestic	1,611,734.706	48,909.230	529,743.781	638,364.866	143,554.785	251,162.044

Imports:						
Bullion unrefined	307,481.242		93,898.178		213,580.795	2.269
Bullion refined	14,297,653.202		51,126.965		14,246,526.237	
Secondary	355.437	32.855			322.582	
Foreign coin	137,373.079	45.134	143.229	2.640	137,181.847	.229
Total imports	14,742,862.960	77.989	145,168.372	2.640	14,597,611.461	2.498
Recoveries:						
Grains Receiving Division	166.477	39.229	47.177	14.761	47.876	17.434
Operative recoveries	1,002.330	54.215	52.537	244.177	639.048	12.353
Total recoveries	1,168.807	93.444	99.714	258.938	686.924	29.787
Total primary receipts	16,355,766.473	49,080.663	675,011.867	638,626.444	14,741,853.170	251,194.329
REDEPOSITS						
By Treasury and Federal Reserve banks						
Total acquisitions	16,355,766.473	49,080.663	675,011.867	638,626.444	14,741,853.170	251,194.329
INTERMINT TRANSFERS						
Refined bars	71,179.266	71,179.266				
Unrefined bars	308,968.725		257,512.605		51,456.120	
Proof bullion	100.000		100.000			
Total intermint transfers	380,247.991	71,179.266	257,612.605		51,456.120	
Grand total fine ounces	16,736,014.464	120,259.929	932,624.472	638,626.444	14,793,309.290	251,194.329
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	2,412.48	239.20	782.54	146.22	1,208.55	35.97
Increment to $35 per ounce	1,673.45	166.06	543.37	101.36	837.68	24.98
Purchases at $35 per ounce	572,191,745.88	1,539,550.05	23,566,522.43	22,331,413.06	515,962,533.05	8,791,727.29
Domestic coin transferred (melted)	257,993.35	177,864.69	59,566.92	20,265.00	283.50	13.24
Intermint transfers	13,306,679.73	2,491,274.35	9,014,441.18		1,800,964.20	
Total value at $35 per ounce	585,760,504.89	4,209,094.35	32,641,856.44	22,351,925.64	517,765,826.98	8,791,801.48

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Deposits and purchases of silver during the fiscal year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	29,208.24	0.27	1,256.03	25.80		27,926.14
Arizona	58.76		46.06	12.28		.42
California	82,295.33		82,292.44	1.11		1.78
Colorado	15,106.80			15,106.80		
Georgia	1,706.97	.27		1,706.70		
Idaho	3,783.02		903.45	413.53		2,466.04
Missouri	.27				0.27	
Montana	15,765.59			13,804.44		1,961.15
Nevada	445,218.92		439,936.97	2,727.77		2,554.18
New Mexico	11.88			11.88		
Oregon	2,664.90		437.25	.37		2,227.28
South Dakota	30,306.39			30,306.39		
Utah	1.14			1.14		
Washington	79.69					79.69
Wyoming	1.60			1.60		
Unallocated	4.31	.28		4.03		
Total newly mined unrefined	626,213.81	.82	524,872.20	64,123.84	.27	37,216.68
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	397,683.68			100,633.02	297,037.67	12.99
Refined bars (0.996 fine and over)	37,225,664.64	18,090,191.49	19,135,473.15			
Total newly mined refined	37,623,348.32	18,090,191.49	19,135,473.15	100,633.02	297,037.67	12.99
Total newly mined	38,249,562.13	18,090,192.31	19,660,345.35	164,756.86	297,037.94	37,229.67
Other domestic:						
Secondary	363,559.43	43,271.36	173,298.19	17,726.20	128,271.60	992.08
Domestic coin:						
Purchased	4,806.52	2,376.63	710.94	1,301.62	417.33	
Transferred from Treasury and Federal Reserve banks	1,860,063.37	1,415,752.77	277,648.88	166,661.72		
Uncurrent silver dollars melted	205,400.24	90,404.11	76,038.91	38,957.22		
Total other domestic	2,433,829.56	1,551,804.87	527,696.92	224,646.76	128,688.93	992.08
Total domestic	40,683,391.69	19,641,997.18	20,188,042.27	389,403.62	425,726.87	38,221.75

Imports:						
Bullion unrefined	28,186.11		26,384.77		1,801.34	
Bullion refined	46,992.58				46,992.58	
Foreign coin	235.25				235.25	
Secondary	160.14	5.30			154.84	
Total imports	75,574.08	5.30	26,384.77		49,184.01	
Return of lend-lease silver						
Recoveries:						
Grains Receiving Division	123.48	48.03	42.30	7.61	14.47	11.07
Operative recoveries	11,388.11		4,303.78	7,061.13	9.16	14.04
Total recoveries	11,511.59	48.03	4,346.08	7,068.74	23.63	25.11
Total primary receipts	40,770,477.36	19,642,050.51	20,218,773.12	396,472.36	474,934.51	38,246.86
REDEPOSITS						
By Office of Defense Plants of RFC, etc	55,006,811.67	5,338,313.15		36,865,932.89	12,802,565.63	
Total acquisitions	95,777,289.03	24,980,363.66	20,218,773.12	37,262,405.25	13,277,500.14	38,246.86
INTERMINT TRANSFERS						
Unrefined bars	117,273.34		39,831.43		77,441.91	
Proof bullion	100.00		50.00		50.00	
Assay coin	235.75	235.75				
Total intermint transfers	117,609.09	235.75	39,881.43		77,491.91	
DEPOSITED IN TRUST						
Imported bullion	11,491,004.98	11,491,004.98				
Bullion from domestic refineries	500,092.15	500,092.15				
Total deposited in trust	11,991,097.13	11,991,097.13				
Grand total fine ounces	107,885,995.25	36,971,696.54	20,258,654.55	37,262,405.25	13,354,992.05	38,246.86
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cost of primary receipts	34,939,211.03	16,405,008.17	17,940,124.42	164,280.32	397,367.15	32,430.97
Cost of bullion transferred	70,414.41	325.90	33,912.97		36,175.54	
Subsidiary coining value of transferred domestic coin	2,571,367.96	1,957,149.08	383,824.25	230,394.63		
Subsidiary coining value of melted uncurrent dollars	283,946.81	124,975.44	105,116.86	53,854.51		
Monetary value ($1.29+ per fine ounce) of bullion transferred	152,060.24	304.81	51,563.87		100,191.56	
Monetary value ($1.29+ per fine ounce) of silver acquired	123,833,262.50	32,297,843.90	26,141,444.01	48,177,655.24	17,166,868.86	49,450.49

Deposits and purchases of gold during the calendar year 1949

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	225,524.629	1.769	9,144.680	156.961	279.400	215,941.819
Arizona	564.834		537.522	27.312		
California	355,439.001		355,356.501			82.500
Colorado	46,879.906			46,874.096		5.810
Georgia	5.616	5.616				
Idaho	16,765.809		1,358.412	3,059.856		12,347.541
Montana	13,562.244			7,842.973		5,719.271
Nevada	70,101.716		65,591.160	459.543		4,051.013
New Mexico	28.650			28.650		
North Carolina	10.433	10.433				
Oregon	11,357.765		2,312.368			9,045.397
South Dakota	17,451.017			17,451.017		
Texas						
Utah	58.580			58.580		
Washington	1,004.336					1,004.336
Wyoming	166.568			166.568		
Unallocated	19.643	15.489		3.094	1.060	
Total newly mined unrefined	758,940.747	33.307	434,300.643	76,128.650	280.460	248,197.687
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.995 fine)	11,900.967			1,102.505	4,879.692	5,918.770
Refined bars (0.995 fine and over)	523,588.450		11,673.401	435,919.504	75,335.254	660.291
Total newly mined refined	535,489.417		11,673.401	437,022.009	80,214.946	6,579.061
Total newly mined domestic	1,294,430.164	33.307	445,974.044	513,150.659	80,495.406	254,776.748
Other domestic:						
Secondary	149,295.246	45,978.608	12,546.968	32,428.232	55,629.448	2,711.990
Domestic coin:						
Purchased	228.474	7.722	3.903	1.116	215.504	.229
Transferred from Treasury and Federal Reserve banks	5,132.010	3,297.588	1,091.332	743.090		
Total other domestic	154,655.730	49,283.918	13,642.203	33,172.438	55,844.952	2,712.219
Total domestic	1,449,085.894	49,317.225	459,616.247	546,323.097	136,340.358	257,488.967

Imports:						
Bullion unrefined	1,095,957.243	----------	110,284.884	----------	985,628.513	43.846
Bullion refined	19,309,562.220	----------	36.442	----------	19,309,525.778	----------
Secondary	71.332	45.224	----------	----------	26.108	----------
Foreign coin	137,472.177	284.557	15.301	3.643	137,168.126	.550
Total imports	20,543,062.972	329.781	110,336.627	3.643	20,432,348.525	44.396
Recoveries:						
Grains Receiving Division	142.436	40.402	39.851	13.582	36.053	12.548
Operative recoveries	1,304.324	54.215	53.051	244.177	943.623	9.258
Total recoveries	1,446.760	94.617	92.902	257.759	979.676	21.806
Total primary receipts	21,993,595.626	49,741.623	570,045.776	546,584.499	20,569,668.559	257,555.169
REDEPOSITS						
By Treasury and Federal Reserve banks	----------	----------	----------	----------	----------	----------
Total acquisitions	21,993,595.626	49,741.623	570,045.776	546,584.499	20,569,668.559	257,555.169
INTERMINT TRANSFERS						
Refined bars	131,327.423	71,179.266	60,148.157	----------	----------	----------
Unrefined bars	43,476.598	----------	----------	----------	43,476.598	----------
Proof bullion	150.000	----------	100.000	50.000	----------	----------
Total intermint transfers	174,954.021	71,179.266	60,248.157	50.000	43,476.598	----------
Grand total fine ounces	22,168,549.647	120,920.889	630,293.933	546,634.499	20,613,145.157	257,555.169
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	3,407.27	921.82	966.86	98.38	1,272.41	147.80
Increment to $35 per ounce	2,362.98	639.22	671.18	68.19	881.94	102.45
Purchases at $35 per ounce	769,590,455.40	1,623,976.86	19,911,767.42	19,104,283.02	719,936,246.87	9,014,181.23
Domestic coin transferred (melted)	179,620.35	115,415.58	38,196.62	26,008.15	----------	----------
Intermint transfers	6,123,390.77	2,491,274.35	2,108,685.49	1,750.00	1,521,680.93	----------
Total value at $35 per ounce	775,899,236.77	4,232,227.83	22,060,287.57	19,132,207.74	721,460,082.15	9,014,431.48

Deposits and purchases of silver during the calendar year 1949

[On quantity basis, see Bases Used for Mint Service Statistics]

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alaska	32,422.67	0.27	1,519.44	31.99		30,870.97
Arizona	94.73		84.54	10.19		
California	78,121.64		78,112.44			9.20
Colorado	14,577.90			14,577.58		.32
Georgia	1,707.24	.54		1,706.70		
Idaho	3,563.26		765.46	224.52		2,573.28
Maryland	.42	.42				
Missouri	.27				0.27	
Montana	13,217.03			10,828.24		2,388.79
Nevada	421,175.57		420,512.29	110.36		552.92
New Mexico	7.57			7.57		
North Carolina	.63	.63				
Oregon	2,511.15		463.00			2,048.15
South Dakota	24,754.86			24,754.86		
Utah	24.11			24.11		
Washington	632.41					632.41
Wyoming	10.57			10.57		
Unallocated	.40			.40		
Total newly mined unrefined	592,822.43	1.86	501,457.17	52,287.09	.27	39,076.04
Newly mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	377,165.58					
Refined bars (0.996 fine and over)	32,083,438.38	12,463,842.72	19,619,595.66	80,119.72	297,036.35	9.51
Total newly mined refined	32,460,603.96	12,463,842.72	19,619,595.66	80,119.72	297,036.35	9.51
Total newly mined	33,053,426.39	12,463,844.58	20,121,052.83	132,406.81	297,036.62	39,085.55
Other domestic:						
Secondary	276,452.29	34,375.95	111,735.72	16,055.80	113,356.62	928.20
Domestic coin:						
Purchased	5,943.20	3,104.94	857.72	1,504.33	476.21	
Transferred from Treasury and Federal Reserve banks	1,585,851.06	1,147,639.62	235,166.33	203,045.11		
Uncurrent silver dollars melted	181,480.87	71,408.56	56,661.97	53,410.34		
Total other domestic	2,049,727.42	1,256,529.07	404,421.74	274,015.58	113,832.83	928.20
Total domestic	35,103,153.81	13,720,373.65	20,525,474.57	406,422.39	410,869.45	40,013.75

Imports:						
Bullion unrefined	35,639.01		32,637.88		3,001.13	
Bullion refined	17,091.84				17,091.84	
Secondary	8.08	8.08				
Foreign coins	2,357.20		.14		2,357.06	
Total imports	55,096.13	8.08	32,638.02		22,450.03	
Return of lend-lease silver						
Recoveries:						
Grains Receiving Division	109.70	61.71	30.79	6.88	7.31	3.01
Operative recoveries	11,506.00		4,308.20	7,061.13	132.93	3.74
Total recoveries	11,615.70	61.71	4,338.99	7,068.01	140.24	6.75
Total primary receipts	35,169,865.64	13,720,443.44	20,562,451.58	413,490.40	433,459.72	40,020.50
REDEPOSITS						
By Office of Defense Plants of RFC, etc	86,619,862.97	23,415,897.51		39,238,333.67	23,965,631.79	
Total acquisitions	121,789,728.61	37,136,340.95	20,562,451.58	39,651,824.07	24,399,091.51	40,020.50
INTERMINT TRANSFERS						
Unrefined bars	76,523.53		11,517.71		65,005.82	
Proof bullion	250.00		50.00	200.00		
Assay coin	506.72	506.72				
Total intermint transfers	77,280.25	506.72	11,567.71	200.00	65,005.82	
DEPOSITED IN TRUST						
Imported bullion	26,323,219.37	24,921,960.32	1,401,259.05			
Bullion from domestic refineries	1,400,958.34	1,400,958.34				
Total deposited in trust	27,724,177.71	26,322,918.66	1,401,259.05			
Grand total fine ounces	149,591,186.57	63,459,766.33	21,975,278.34	39,652,024.07	24,464,097.33	40,020.50
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cost of primary receipts	30,157,128.00	11,307,138.93	18,315,626.57	133,866.72	366,589.37	33,906.41
Cost of bullion transferred	40,798.72	700.50	9,617.11	145.06	30,336.05	
Subsidiary coining value of transferred domestic coin	2,192,294.45	1,586,507.10	325,096.00	280,691.35		
Subsidiary coining value of melted uncurrent dollars	250,880.76	98,715.83	78,330.01	73,834.92		
Monetary value ($1.29+ per fine ounce) of bullion transferred	99,917.90	655.15	14,956.23	258.59	84,047.93	
Monetary value ($1.29+ per fine ounce) of silver acquired	157,465,507.60	48,014,663.02	26,585,795.96	51,267,004.83	31,546,300.11	51,743.68

Deposits of foreign gold bullion and coin during the fiscal year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Unrefined bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Dollars*
North America:						
Canada	2.269	778.277		9.094	789.640	27,637.40
Mexico				2.407	2.407	84.25
Central America:						
Costa Rica			10.307		10.307	360.74
Dominican Republic	1,062.621				1,062.621	37,191.73
Honduras	647.633		20.167		667.800	23,373.00
South America:						
British Guiana	11,252.358				11,252.358	393,832.53
Chile		6,808.297			6,808.297	238,290.40
Europe:						
Austria				.224	.224	7.84
Belgium		71,868.906	1.162		71,870.068	2,515,452.38
England	2.683	10,429,534.873		.233	10,429,537.789	365,033,822.61
France	11.418				11.418	399.63
Germany			321.420	2.791	324.211	11,347.40
Lithuania	2,235.186				2,235.186	78,231.51
Malta				22.026	22.026	770.91
Poland		7,483.508			7,483.508	261,922.78
Spain	178,643.984	181,656.493			360,300.477	12,610,516.70
Switzerland		714,383.593			714,383.593	25,003,425.76
Africa:						
Ethiopia	1,412.798				1,412.798	49,447.93
Liberia	10,337.438				10,337.438	361,810.33
Union of South Africa		2,832,666.908			2,832,666.908	99,143,341.78
Asia and Oceania:						
Australia	51.753				51.753	1,811.35
China	7,925.745	52,435.905			60,361.650	2,112,657.75
Fiji Islands	93,895.356				93,895.356	3,286,337.46
Manchuria			2.381		2.381	83.33
Unallocated		36.442		137,336.304	137,372.746	4,808,046.11
Total	307,481.242	14,297,653.202	355.437	137,373.079	14,742,862.960	516,000,203.59

Deposits of foreign silver bullion and coin during the fiscal year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Total [1]	Country from which exported	Total [1]
	Fine ounces		*Fine ounces*
North America: Mexico	17,091.84	Africa:	
Central America:		Ethiopia	73.06
Costa Rica	2.26	Liberia	241.44
Dominican Republic	177.66	Asia and Oceania:	
Honduras	146.11	Australia	11.43
South America: British Guiana	1,152.83	China	.15
Europe:		Fiji Islands	26,384.62
Belgium	.51	Japan	14,707.94
England	15,192.94	Unallocated	235.25
France	1.71		
Germany	154.33	Total	75,574.08

[1] Includes 28,186.11 ounces unrefined bullion; 46,992.58 ounces refined bullion; 160.14 ounces secondary; and 235.25 ounces coin.

Deposits of foreign gold bullion and coin during the calendar year 1949

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Unrefined bullion	Refined bullion	Secondary	Coin	Total	Total value
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Dollars*
North America:						
Canada	41.577	812.162			853.739	29,880.87
Mexico		291,084.949		3.181	291,088.130	10,188,084.55
Central America:						
Costa Rica	29.073				29.073	1,017.56
Dominican Republic	857.298				857.298	30,005.43
Honduras			39.111		39.111	1,368.89
Panama			6.113		6.113	213.96
South America:						
British Guiana	12,804.869				12,804.869	448,170.41
Chile		14,529.036			14,529.036	508,516.26
Colombia	199,883.295				199,883.295	6,995,915.33
Europe:						
Austria				.332	.332	11.62
Belgium		71,868.906			71,868.906	2,515,411.71
Germany				3.353	3.353	117.36
Great Britain	579,941.470	12,170,338.567	23.453	260.828	12,750,564.318	446,269,750.85
Holland		296,278.073			296,278.073	10,369,732.56
Switzerland	181,714.923	714,383.593			896,098.516	31,363,448.06
Africa:						
Ethiopia	1,412.798				1,412.798	49,447.93
Liberia	8,934.808				8,934.808	312,718.28
Union of South Africa		5,750,230.492			5,750,230.492	201,258,067.22
Oceania:						
Australia	51.753				51.753	1,811.35
Fiji	110,283.110				110,283.110	3,859,908.85
Unallocated	2.269	36.442	2.655	137,204.483	137,245.849	4,803,604.71
Total	1,095,957.243	19,309,562.220	71.332	137,472.177	20,543,062.972	719,007,203.95

Deposits of foreign silver bullion and coin during the calendar year 1949 [1]

[On quantity basis, see Bases Used for Mint Service Statistics]

Country from which exported	Total [2]	Country from which exported	Total [2]
	Fine ounces		*Fine ounces*
North America: Mexico	17,314.24	Africa:	
Central America:		Ethiopia	73.06
Costa Rica	1.38	Liberia	149.45
Dominican Republic	130.49	Oceania:	
Honduras	6.12	Australia	11.43
Panama	1.96	Fiji Islands	32,415.40
South America:		Unallocated	2,357.20
British Guiana	1,747.73		
Colombia	623.48	Total	55,096.13
Europe:			
Great Britain	264.11		
Switzerland	.08		

[1] In addition, silver deposited in trust for use in coinage for other governments was as follows: Imported from Mexico, 24,921,960.32 fine ounces of refined bullion.

[2] Includes 35,639.01 fine ounces unrefined; 17,091.84 fine ounces refined and 2,357.20 fine ounces coin, and 8.08 fine ounces secondary.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1950

[On quantity basis, see Bases Used for Mint Service Statistics]

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:			
Double eagles	*Face value* $116,600.00	*Face value* $2,280.00	*Face value* $118,880.0
Eagles	18,610.00	1,790.00	20,400.0
Half eagles	15,260.00	620.00	15,880.0
$3 pieces	15.00	6.00	21.0
Quarter eagles	2,040.00	65.00	2,105.0
$1 pieces	36.00	9.00	45.0
Total gold	152,561.00	4,770.00	157,331.0
Total value gold at $20.67+ per ounce			156,874.6
Silver:			
Trade dollars		2.00	2.0
Standard dollars	273,501.00	1,122.00	274,623.0
Half dollars	969,863.50	2,126.50	971,990.0
Quarter dollars	1,044,437.00	2,176.00	1,046,613.0
20-cent pieces	.80		.8
Dimes	750,584.20	2,200.00	752,784.2
Half-dimes	27.30	.10	27.4
3-cent pieces	26.31	.03	26.3
Total silver	3,038,440.11	7,626.63	3,046,066.7
Nickel:			
5-cent pieces	211,799.03	20.24	211,819.2
3-cent pieces	18.90		18.9
1-cent pieces	8.73	305.31	314.0
Total nickel	211,826.66	325.55	212,152.2
Bronze:			
2-cent pieces	9.08		9.0
1-cent pieces	152,506.02	27.71	152,533.7
Total bronze	152,515.10	27.71	152,542.8
Copper:			
1-cent pieces	14.13		14.1
½-cent pieces	1.23		1.2
Total copper	15.36		15.3
Copper-silver-manganese: 5-cent pieces	42,275.10		42,275.1
Zinc-coated steel: 1-cent pieces	291,274.39		291,274.3
Total minor	697,906.61	353.26	698,259.8
Grand total	3,888,907.72	12,749.89	3,901,657.6

SUMMARY

Metal obtained from melting the above:		*Weights*
Gold		7,588.810
Silver:		
Uncurrent silver dollars	fine ounces	205,400.24
All other silver coin	do	1,865,105.64
Cupro-nickel	do	658,248.44
Bronze, copper, and copper-zinc	gross ounces	1,404,130.38
Copper-silver-manganese alloy (not recoined)	do	134,819.27
Zinc-coated steel (not recoined)	do	2,579,947.49
Monetary value of metal obtained:		*Value*
Gold (at $35 per fine ounce)		$265,608.35
Silver (at $1.38+ per fine ounce):		
Uncurrent silver dollars		283,947.11
All other silver coin		2,578,338.54
Cupro-nickel		204,742.91
Bronze, copper, and copper-zinc		140,413.03
Gain by recoinage: Uncurrent silver dollars (net)		10,446.10
Total		3,483,496.04
Loss by recoinage:		
Silver (except uncurrent silver dollars)		193,105.20
Cupro-nickel		7,409.30
Bronze, copper, and copper-zinc		12,145.14
Total		212,659.64

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1949

[On quantity basis, see Bases Used for Mint Service Statistics]

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face value*	*Face value*	*Face value*
Double eagles	$52,160.00	$2,100.00	$54,260.00
Eagles	29,080.00	1,780.00	30,860.00
Half eagles	22,690.00	665.00	23,355.00
$3 pieces	15.00	15.00	30.00
Quarter eagles	2,477.50	75.00	2,552.50
$1 pieces	31.00	30.00	61.00
Total gold	106,453.50	4,665.00	111,118.50
Total value gold at $20.67+ per ounce			110,811.04
Silver:			
Trade dollars		4.00	4.00
Standard dollars	241,740.00	976.00	242,716.00
Half dollars	822,371.00	2,811.00	825,182.00
Quarter dollars	870,033.00	3,195.50	873,228.50
20-cent pieces	1.60		1.60
Dimes	666,695.30	2,970.00	669,665.30
Half dimes	41.80	.10	41.90
3-cent pieces	19.44	.03	19.47
Total silver	2,600,902.14	9,956.63	2,610,858.77
Nickel:			
5-cent pieces	204,211.40		204,211.40
3-cent pieces	17.01		17.01
1-cent pieces	8.75		8.75
Total nickel	204,237.16		204,237.16
Copper:			
1-cent pieces	15.60		15.60
½-cent pieces	130,383.44	81.03	130,464.47
Total copper	130,399.04	81.03	130,480.07
Bronze and copper-zinc:			
2-cent pieces (bronze)	25.37		25.37
1-cent pieces	.20		.20
Total bronze and copper-zinc	25.57		25.57
Copper-silver-manganese:			
5-cent pieces	33,061.00		33,061.00
Zinc-coated steel: 1-cent pieces	186,048.11		186,048.11
Total minor	553,770.88	81.03	553,851.91
Grand total	3,261,126.52	14,702.66	3,275,829.18

SUMMARY

		Weights
Metal obtained from melting the above:		
Gold	fine ounces	5,360.484
Silver:		
Uncurrent silver dollars	do	181,480.87
All other silver coin	do	1,592,300.98
Cupro-nickel	gross ounces	634,112.83
Bronze, copper, and copper-zinc	do	1,284,016.65
Copper-silver-manganese alloy (not recoined)	do	103,544.07
Zinc-coated steel (not recoined)	do	1,648,328.77
		Value
Monetary value of metal obtained:		
Gold (at $35 per fine ounce)		$187,616.94
Silver (at $1.38+ per fine ounce):		
Uncurrent silver dollars		250,880.76
All other silver coin		2,201,210.96
Cupro-nickel		197,235.72
Bronze, copper, and copper-zinc		128,401.67
Gain by recoinage: Uncurrent silver dollars (net)		9,140.76
Total		2,974,486.81
Loss by recoinage:		
Silver (except uncurrent silver dollars)		166,931.81
Cupro-nickel		7,001.44
Bronze, copper, and copper-zinc		2,103.95
Total		176,037.20

Standard silver dollars (uncurrent) melted for recoinage into subsidiary coin [1]

Fiscal year	Face amount	Fiscal year	Face amount
1943	$8,080,739	1948	$361,789
1944	44,658,194	1949	241,740
1945	393,881	1950	273,501
1946	96,455		
1947	66,655	Total	54,172,954

[1] The act of Dec. 18, 1942, authorized all worn and uncurrent standard silver dollars held, or thereafter received in the Treasury, to be formed into bars and used for coinage.

Standard silver dollars (mutilated) purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year	Face amount	Fiscal year	Face amount
1883-1929 [1]	$221,149	1941	$407
1930	1,329	1942	562
1931	1,193	1943	244
1932	442	1944	682
1933	513	1945	436
1934	504	1946	617
1935	649	1947	1,934
1936	638	1948	451
1937	339	1949	926
1938	607	1950	1,122
1939	629		
1940	366	Total	235,739

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890

Fiscal year	Face amount [1]	Face amount of new coin producible	Loss (net)	Fiscal year	Face amount	Face amount of new coin producible	Loss (net)
1891-1929 [2]	$128,045,738	$121,738,081	$6,307,657	1941	$4,122,939	$3,774,669	$348,270
1930	4,347,695	3,944,682	403,013	1942	2,767,828	2,532,102	235,726
1931	5,487,496	4,997,679	489,817	1943	10,619,576	10,588,190	31,386
1932	7,482,437	6,825,156	657,281	1944	46,363,450	47,393,898	+1,030,448
1933	8,467,446	7,715,023	752,423	1945	2,363,287	2,210,134	249,094
1934	7,563,736	6,948,272	615,464	1946	1,875,802	1,741,762	133,005
1935	8,828,214	8,074,032	754,182	1947	1,889,558	1,760,734	128,823
1936	7,200,195	6,587,520	612,675	1948	3,133,656	2,945,278	188,378
1937	6,026,887	5,526,508	500,379	1949	2,354,309	2,212,031	142,278
1938	5,514,687	5,038,320	476,367	1950	3,046,067	2,862,286	183,781
1939	4,861,773	4,434,279	427,494				
1940	4,530,970	4,140,548	390,422	Total	276,893,746	263,991,184	12,997,467

[1] Includes 11,111,168 standard silver dollars melted for subsidiary coin under act of Apr. 23, 1918; and 54,172,954 uncurrent standard silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942.

[2] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

Sales of Treasury silver under act of July 31, 1946, during fiscal years 1947–49 [1]

Fiscal year—	*Number of fine ounces sold*
1947	8,198
1948	1,728
1949	1,071
Total	10,997

[1] Sales made at 91 cents per fine ounce. No sales made during fiscal year 1950.

NOTE.—For a summary of silver receipts and issues, fiscal years 1932–46, inclusive, see Annual Report for 1946, pp. 73–79.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936–50 [1]

Fiscal year ended June 30—	Gold bullion	Silver coin and bullion [2]	Population	Per capita		
				Gold	Silver	Total
	Thousands	*Thousands*	*Thousands*			
1936	$10,608,417	$1,587,007	128,413	$82.61	$12.36	$94.97
1937	12,318,271	1,741,175	129,337	95.24	13.46	108.70
1938	12,962,954	1,957,704	130,085	99.65	15.05	114.70
1939	16,110,079	2,157,476	131,173	122.82	16.44	139.26
1940	19,963,091	2,302,501	132,130	151.09	17.43	168.52
1941	22,624,197	2,430,234	133,212	169.84	18.24	188.08
1942	22,736,704	2,582,735	134,474	169.08	19.21	188.29
1943	22,387,522	2,718,711	136,527	163.98	19.91	183.89
1944	21,173,066	2,748,959	138,001	153.43	19.92	173.35
1945	20,212,973	2,840,037	139,408	144.99	20.37	165.36
1946	20,269,934	3,281,637	140,987	143.77	23.28	167.05
1947	21,266,490	3,340,031	144,066	147.62	23.18	170.80
1948	23,532,460	3,400,472	146,587	160.53	23.20	183.73
1949	24,466,324	3,470,872	149,087	164.11	23.28	187.39
1950	24,230,720	3,496,991	151,734	159.69	23.05	182.74

[1] For data from 1873–1935, see Annual Report for 1944, p. 81.

[2] Includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates; does not include bullion held at cost value by the Treasury at close of each fiscal year.

Summary of newly mined domestic silver purchased by the Treasury, fiscal years 1934–50

Fiscal year	Purchased under Executive Proclamation of Dec. 21, 1933, and subsequent proclamations [1]		Purchased under the act of July 6, 1939 [2]		Purchased under the act of July 6, 1939, as amended by the act of July 31, 1946 [3]		Total newly mined domestic	
	Fine ounces	*Value*	*Fine ounces*	*Value*	*Fine ounces*	*Value*	*Fine ounces*	*Value*
1934	8,558,161	$5,532,520					8,558,161	$5,532,520
1935	30,863,349	20,214,113					30,863,349	20,214,113
1936	49,479,904	38,181,917					49,479,904	38,181,917
1937	62,932,341	48,776,104					62,932,341	48,776,104
1938	68,117,418	50,877,249					68,117,418	50,877,249
1939	63,615,086	41,608,830					63,615,086	41,608,830
1940	17,630,035	11,396,258	44,567,059	$31,691,636			62,197,094	43,087,894
1941	2,136	1,381	71,408,243	50,778,402			71,410,379	50,779,783
1942			68,401,222	48,640,109			68,401,222	48,640.109
1943			19,602,070	13,929,032			19,602,070	13,929,032
1944			661,475	470,375			661,475	470,375
1945			71,791	51,051			71,791	51,051
1946			1,289,087	916,670			1,289,087	916,670
1947			262,544	186,695	18,087,510	$16,370,108	18,350,054	16,556,803
1948			40,058	28,486	33,443,750	30,268,282	33,483,808	30,296,768
1949			233	165	36,328,853	32,879,431	36,329,086	32,879,596
1950			665	473	38,228,140	34,602,337	38,228,805	34,602,810
Total	301,198,430	216,588,372	206,304,447	146,693,094	126,088,253	114,120,158	633,591,130	477,401,624

[1] Purchased at the following prices: At 64.64+ cents per fine ounce Dec. 21, 1933–Apr. 9, 1935; at 71.11+ cents per fine ounce Apr. 10, 1935–Apr. 23, 1935; at 77.57+ cents per fine ounce Apr. 24, 1935–Dec. 31, 1937; at 64.64+ cents per fine ounce Jan. 1, 1938–June 30, 1939; at 71.11+ cents per fine ounce after July 1, 1939.
[2] Purchased at 71.11+ cents per fine ounce.
[3] Purchased at 90.505+ cents per fine ounce.

Detailed receipts of the Bureau of the Mint for the fiscal year ended June 30, 1950

Item	Philadelphia Mint	San Francisco Mint	Denver Mint	New York Assay Office and West Point Bullion Depository	Seattle Assay Office	Office of Director, Washington, D. C.	Total
General receipts:							
Seigniorage on subsidiary silver coinage	$3,169,068.57	$2,145,835.17	$2,741,177.32				$8,056,081.06
Seigniorage on minor coinage	3,404,900.35	250,950.10	2,079,733.26				5,735,583.71
Seigniorage on silver bullion, difference between cost value and monetary value	1,363,333.34	9,662,863.70					11,026,197.04
Charges on bullion deposits	13,477.69	62,791.78	15,237.05	$54,881.59	$17,336.35		163,724.46
Bar charges on bullion sales	560.21	306.44	2,678.70	33,410.84			36,956.19
Proceeds of surplus bullion recovered	16,014.89	4,694.39	17,573.47	35,368.69	13,735.39		87,386.83
Handling charges on gold purchases	3,475.84	58,866.70	55,806.12	249,798.20	21,976.82		389,923.68
Handling charges on gold sales	1,997.82	1,997.87	7,341.01	196,100.15			207,436.85
Charges on sales and handling, not otherwise classified	326.10						326.10
Commissions on telephone pay stations in Federal buildings outside of Washington, D. C	100.85		55.59				156.44
Fees, vending machines			58.20				58.20
Unclaimed funds and abandoned property, not otherwise classified	2.01					$21.70	23.71
Fines, penalties, and forfeitures, not otherwise classified		4,504.14		2,757.64		1,000.00	8,261.78
Sale of scrap, salvage, and waste (by products), not otherwise classified	865.21						865.21
Sale of stores	7.75						7.75
Proceeds of medals sold	8,143.02						8,143.02
Testing fees	696.00		12.00	2,015.00	384.50		3,107.50
Fees and other charges for administrative, professional, and scientific services, not otherwise classified	83.00						83.00
Fees and charges for miscellaneous services, not otherwise classified	2,975.42					996.04	3,971.46
Sale of scrap and salvaged surplus materials	695.71	462.53	139.81	1,310.90			2,608.95
Sale of equipment				150.00			150.00
Refund of transportation charges						7.59	7.59
Recoveries, jury service		6.00	22.50	33.00			61.50
Repayments, lapsed appropriations	5.00		12.51			8.43	25.94
Refund on empty containers	75.00			92.50			167.50
Refund of terminal leave compensation	1,939.52						1,939.52
Recoveries and refunds, not otherwise classified	81.81			7.00			88.81
Total general account receipts	7,988,825.11	12,193,278.82	4,919,847.54	575,925.51	53,433.06	2,033.76	25,733,343.80
Special account receipts: Increment resulting from reduction in weight of the gold dollar	2,049.63	542.73	101.36	4,100.04	24.98		6,818.74
Total receipts	7,990,874.74	12,193,821.55	4,919,948.90	580,025.55	53,458.04	2,033.76	25,740,162.54

Cash assets and liabilities of the United States Mint Institutions on June 30, 1950

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	113, 501. 052	$3, 972, 524. 89	123, 286, 533. 91	$110, 895, 365. 33
San Francisco Mint	14, 517, 798. 625	508, 122, 951. 80	554, 995, 758. 43	713, 538, 666. 25
Denver Mint	164, 975, 527. 570	5, 774, 108, 464. 88	133, 298, 108. 99	161, 247, 535. 64
New York Assay Office (including West Point Depository)	156, 007, 856. 845	5, 460, 274, 999. 63	339, 888, 684. 01	425, 208, 079. 86
Seattle Assay Office	21, 105. 728	738, 700. 53	4, 116. 29	3, 179. 39
Fort Knox Depository	356, 669, 010. 306	12, 483, 415, 360. 28		
Total	692, 304, 800. 126	24, 230, 633, 002. 01	1, 151, 473, 201. 63	1, 410, 892, 826. 47

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$152, 735, 407. 65	$3, 890, 144. 69	
San Francisco Mint	33, 237, 375. 80	1, 768, 420. 89	$23, 150. 00
Denver Mint	18, 234, 656. 70	1, 212, 184. 84	12, 000. 00
New York Assay Office (including West Point Depository)	48, 509, 862. 85		260, 000. 00
Seattle Assay Office			
Fort Knox Depository			
Total	252, 717, 303. 00	6, 870, 750. 42	295, 150. 00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$291, 755. 00	$517. 74	$334, 404. 57	$272, 120, 119. 87
San Francisco Mint	202, 522. 43	6, 952. 85	40, 810. 26	1, 256, 940, 850. 28
Denver Mint	233, 714. 26	5, 313. 57	104, 389. 64	5, 955, 158, 259. 53
New York Assay Office (including West Point Depository)				5, 934, 252, 942. 34
Seattle Assay Office				741, 879. 92
Fort Knox Depository				12, 483, 415, 360. 28
Total	727, 991. 69	12, 784. 16	479, 604. 47	25, 902, 629, 412. 22

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total liabilities
Philadelphia Mint	$270,842,170.45	$525,000.00	$650,211.34	$102,738.08	$272,120,119.87
San Francisco Mint	1,256,578,175.17	175,000.00	106,921.60	80,753.51	1,256,940,850.28
Denver Mint	5,954,607,407.23	300,000.00	140,142.56	110,709.74	5,955,158,259.53
New York Assay Office (including West Point Depository)	5,934,252,942.34				5,934,252,942.34
Seattle Assay Office	741,879.92				741,879.92
Fort Knox Depository	12,483,415,360.28				12,483,415,360.28
Total	25,900,437,935.39	1,000,000.00	897,275.50	294,201.33	25,902,629,412.22

Cash assets and liabilities of the United States Mint Institutions on December 31, 1949

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	150,029.922	$5,251,037.41	112,269,342.73	$99,227,642.87
San Francisco Mint	13,903,071.361	486,607,497.48	545,096,083.88	698,519,400.83
Denver Mint	164,673,646.891	5,763,577,640.98	114,420,883.49	135,187,062.37
New York Assay Office (including West Point Depository)	162,289,795.294	5,680,142,842.75	329,997,407.57	412,488,519.77
Seattle Assay Office	223,960.319	7,838,610.98	35,178.36	29,525.81
Fort Knox Depository	356,669,010.306	12,483,415,360.28		
Total	697,909,514.093	24,426,832,989.88	1,101,818,896.03	1,345,452,151.65

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$154,107,846.90	$3,081,459.70	
San Francisco Mint	34,515,367.00	1,511,311.28	$18,700.00
Denver Mint	18,042,049.90	1,373,579.98	9,250.00
New York Assay Office (including West Point Depository)	48,660,804.00	.81	1,400,693.00
Seattle Assay Office			
Fort Knox Depository			
Total	255,326,067.80	5,966,351.77	1,428,643.00

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Cash assets and liabilities of the United States Mint Institutions on December 31, 1949—Continued

ASSETS—Continued

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$224,713.68	$22,998.49	$418,412.97	$262,334,112.02
San Francisco Mint	187,271.60		15,283.70	1,221,374,831.89
Denver Mint	193,710.95	6,484.56	20,231.19	5,918,410,009.93
New York Assay Office (including West Point Depository)				6,142,692,860.33
Seattle Assay Office				7,868,136.79
Fort Knox Depository				12,483,415,360.28
Total	605,696.23	29,483.05	453,927.86	26,036,095,311.24

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total liabilities
Philadelphia Mint	$261,416,899.99	$625,000.00	$219,796.09	$72,415.94	$262,334,112.02
San Francisco Mint	1,221,036,680.10	175,000.00	88,085.35	75,066.44	1,221,374,831.89
Denver Mint	5,918,011,331.31	200,000.00	97,168.25	101,510.37	5,918,410,009.93
New York Assay Office (including West Point Depository)	6,142,692,860.33				6,142,692,860.33
Seattle Assay Office	7,868,136.79				7,868,136.79
Fort Knox Depository	12,483,415,360.28				12,483,415,360.28
Total	26,034,441,268.80	1,000,000.00	405,049.69	248,992.75	26,036,095,311.24

United States coinage during the calendar year 1949

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars:					
Regular	$2,807,000	$1,872,000	$2,060,300	$6,739,300	13,478,600
Commemorative: Booker T. Washington	6,002	6,002	6,002	18,006	36,012
Quarter dollars	2,328,000		2,517,100	4,845.100	19,380,400
Dimes	3,094,000	1,351,000	2,603,400	7,048,400	70,484,000
Total silver	8,235,002	3,229,002	7,186,802	18,650,806	103,379,012
MINOR					
Five-cent pieces (cupro-nickel)	3,032,600	485,800	1,824,900	5,343,300	106,866,000
One-cent pieces (bronze)	2,177,750	642,900	1,531,325	4,351,975	435,197,500
Total minor	5,210,350	1,128,700	3,356,225	9,695,275	542,063,500
Total domestic coinage	13,445,352	4,357,702	10,543,027	28,346,081	645,442,512

United States coinage during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total
PHILADELPHIA											
Silver:											
Half dollars	14,663,694	31,753,130	67,023,354	32,918,000	40,878,000	8,550,000	13,466,603	3,120,022	4,110,818	6,506,927	222,990,548
Quarter dollars	59,077,461	75,107,008	140,585,354	79,688,000	95,180,000	53,700,000	40,052,000	26,948,000	36,536,000	11,562,194	618,436,017
Dimes	114,015,402	159,180,424	254,009,254	156,430,000	244,130,000	166,910,000	225,450,000	87,700,000	80,720,000	5,302,573	1,493,847,653
Minor:											
5-cent pieces	202,871,278	158,484,400	216,594,600	161,678,000	108,748,100	140,067,000	122,272,000	98,764,000	82,116,000	50,331,554	1,341,926,932
1-cent pieces	803,295,372	1,070,230,100	279,242,800	1,119,423,670	1,577,669,000	678,664,000	849,500,000	244,135,000	255,735,000	173,240,416	7,051,135,358
Total	1,193,923,207	1,494,755,062	957,455,362	1,550,137,670	2,066,605,100	1,047,891,000	1,250,740,603	460,667,022	459,217,818	246,943,664	10,728,336,508
SAN FRANCISCO											
Silver:											
Half dollars	4,766,000	12,152,000	13,376,000	12,158,000	10,702,000	8,196,000	500,279	120,022	12,004	4,256,091	66,238,396
Quarter dollars	9,640,000	20,744,000	20,684,000	19,476,000	16,036,001	8,392,000	4,204,000	5,532,000	15,960,000	1,728,000	122,396,001
Dimes	28,290,000	55,930,000	53,160,000	63,530,000	45,370,000	42,470,000	16,070,000	23,680,000	35,520,000	13,510,000	377,530,000
Minor:											
5-cent pieces	48,455,000	28,780,000	89,490,000	61,510,000	17,360,000	60,579,000	22,260,000	4,620,000	21,016,000	----------	354,070,000
1-cent pieces	96,810,000	147,170,000	71,170,000	418,490,000	83,160,000	135,470,000	232,300,000	118,900,000	55,585,000	58,860,000	1,417,915,000
Total	187,961,000	264,776,000	247,880,000	575,164,000	172,628,001	255,107,000	275,334,279	152,852,022	128,093,004	78,354,091	2,338,149,397
DENVER											
Silver:											
Half dollars	3,752,400	12,856,000	14,446,000	5,607,800	11,742,200	5,823,600	5,327,813	4,148,622	2,660,004	5,355,204	71,719,643
Quarter dollars	9,090,400	21,943,600	19,348,400	12,086,800	15,000,800	7,204,000	8,312,400	17,742,400	17,906,400	2,648,800	131,284,000
Dimes	39,380,000	59,670,000	100,471,000	24,462,000	52,151,000	57,583,500	57,947,000	33,394,000	63,685,000	9,770,000	498,513,500
Minor:											
5-cent pieces	63,902,000	38,820,000	----------	30,442,000	29,519,000	41,980,000	52,438,200	20,868,000	53,215,000	20,645,000	351,829,200
1-cent pieces	101,340,000	222,070,000	132,498,000	380,740,000	298,488,000	242,538,000	366,385,000	113,250,000	186,480,000	133,555,000	2,177,344,000
Total	217,464,800	355,359,600	266,763,400	453,338,600	406,901,000	355,129,100	490,410,413	189,403,022	323,946,404	171,974,004	3,230,690,343
ALL MINTS											
Silver:											
Half dollars	23,182,094	56,761,130	94,845,354	50,683,800	63,322,200	22,569,600	19,294,695	7,388,666	6,782,826	16,118,222	360,948,587
Quarter dollars	77,807,861	117,794,608	180,617,754	111,250,800	126,216,801	69,296,000	52,568,400	50,222,400	70,402,400	15,938,994	872,116,018
Dimes	181,685,402	274,780,424	407,640,254	244,422,000	341,651,000	266,963,500	299,467,000	144,774,000	179,925,000	28,582,573	2,369,891,153
Minor:											
5-cent pieces	315,228,278	226,084,400	306,084,600	253,630,000	155,627,100	242,626,000	196,970,200	124,252,000	156,347,000	70,976,554	2,047,826,132
1-cent pieces	1,001,445,372	1,439,470,100	482,910,800	1,918,653,670	1,959,317,000	1,056,672,000	1,448,185,000	476,285,000	497,800,000	365,655,416	10,646,394,358
Grand total pieces	1,599,349,007	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	1,658,127,100	2,016,485,295	802,922,066	911,257,226	497,271,759	16,297,176,248

United States coinage during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)

Mint and denomination	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total
PHILADELPHIA											
Silver:											
Half dollars	$7,331,847	$15,876,565	$33,511,677	$16,459,000	$20,439,000	$4,275,000	$6,733,302	$1,560,011	$2,055,409	$3,253,464	$111,495,275
Quarter dollars	14,769,365	18,776,752	35,146,339	19,922,000	23,795,000	13,425,000	10,013,000	6,737,000	9,134,000	2,890,548	154,609,004
Dimes	11,401,540	15,918,042	25,400,925	15,643,000	24,413,000	16,691,000	22,545,000	8,770,000	8,072,000	530,257	149,384,765
Minor:											
5-cent pieces	10,143,564	7,924,220	10,829,730	8,083,900	5,437,405	7,003,350	6,113,600	4,938,200	4,105,800	2,516,578	67,096,347
1-cent pieces	8,032,954	10,702,301	2,792,428	11,194,237	15,776,690	6,786,640	8,495,000	2,441,350	2,557,350	1,732,404	70,511,352
Total	51,679,270	69,197,880	107,681,099	71,302,137	89,861,095	48,180,990	53,899,902	24,446,561	25,924,559	10,923,251	553,096,743
SAN FRANCISCO											
Silver:											
Half dollars	2,383,000	6,076,000	6,688,000	6,079,000	5,351,000	4,098,000	250,139	60,011	6,002	2,128,046	33,119,199
Quarter dollars	2,410,000	5,186,000	5,171,000	4,869,000	4,009,000	2,098,000	1,051,000	1,383,000	3,990,000	432,000	30,599,000
Dimes	2,829,000	5,593,000	5,316,000	6,353,000	4,537,000	4,247,000	1,607,000	2,368,000	3,552,000	1,351,000	37,753,000
Minor:											
5-cent pieces	2,422,750	1,439,000	4,474,500	3,075,500	868,000	3,028,950	1,113,000	231,000	1,050,800	----------	17,703,500
1-cent pieces	968,100	1,471,700	711,700	4,184,900	831,600	1,354,700	2,323,000	1,189,000	555,850	588,600	14,179,150
Total	11,012,850	19,765,700	22,361,200	24,561,400	15,596,600	14,826,650	6,344,139	5,231,011	9,154,652	4,499,646	133,353,849
DENVER											
Silver:											
Half dollars	1,876,200	6,428,000	7,223,000	2,803,900	5,871,100	2,911,800	2,663,907	2,074,311	1,330,002	2,677,602	35,859,823
Quarter dollars	2,272,600	5,485,900	4,837,100	3,021,700	3,750,200	1,801,000	2,078,100	4,435,600	4,476,600	662,200	32,821,000
Dimes	3,938,000	5,967,000	10,047,100	2,446,200	5,215,100	5,758,350	5,794,700	3,339,400	6,368,500	977,000	49,851,350
Minor:											
5-cent pieces	3,195,100	1,941,000	----------	1,522,100	1,475,950	2,099,000	2,621,910	1,043,400	2,660,750	1,032,250	17,591,460
1-cent pieces	1,013,400	2,220,700	1,324,980	3,807,400	2,984,880	2,425,380	3,663,850	1,132,500	1,864,800	1,335,550	21,773,440
Total	12,295,300	22,042,600	23,432,180	13,601,300	19,297,230	14,995,530	16,822,467	12,025,211	16,700,652	6,684,602	157,897,073
ALL MINTS											
Silver:											
Half dollars	11,591,047	28,380,565	47,422,677	25,341,900	31,661,100	11,284,800	9,647,348	3,694,333	3,391,413	8,059,111	180,474,295
Quarter dollars	19,451,965	29,448,652	45,154,439	27,812,700	31,554,200	17,324,000	13,142,100	12,555,600	17,600,600	3,984,749	218,029,005
Dimes	18,168,540	27,478,042	40,764,025	24,442,200	34,165,100	26,696,350	29,946,700	14,477,400	17,992,500	2,858,257	236,989,115
Minor:											
5-cent pieces	15,761,414	11,304,220	15,304,231	12,681,500	7,781,355	12,131,300	9,848,510	6,212,600	7,817,350	3,548,828	102,391,307
1-cent pieces	10,014,454	14,394,701	4,829,108	19,186,537	19,593,170	10,566,720	14,481,850	4,762,850	4,978,000	3,656,554	105,463,953
Grand total amount	74,987,420	111,006,180	153,474,480	109,464,837	124,754,925	78,003,170	77,066,508	41,702,783	51,779,863	22,107,499	844,347,675

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1933 (May 19)	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do [2]	June 28, 1834	64.5	899.225		
Do [2]	Jan. 18, 1837	64.5	900		
Do [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [2]	Mar. 3, 1849 Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1949	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4+	855,611,127	[2] $855,611,127.00
Do. [1] [2]	Jan. 18, 1837	412½	900		
Do. [2]	Feb. 28, 1878	412½	900		
Do. [2]	July 14, 1890	412½	900		
Do. [2]	Mar. 3, 1891	412½	900		
Do. [2]	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4+	887,695,626	443,847,813.00
Do	Jan. 18, 1837	206¼	900		
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)		378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof	$36,087,285	
Oct. 31, 1893	42,139,872	
Act Nov. 1, 1893, to June 12, 1898	108,800,188	
		187,027,345
Act June 13, 1898, war revenue bill		5,078,472
Act Mar. 3, 1887 and 1891, trade-dollar conversion		
Act Apr. 23, 1918, Pittman Act replacement:	$86,730,000	
Old design, since Feb. 21, 1921	183,502,722	
		270,232,722
Peace dollar, since Dec. 21, 1921		7,021,528
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		53,029
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1949	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	$50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco - Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Iowa Centennial	Aug. 7, 1946	192.9	900	100,057	50,028.50
Booker T. Washington	do	192.9	900	2,097,016	1,048,508.00
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900	1,741,681,869	435,420,467.25
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	4,222,183,945	422,218,394.50
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20⅝	900		
Do.[10]	Feb. 21, 1853	19.2	900	97,604,388	4,880,219.40
3 cents [10]	Mar. 3, 1851	12⅜	750		
Do.[10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				7,899,005,603	2,206,597,781.60

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage, by class and denomination, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1949	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		3,356,214,532	$167,810,726.60
Do	Feb. 12, 1873				
5 cents (silver)	[2]	77.16		869,923,700	43,496,185.00
3 cents (nickel) [3]	Mar. 3, 1865	30		31,378,316	941,349.48
Do.[3]	Feb. 12, 1873				
2 cents (bronze) [4]	Apr. 22, 1864	96		45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264		156,288,744	1,562,887.44
Do	Jan. 14, 1793	208			
Do	[5] Jan. 26, 1796	186			
Do.[6]	Jan. 18, 1837	168			
Cent (nickel) [7]	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48		12,026,061,098	120,260,610.98
Do	Feb. 12, 1873				
Cent (zinc-steel)	[8]	41.5		1,093,838,670	10,938,386.70
Do	[8]	42.5			
Cent (copper-zinc)	[9]	48		5,102,736,000	51,027,360.00
Half cent (copper)	Apr. 2, 1792	132		7,981,822	39,909.11
Do	Jan. 14, 1793	104			
Do	[5] Jan. 25, 1796	84			
Do.[6]	Jan. 18, 1837	84			
Total minor				22,890,795,882	398,997,155.31
Grand total gold, silver, and minor				31,141,346,843	7,131,813,417.41

[1] *Composition—percent:*
5 and 3 cents (nickel)—copper, 75; nickel, 25.
5 cents (silver)—copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—pure copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel, with obverse and reverse sides covered with a coating of not to exceed 0.001 inch zinc.
1 cent (copper-zinc)—copper 95; zinc 5.

[2] 5 cents (silver) coined, under provisions of act of Mar. 27, 1942, as amended by act of Dec. 28, 1945, from Oct. 1, 1942, until expiration of authority Dec. 31, 1945.
[3] 3-cents (nickel) discontinued by act of Sept. 26, 1890.
[4] 2-cents (bronze) discontinued by act of Feb. 12, 1873.
[5] Proclamation of the President in conformity with act of Mar. 3, 1795.
[6] Copper cent and half cent discontinued by act of Feb. 21, 1857.
[7] Nickel cent discontinued by act of Apr. 22, 1864.
[8] Zinc-steel cent coined, by orders of Secretary of the Treasury dated Dec. 23, 1942, and May 15, 1943, pursuant to act of Dec. 18, 1942, during calendar year 1943.
[9] Copper-zinc cent coined, by order of Secretary of the Treasury of Dec. 16, 1943, pursuant to act of Dec. 18, 1942, from Jan. 1944 until expiration of authority Dec. 31, 1946.

Estimated stock of coins in the United States on June 30, 1950

Item	Silver coin	Minor coin	Total coin
Stock in the United States on July 1, 1949	$1,482,313,062	$371,955,700	$1,854,268,762
Coinage executed fiscal year 1950	14,902,117	7,205,382	22,107,499
Exports of United States coin fiscal year 1950 (net) [1]	+86,346	+1,578	+87,924
Coin withdrawn from monetary use fiscal year 1950	3,046,067	698,260	3,744,327
Coin used in industrial arts, general disappearance, etc., fiscal year 1950 [2]	100,000	1,200	101,200
Stock in the United States on June 30, 1950	1,494,155,458	378,463,200	1,872,618,658

[1] Partly estimated. [2] Estimated.

Minor coins outstanding on June 30, 1950[1]

Denomination and composition [2]	Total coined	Total withdrawn from monetary use [3]	Total outstanding [4]
Half cents, copper [5]	$39,909.11	$3.77	$39,905.34
Cents:			
Copper	1,562,887.44	383,847.82	1,179,039.62
Nickel-copper	2,007,720.00	809,581.36	1,198,138.64
Bronze and copper-zinc	173,584,975.14	2,693,727.07	170,891,248.07
Zinc-coated steel	10,938,386.70	528,887.70	10,409,499.00
2 cents, bronze	912,020.00	344,264.90	567,755.10
3 cents, nickel-copper	941,349.48	288,116.22	653,233.26
5 cents:			
Nickel-copper	168,152,304.30	13,257,672.20	154,894,632.10
Copper-silver-manganese	43,496,185.00	145,234.50	43,350,950.50
Total	401,635,737.17	18,451,335.54	383,184,401.63

[1] Will not agree with figures in table, stock of (minor) coins in the United States. (See Bases Used for Mint Service Statistics.)
[2] See table, Authority for United States coinage, for weights and proportions of metals.
[3] Consists only of worn and mutilated coins unfit for circulation, returned to the mints and melted.
[4] Represents total coinage minus worn and mutilated coins returned to the mints and melted.
[5] There is no record of the earlier melting of copper half cents, but it is believed that few, if any, are now in circulation.

Estimated stock of coins in the United States on Dec. 31, 1949

Item	Silver coin	Minor coin	Total coin
Stock in the United States on Jan. 1, 1949	$1,470,479,576	$367,002,870	$1,837,482,446
Coinage executed calendar year 1949	18,650,806	9,695,275	28,346,081
Exports of United States coin calendar year 1949 (net) [1]	+29,259	+160,421	+189,680
Coin withdrawn from monetary use calendar year 1949	2,610,859	553,852	3,164,711
Coin used in industrial arts, general disappearance, etc., calendar year 1949 [2]	100,000	1,200	101,200
Stock in the United States on Dec. 31, 1949	1,486,448,782	376,303,514	1,862,752,296

[1] Partly estimated. [2] Estimated.

Coinage by the United States mints for other countries during the fiscal year 1949

[Corrected table: Coinage for Venezuela during fiscal year 1949 was executed at San Francisco instead of Denver]

Country and denomination	Composition	Gross weight per coin	Coinage by mint at—			
			Philadelphia	San Francisco	Denver	Total
		Grains	*Pieces*	*Pieces*	*Pieces*	*Pieces*
China: Dollar	880 silver, 120 copper	412	9,950,000		2,410,000	12,360,000
Cuba:						
20 centavos	900 silver, 100 copper	77.16	20,000,000			20,000,000
10 centavos	do	38.58	15,000,000			15,000,000
Total Cuba			35,000,000			35,000,000
Dominican Republic: 1 centavo.	95 copper, 5 zinc and tin.	48	3,000,000			3,000,000
Mexico: 1 peso	902.7 silver, 97.3 copper.	417.81		1,250,000		1,250,000
Saudi Arabia: 1 riyal	916⅔ silver, 83⅓ copper.	180	10,000,000			10,000,000
Venezuela:						
¼ bolivar	835 silver, 165 copper	19.29		4,160,000		4,160,000
5 centimos	75 copper, 25 nickel	38.58		10,600,000		10,600,000
Total Venezuela				14,760,000		14,760,000
Grand total			57,950,000	16,010,000	2,410,000	76,370,000

Coinage by the United States mints for other countries during the calendar year 1949

Country and denomination	Composition	Gross weight per coin	Coinage by mint at—			
			Philadelphia	San Francisco	Denver	Total
		Grains	*Pieces*	*Pieces*	*Pieces*	*Pieces*
China: Dollar	880 silver, 120 copper	412	20,250,000	3,200,000	6,550,000	30,000,000
Cuba:						
20 centavos	900 silver, 100 copper	77.16	13,170,000			13,170,000
10 centavos	do	38.58	9,880,000			9,880,000
Total			23,050,000			23,050,000
Dominican Republic:						
1 centavo	95 copper, 5 zinc and tin.	48	3,000,000			3,000,000
Ethiopia:						
10 cents	95 copper, 5 zinc	94	16,000,000			16,000,000
5 cents	do	62	16,000,000			16,000,000
Total			32,000,000			32,000,000
Haiti:						
10 centimes	75 copper, 25 nickel	61.73	5,000,000			5,000,000
5 centimes	do	42.44	10,000,000			10,000,000
Total			15,000,000			15,000,000
Honduras:						
5 centavos	75 copper, 25 nickel	77.16	2,000,000			2,000,000
2 centavos	95 copper, 5 zinc and tin.	46.30	3,000,000			3,000,000
1 centavo	do	30.86	4,000,000			4,000,000
Total			9,000,000			9,000,000
Mexico: 1 peso	902.7 silver, 97.3 copper.	417.81		2,000,000		2,000,000
Saudi Arabia: 1 riyal	916⅔ silver, 83⅓ copper.	180	10,000,000			10,000,000
Venezuela:						
¼ bolivar	835 silver, 165 copper	19.29		8,637,944		8,637,944
12½ centimos	75 copper, 25 nickel	77.16		6,000,000		6,000,000
5 centimos	do	38.58		18,000,000		18,000,000
Total				32,637,944		32,637,944
Grand total			112,300,000	37,837,944	6,550,000	156,687,944

Summary of foreign coinage by United States mints, by year, through Dec. 31, 1949

Year	Number of pieces	Year	Number of pieces
1876–77	12,000,000	1923	4,369,000
1883–84	1,950,000	1924	12,663,196
1895	4,500,000	1925	13,461,000
1896	500,000	1926	14,987,000
1898	3,346,714	1927	3,650,000
1899	906,089	1928	16,701,000
1900	320,000	1929	34,980,000
1901	225,000	1930	3,300,120
1902		1931	4,498,020
1903	21,292,844	1932	9,756,096
1904	70,640,489	1933	15,240,000
1905	36,675,526	1934	24,280,000
1906	13,321,394	1935	109,600,850
1907	45,313,047	1936	32,350,000
1908	29,645,359	1937	26,800,000
1909	11,298,981	1938	48,579,644
1910	7,153,818	1939	15,725,000
1911	7,794,406	1940	33,170,000
1912	6,244,348	1941	208,603,500
1913	7,309,258	1942	307,737,000
1914	17,335,005	1943	186,682,000
1915	55,485,190	1944	788,498,000
1916	37,441,328	1945	r 1,802,376,008
1917	25,208,497	1946	504,528,000
1918	60,102,000	1947	277,376,094
1919	100,269,195	1948	21,950,000
1920	99,002,334	1949	156,687,944
1921	55,094,352		
1922	7,863,030	Total	[1] 5,416,787,676

r Revision.
[1] Total includes 67,156,381 planchets.

Summary of foreign coinage by United States mints, by countries, through Dec. 31, 1949

Country	Number of pieces produced	Country	Number of pieces produced
Argentina	64,058,334	Honduras	31,400,000
Australia	168,000,000	Indo China	135,270,000
Belgian Congo	25,000,000	Liberia	1,312,500
Belgium	25,000,000	Mexico	91,076,840
Bolivia	30,000,000	Netherlands	562,500,000
China	39,720,096	Netherlands East Indies	1,716,368,000
Colombia	133,461,872	Nicaragua	26,080,000
Costa Rica	9,123,803	Panama	20,624,880
Cuba	334,609,888	Peru	136,045,669
Curacao	12,000,000	Philippines	897,782,332
Dominican Republic	26,917,803	Poland	6,000,000
Ecuador	214,451,060	Saudi-Arabia	124,712,574
El Salvador	79,695,351	Siam	20,000,000
Ethiopia	170,433,730	Surinam	21,195,000
Fiji	4,800,000	Syria	7,000,000
France	50,000,000	Venezuela	207,262,944
Greenland	100,000		
Guatemala	7,835,000	Total (36 countries)	5,416,787,676
Haiti	15,000,000		
Hawaii (prior to United States accession)	1,950,000		

Price of silver in London 1949–50 [1]

Year and month	London price per ounce 0.999 fine [2]			Average monthly pound sterling exchange, New York on London [3]	United States equivalent of average monthly London price per ounce 0.999 fine
	Highest	Lowest	Average		
1949	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	42½	42½	42.5000	4.0313	0.71388
February	43½	42½	43.0000	4.0313	.72229
March	43½	43½	43.5000	4.0311	.73064
April	43½	43½	43.5000	4.0300	.73044
May	43½	43½	43.5000	4.0304	.73051
June	43½	43½	43.5000	4.0285	.73017
July	43½	43½	43.5000	4.0298	.73040
August	44½	43½	43.7273	4.0289	.73405
September	64	44½	52.2976	3.4436	.75039
October	64	63¼	63.8869	2.8009	.74559
November	64	64	64.0000	2.8008	.74688
December	64	64	64.0000	2.8007	.74685
Average	----------	----------	49.2427	3.6872	.75622
1950 [4]					
January	64	64	64.0000	2.8007	.74685
February	64	64	64.0000	2.8007	.74685
March	64	63	63.9565	2.8007	.74635
April	63	63	63.0000	2.8007	.73518
May	63½	63	63.4091	2.8007	.73996
June	63½	63½	63.5000	2.8007	.74102

[1] For annual prices 1833–1943, see Annual Report for 1944, p. 88; and for subsequent years, see each succeeding report.
[2] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.
[3] Averages of certified noon buying rates in New York for cable transfers.
[4] Average during U. S. Government fiscal year 1950, 59.4398 pence, United States equivalent $0.74253.

Price of silver in New York, 1947–50

Month	New York price per ounce 0.999 fine											
	1947			1948			1949			1950		
	Highest	Lowest	Average	Highest	Lowest	Average	Highest	Lowest	Average	Highest	Lowest	Average
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
January	0.83750	0.70750	0.76500	0.74625	0.74625	0.74625	0.70000	0.70000	0.70000	0.73250	0.73250	0.73250
February	.80250	.70750	.72329	.74625	.74625	.74625	.71500	.70000	.70803	.73250	.73250	.73250
March	.86250	.70875	.77339	.74625	.74625	.74625	.71500	.71500	.71500	.73250	.71750	.73098
April	.76000	.73750	.75653	.74625	.74625	.74625	.71500	.71500	.71500	.71750	.71750	.71750
May	.73750	.70750	.72512	.74625	.74625	.74625	.71500	.71500	.71500	.72750	.71750	.72614
June	.70750	.59750	.66810	.74625	.74625	.74625	.71500	.71500	.71500	.72750	.72750	.72750
July	.64750	.61750	.63568	.74625	.74625	.74625	.71750	.71750	.71750	-------	-------	-------
August	.69750	.61750	.65655	.74625	.72750	.73835	.73000	.71500	.71891	-------	-------	-------
September	.71375	.68750	.70601	.76500	.74750	.75345	.73250	.73000	.73214	-------	-------	-------
October	.74500	.71375	.71625	.77500	.74750	.77213	.73250	.73250	.73250	-------	-------	-------
November	.74625	.74625	.74625	.74750	.70000	.73566	.73250	.73250	.73250	-------	-------	-------
December	.74625	.74625	.74625	.70000	.70000	.70000	.73250	.73250	.73250	-------	-------	-------
Average [1]	-------	-------	.71820	-------	-------	.74361	-------	-------	.71930	-------	-------	-------

[1] Averages shown on table are for calendar years.
On a Government fiscal year basis averages are as follows:
Fiscal year 1947, $0.81538.
Fiscal year 1948, $0.72371.
Fiscal year 1949, $0.72616.
Fiscal year 1950, $0.72756.

Highest, lowest, and average price of silver per fine ounce in New York since 1874[1]

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1912	$0.65625	$0.55250	$0.62006
1875	1.26125	1.21000	1.23883	1913	.65125	.58000	.61241
1876	1.26000	1.03500	1.14950	1914	.60875	.49000	.56331
1877	1.26000	1.16000	1.19408	1915	.58000	.47750	.51062
1878	1.20750	1.08500	1.15429	1916	.79125	.57250	.67151
1879	1.16750	1.06500	1.12088	1917	1.16500	.73125	.84000
1880	1.15000	1.11250	1.13931	1918	1.01937	.88937	.98445
1881	1.14500	1.11000	1.12823	1919	1.38250	1.01375	1.12087
1882	1.15000	1.09000	1.13855	1920	1.37875	.60375	1.01940
1883	1.11750	1.09500	1.10874	1921	.73813	.53188	.63096
1884	1.13250	1.08000	1.11161	1922	.74188	.62875	.67994
1885	1.09500	1.02750	1.06428	1923	.69000	.62875	.65229
1886	1.03500	.92500	.99880	1924	.72375	.63000	.67111
1887	1.03500	.95000	.97899	1925	.73187	.66812	.69406
1888	.97750	.92000	.94300	1926	.68937	.51812	.62428
1889	.97250	.92500	.93634	1927	.60312	.54187	.56680
1890	1.20500	.95750	1.05329	1928	.63937	.56812	.58488
1891	1.07500	.94750	.99033	1929	.57812	.46812	.53306
1892	.95250	.83000	.87552	1930	.47187	.31062	.38466
1893	.85000	.65000	.78219	1931	.37562	.26062	.29013
1894	.70000	.59500	.64043	1932	.31312	.24562	.28204
1895	.69000	.60000	.66268	1933	.45312	.24812	.34997
1896	.70250	.65625	.68195	1934	.56062	.42062	.48283
1897	.66125	.52750	.60774	1935	.81312	.50062	.64582
1898	.62250	.55125	.59064	1936	.50062	.45062	.45999
1899	.64750	.58625	.60507	1937	.47062	.45062	.45195
1900	.65750	.59750	.62065	1938	.45062	.43062	.43537
1901	.64500	.54750	.59703	1939	.43062	.35062	.39395
1902	.56875	.47375	.52815	1940	.35937	.35062	.35085
1903	.62375	.47500	.54208	1941	.35437	.35062	.35095
1904	.62500	.53375	.57843	1942	.45062	.35437	.38645
1905	.66500	.55625	.61008	1943	.45062	.45062	.45062
1906	.72375	.63125	.67379	1944	.45062	.45062	.45062
1907	.71000	.52750	.65978	1945	.70750	.44750	.51928
1908	.58875	.48250	.53496	1946	.90125	.70750	.80151
1909	.54500	.50750	.52163	1947	.86250	.59750	.71820
1910	.57625	.50750	.54245	1948	.77500	.70000	.74361
1911	.57500	.52125	.54002	1949	.73250	.70000	.71930

[1] Quotations are asked prices 1874–1917; mean of bid and asked prices 1918–1944; "official" prices 1945 and thereafter.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837 [1]

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1860	$1.045	1883	$0.85754	1906	$0.52353	1928	$0.45237
1838	1.008	1861	1.031	1884	.85904	1907	.51164	1929	.41229
1839	1.023	1862	1.041	1885	.82379	1908	.41371	1930	.29751
1840	1.023	1863	1.040	1886	.76931	1909	.40231	1931	.22440
1841	1.018	1864	1.040	1887	.75755	1910	.41825	1932	.21814
1842	1.007	1865	1.035	1888	.72683	1911	.41709	1933	.27068
1843	1.003	1866	1.036	1889	.72325	1912	.47543	1934	.37344
1844	1.008	1867	1.027	1890	.80927	1913	.46760	1935	.49950
1845	1.004	1868	1.025	1891	.76416	1914	.42780	1936	.35113
1846	1.005	1869	1.024	1892	.67401	1915	.40135	1937	.34956
1847	1.011	1870	1.027	1893	.60351	1916	.53094	1938	.33673
1848	1.008	1871	1.025	1894	.49097	1917	.69242	1939	.30470
1849	1.013	1872	1.022	1895	.50587	1918	.76142	1940	.27136
1850	1.018	1873	1.00368	1896	.52257	1919	.86692	1941	.27144
1851	1.034	1874	.98909	1897	.46745	1920	.78844	1942	.29889
1852	1.025	1875	.96086	1898	.45640	1921	.48801	1943	.34853
1853	1.042	1876	.90039	1899	.46525	1922	.52543	1944	.34853
1854	1.042	1877	.92958	1900	.47958	1923	.50458	1945	.40163
1855	1.039	1878	.89222	1901	.46093	1924	.51906	1946	.61992
1856	1.039	1879	.86928	1902	.40835	1925	.53681	1947	.55548
1857	1.046	1880	.88564	1903	.41960	1926	.48284	1948	.57514
1858	1.039	1881	.87575	1904	.44763	1927	.43838	1949	.55689
1859	1.052	1882	.87833	1905	.47200				

[1] Based upon asked prices through 1917; mean of bid and asked prices 1918–44; New York "official" prices 1945 and thereafter.

Average commercial ratio of silver to gold each calendar year since 1837 [1]

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1837	15.83	1860	15.29	1883	18.64	1906	30.54	1928	35.34
1838	15.85	1861	15.50	1884	18.61	1907	31.24	1929	38.78
1839	15.62	1862	15.35	1885	19.41	1908	38.64	1930	53.74
1840	15.62	1863	15.37	1886	20.78	1909	39.74	1931	71.25
1841	15.70	1864	15.37	1887	21.10	1910	38.22	1932	73.29
1842	15.87	1865	15.44	1888	22.00	1911	38.33	1933	59.06
1843	15.93	1866	15.43	1889	22.10	1912	33.62	1934	72.49
1844	15.85	1867	15.57	1890	19.75	1913	34.19	1935	54.19
1845	15.92	1868	15.59	1891	20.92	1914	37.37	1936	77.09
1846	15.90	1869	15.60	1892	23.72	1915	40.48	1937	77.44
1847	15.80	1870	15.57	1893	26.49	1916	30.78	1938	80.39
1848	15.85	1871	15.57	1894	32.56	1917	24.61	1939	88.84
1849	15.78	1872	15.63	1895	31.60	1918	21.00	1940	99.76
1850	15.70	1873	15.93	1896	30.59	1919	18.44	1941	99.73
1851	15.46	1874	16.16	1897	34.20	1920	20.28	1942	90.57
1852	15.59	1875	16.64	1898	35.03	1921	32.76	1943	77.67
1853	15.33	1876	17.75	1899	34.36	1922	30.43	1944	77.67
1854	15.33	1877	17.20	1900	33.33	1923	31.69	1945	67.40
1855	15.38	1878	17.92	1901	34.68	1924	30.80	1946	43.67
1856	15.38	1879	18.39	1902	39.15	1925	29.78	1947	48.73
1857	15.27	1880	18.05	1903	38.10	1926	33.11	1948	47.07
1858	15.38	1881	18.25	1904	35.70	1927	36.47	1949	48.61
1859	15.19	1882	18.20	1905	33.87				

[1] For ratios from 1687–1836, see p. 91 of the 1944 Annual Report. Ratios shown above from 1837–1878 inclusive are from Pixley and Abell's tables. Ratios since 1878 are based upon the price of gold at $20.67+ per fine ounce until 1934 and at $35 per fine ounce thereafter; and upon the prices of silver as shown in the preceding table titled "Highest, lowest, and average price of silver per fine ounce in New York since 1874."

Summary of total United States exports and imports of gold and silver during the fiscal year 1950 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion	$79,000	$33,197,384	----------	$24,612,022
Refined bullion	67,120,570	701,156,883	$846,350	37,845,462
United States coin	269	----------	507,655	1,785,356
Foreign coin	4,223,525	883	15,294,522	8,732,009
Total	71,423,364	734,355,150	16,648,527	72,974,849

[1] Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

Summary of total United States exports and imports of gold and silver during the calendar year 1949 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Ore and base bullion	$97,070	$36,160,075	----------	$22,566,164
Refined bullion	80,644,060	735,209,711	$2,180,010	45,656,380
United States coin	269	6,500	1,142,405	1,292,798
Foreign coin	4,194,279	13,975	19,958,628	4,020,352
Total	84,935,678	771,390,261	23,281,043	73,535,694

[1] Data compiled by the U. S. Department of Commerce, Bureau of the Census, Foreign Trade Division.

WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

Tables include the following:

1. Gold and silver monetary stocks of principal countries of the world at end of calendar year 1949.
2. Coinage of nations during the year ended December 31, 1949.
3. Mints of the world in operation during the year ended December 31, 1949.
4. Coins withdrawn from active circulation in various countries of the world during the year ended December 31, 1949.
5. Gold and silver in the form of old plate, jewelry, and other old material returned from use in the industrial arts by being deposited with the monetary authority in various countries of the world during the year ended December 31, 1949.
6. Estimated quantity of gold and silver used in the industrial arts in various countries of the world during the year ended December 31, 1949.
7. Characteristics of coins in circulation at end of December 1949.
8. World production of gold, 1944–49, by countries, in fine ounces (compiled by the Bureau of Mines, U. S. Department of Interior).
9. World production of silver, 1944–49, by countries, in fine ounces (compiled by the Bureau of Mines, U. S. Department of Interior).
10. Coinage of nations during the year ended December 31, 1948 (part).

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Gold and silver monetary stocks of principal countries of the world at end of calendar year 1949 (subject to revision)

[Gold reported on quantity basis, in troy ounces, grams, or kilograms and converted to United States money at rate of $35 per fine ounce (1 United States dollar is legally defined as 15 5/21 grains of gold 9/10 fine). Silver reported face amount converted to United States money at exchange rate, or reported quantity valued at New York average market rate for December 1949, $0.7325 per ounce 999/1000 fine]

Country	Monetary unit	Exchange rate—average for December 1949 (New York rate if certified)	Gold bullion and coin held by Government agencies		Silver bullion and coin—U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation including coin in commercial banks (000 omitted)	Total silver (000 omitted)
United States	Dollar	$1.00000	701,807	$24,563,253	$2,097,678	$333,278	$1,153,171	$3,584,127
Afghanistan	Afghani	.05952	[1] 1,143	[1] 40,000	7,611			7,611
Algeria and Tunisia	Franc	.00286	168	5,892				
Australia [2]	Pound	3.21220	2,517	88,102	5,685	13,169	83,128	101,982
Austria	Schilling	.07027	1,456	50,944				
Belgian Congo	Franc	.02000	637	22,295			357	357
Belgium	do	.02000	19,997	699,880	3,702	4,155	17,005	24,862
Bolivia	Boliviano	.02381	[3] 686	[3] 24,003	4	52		56
Brazil	Cruzeiro	.05441	9,053	316,843				
British East Africa	Shilling	.14003				2,760	18,292	21,052
British Guiana	Dollar	.58348				278	1,274	1,552
British Honduras	do	.70017					105	105
British Malaya	do	.32675				108	7,917	8,025
British West Indies:								
Barbados	do	.58348					258	258
Jamaica	Pound	2.80070					[4] 930	[4] 930
Trinidad and Tobago	Dollar	.58348				86	314	400
Canada	do	.90909	14,223	497,810	672	130	61,574	62,376
Chile	Peso	.03226	1,141	39,933				
Colombia	do	.51282	1,474	51,590			10,220	10,220
Costa Rica	Colon	.17857	58	2,029				
Cuba	Peso	1.00000	8,535	298,719		[5] 85,146	[5] 8,322	[5] 93,468
Cyprus	Pound	2.80070					1,148	1,148
Denmark	Krone	.14494	900	31,508				
Dominican Republic	Peso or dollar	1.00000	115	4,030		[5] 1	[5] 1,349	[5] 1,350
Ecuador	Sucre	.07407	590	20,641	198	879	1,134	2,211
Egypt and Anglo-Egyptian Sudan	Pound	2.87470	1,525	53,361			[1] 16,880	[1] 16,880
El Salvador	Colon	.40000	494	17,281		[5] 171	[5] 1,149	[5] 1,320

Ethiopia	Dollar	.40323	72	2,513	3,734		10,150	13,884
Fiji	Pound	2.52315				74	570	644
Finland	Markka	.00437	173	6,053				
France	Franc	(free) .00286	[1] 15,543	[1] 544,000	3,175			3,175
Germany	Reichsmark				1,535	4,101		5,636
Greece	Drachma	.00020	183	6,390				
Guatemala	Quetzal	1.00000	778	27,229	1	28	3,157	3,186
Haiti	Gourde	.20000	76	2,649		[5] 30	[5] 20	[5] 50
Honduras	Lempira	.50000	2	64		[5] 4,600	[5] 8,004	[5] 12,604
Hungary	Florin or forint	.08584	1,169	40,913			([6])	([6])
Iceland	Krona	.01732	29	1,016				
India	Rupee	.20870	7,066	247,298	([6])	([6])	([6])	([6])
Indonesia [1]	Guilder or florin	.26350	5,081	178,000	147	8,668	48,004	56,819
Iran [7]	Rial	.03125	3,980	139,295	3,378	801	5,550	9,729
Iraq	Dinar	2.80000				439	2,533	2,972
Ireland	Pound	2.80125	499	17,448		410	7,241	7,651
Italy	Lira	.00160	7,371	258,001	16,649	3,142		19,791
Japan	Yen	.00278	[8] 110	[8] 3,846	[9] 5,080			[9] 5,080
Lebanon	Pound	.45631	554	19,391			324	324
Liberia	Dollar	1.00000					[5] 2,000	[5] 2,000
Luxembourg	Franc	.02000	78	2,735		44	296	340
Mexico	Peso	.11572	1,490	52,165	26,995	5,107	22,854	54,956
Morocco	Franc	.00286	306	10,716	164			164
Netherlands	Guilder or florin	.26289	5,605	196,177	11,171	5,966	32,025	49,162
Netherlands Guiana (Surinam)	do	.53026	40	1,414	1	1,378	1,202	2,581
Netherlands West Indies	do	.53026	560	19,589		272	775	1,047
New Zealand	Pound	2.77290	763	26,688		344	13,271	13,615
Nicaragua	Cordoba	.20000	79	2,757		27	76	103
Norway	Krone	.14015	1,469	51,409				
Pakistan	Rupee	.30303	776	27,175				
Panama	Balboa	1.00000	([10])	10		[5] 244	[5] 1,000	[5] 1,244
Paraguay	Guarani	.32690	6	194				
Peru	Sol	.06165	801	28,038		1	1	2
Philippines	Peso	.49687	39	1,361	13	16,679	33,745	50,437
Portugal	Escudo	.03482	5,078	177,740	127	535	9,817	10,479
Portuguese East Africa (Mozambique)	do	.03465	303	10,593			1,160	1,160
Sarawak	Dollar	.32667					50	50
Southern Rhodesia [11]	Pound	2.80070					2,038	2,038
Spain	Peseta	.09132	2,440	85,387		45,402		45,402
Sweden	Krona	.19333	1,998	69,931		1,245	39,913	41,158
Switzerland	Franc	.23289	42,973	1,504,044	966	7,220	60,784	68,970
Syria	Pound	.45641	82	2,870			1,141	1,141
Thailand (Siam)	Baht	.08321	3,377	118,184	18	90	1,114	1,222
Turkey	Pound	.35714	4,405	154,182	2,111	5,824	9,078	17,013
Union of South Africa	do	2.78380	3,679	128,771	541	1,100	24,776	26,417
United Kingdom	do	2.80070	([12])	([12])	([6])	[13] 14,564	[13] 403,301	[13] 417,865
Uruguay	Peso	.65833	5,093	178,265		11,467	6,703	18,170
Venezuela	Bolivar	.29851	[14] 10,973	[14] 384,066		5,059	38,149	43,208

See footnotes at end of table.

Gold and silver monetary stocks of principal countries of the world at end of calendar year 1949 (subject to revision)—Continued

Country	Monetary unit	Exchange rate—average for December 1949 (New York rate if certified)	Gold bullion and coin held by Government agencies		Silver bullion and coin—U. S. dollar value			
			Number of fine troy ounces (000 omitted)	U. S. dollar value (000 omitted)	Bullion held by Government agencies (000 omitted)	Coin held by Government agencies (000 omitted)	Coin (estimated) in circulation including coin in commercial banks (000 omitted)	Total silver (000 omitted)
Other countries [15]			52,959	$1,853,357				
Bank for International Settlements			1,955	68,416				
International Monetary Fund			41,447	1,450,633				
Total [16]			1,001,531	35,053,414	$2,238,821	$585,074	$2,175,349	$4,999,244

[1] Approximate.
[2] January 1949.
[3] Includes holdings of commercial and development banks which are partly estimated.
[4] Amount in commercial banks. Amount in circulation not available.
[5] Includes United States silver subsidiary coin which also circulates.
[6] Data not available.
[7] March 1949.
[8] In addition, the Allied Occupation Forces held in custody 3,552,000 fine ounces of gold valued at $124,327,000, of which 1,075,000 fine ounces valued at $37,627,000 were earmarked for governments other than Japan (included in total).
[9] In addition, the Allied Occupation Forces held in custody 64,845,000 fine ounces of silver valued at $47,465,000 (included in total).
[10] Unrounded ounces, 285.
[11] Southern Rhodesia coins also circulate in Northern Rhodesia and Nyasaland.
[12] Gold holdings included under "Other countries."
[13] Includes cupro-nickel coins which were first minted during the latter part of 1946, and first issued on Jan. 2, 1947.
[14] Includes gold holdings of commercial banks.
[15] Includes gold holdings (partly estimated) for Argentina, Bulgaria, Czechoslovakia, Poland, Tangier, Rumania, United Kingdom, Yugoslavia, and gold not yet delivered by the Tripartite Commission for Restitution of Monetary Gold.
[16] No estimates included for countries not specified.

Coinage of nations during the year ended Dec. 31, 1949

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
United States	Half dollar	13,514,612	6,757,306.00	dollars	900 silver, 100 copper.
	Quarter dollar	19,380,400	4,845,100.00	dollars	Do.
	Dime	70,484,000	7,048,400.00	dollars	Do.
	5 cents	106,866,000	5,343,300.00	dollars	75 copper, 25 nickel.
	1 cent	435,197,500	4,351,975.00	dollars	95 copper, 5 zinc and tin.
Total		645,442,512	28,346,081.00	dollars	
Algeria	50 francs	1,329,500	66,475,000.00	francs	Cupro-nickel.
	20 francs	17,731,200	354,624,000.00	francs	Do.
Total		19,060,700	421,099,000.00	francs	
Austria	1 shilling	3,889,000	3,889,000.00	schillings	98.5 aluminum, 1.5 manganese.
	50 groschen	3,813,000	1,906,500.00	schillings	Do.
	10 groschen	58,181,000	5,818,100.00	schillings	Zinc.
	5 groschen	6,719,000	335,950.00	schillings	Do.
	1 groschen	7,712,000	77,120.00	schillings	Do.
	Maria-Theresia Taler.	3,296	(Trade coin)		Silver, 833⅓ fine.
Total		80,317,296	12,026,670.00	schillings	(excluding trade coins).
Belgium	100 francs	2,377,000	237,700,000.00	francs	835 silver, 165 copper.
	50 francs	2,894,000	144,700,000.00	francs	Do.
	20 francs	10,145,000	202,900,000.00	francs	Do.
	5 francs	67,552,000	337,760,000.00	francs	75 copper, 25 nickel.
Total		82,968,000	923,060,000.00	francs	
Bolivia	50 centavos	677,275	338,637.50	bolivianos	95 copper, 5 zinc.
Brazil	2 cruzeiros	5,626,000	11,252,000.00	cruzeiros	90 copper, 8 aluminum, 2 zinc.
	1 cruzeiro	7,889,000	7,889,000.00	cruzeiros	Do.
	50 centavos	5,696,000	2,848,000.00	cruzeiros	Do.
	20 centavos	124,025,000	24,805,000.00	cruzeiros	Do.
	10 centavos	217,630,000	21,763,000.00	cruzeiros	Do.
Total		360,866,000	68,557,000.00	cruzeiros	
British East Africa.	1 shilling	38,318,396	38,318,396.00	shillings	75 copper, 25 nickel.
	50 cents	12,963,750	6,481,875.00	shillings	Do.
	10 cents	4,000,000	400,000.00	shillings	95.5 copper, 3 tin, 1.5 zinc.
	1 cent	4,000,000	40,000.00	shillings	Do.
Total		59,282,146	45,240,271.00	shillings	
British Honduras	5 cents	40,000	2,000.00	B. H. dollars	79 copper, 20 zinc, 1 nickel.
	1 cent	100,000	1,000.00	B. H. dollars	95.5 copper, 3 tin, 1.5 zinc.
Total		140,000	3,000.00	B. H. dollars	
British West Africa.	1 shilling	70,000,000	3,500,000–0–0	pounds	79 copper, 20 zinc, 1 nickel.
Burma	½ rupee	2,777,521	1,388,760.00	rupees	Nickel.
	¼ rupee	5,024,456	1,256,114.00	rupees	Do.
	2 annas	2,400,000	300,000.00	rupees	75 copper, 25 nickel.
	1 anna	7,050,000	440,625.00	rupees	Do.
Total		17,251,977	3,385,499.00	rupees	
Canada	1 dollar	631,500	631,500.00	dollars	800 silver, 200 copper.
	50 cents	858,991	429,495.50	dollars	Do.
	25 cents	7,988,830	1,997,207.50	dollars	Do.
	10 cents	11,335,652	1,133,565.20	dollars	Do.
	5 cents	13,037,090	651,854.50	dollars	Pure nickel.
	1 cent	33,128,933	331,289.33	dollars	98 copper, 1.5 zinc, 0.5 tin.
Total		66,980,996	5,174,912.03	dollars	

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
Cape Verde	1 escudo	500,000	500,000.00	escudos	61 copper, 20 zinc, 19 nickel.
	50 centavos	1,000,000	500,000.00	escudos	Do.
Total		1,500,000	1,000,000.00	escudos	
Chile	1 peso	7,100,000	7,100,000.00	pesos	95.5 copper, 3 tin, 1.5 zinc.
	20 centavos	14,700,000	2,940,000.00	pesos	Do.
Total		21,800,000	10,040,000.00	pesos	
China	1 dollar	43,231,697	43,231,697.00	C. dollars	880 silver, 120 copper.
Colombia	20 centavos	402,500	80,500.00	pesos	500 silver, 400 copper, 50 zinc, 50 nickel.
	10 centavos	5,922,500	592,250.00	pesos	Do.
	5 centavos	2,750,000	137,500.00	pesos	75 copper, 25 nickel.
	2 centavos	1,277,500	25,550.00	pesos	95 copper, 5 nickel.
	1 centavos	4,225,000	42,250.00	pesos	Do.
Total		14,577,500	878,050.00	pesos	
Costa Rica	1 colon	1,050,000	1,050,000.00	centimos	75 copper, 25 nickel.
	50 centimos	3,600,000	1,800,000.00	centimos	Do.
	25 centimos	8,800,000	2,200,000.00	centimos	95 copper, 4 zinc, 1 tin.
	10 centimos	290,000	29,000.00	centimos	Do.
Total		13,740,000	5,079,000.00	centimos	
Cuba	20 centavos	13,170,000	2,634,000.00	pesos	900 silver, 100 copper.
	10 centavos	9,880,000	988,000.00	pesos	Do.
Total		23,050,000	3,622,000.00	pesos	
Cyprus	2 shillings	720,000	72,000–0–0	pounds	75 copper, 25 nickel.
	1 shilling	1,440,000	72,000–0–0	pounds	Do.
	1 piastre	1,080,000	6,000–0–0	pounds	95.5 copper, 3 tin, 1.5 zinc.
	½ piastre	1,080,000	3,000–0–0	pounds	Do.
Total		4,320,000	153,000–0–0	pounds	
Denmark	2 kroner	493,501	987,002.00	kroner	92 copper, 6 aluminum, 42 nickel.
	1 krone	1,285,103	1,285,103.00	kroner	Do.
	25 øre	8,296,538	2,074,134.50	kroner	75 copper, 25 nickel.
	10 øre	6,867,649	686,764.90	kroner	Do.
	2 øre	1,350,758	27,015.16	kroner	Zinc.
	1 øre	1,271,268	12,712.68	kroner	Do.
Total		19,564,817	5,072,732.24	kroner	
Dominican Republic	1 cent	3,000,000	30,000.00	R. D. dollars	95 copper, 5 zinc, and tin.
Ethiopia	10 cents	16,000,000	1,600,000.00	E. dollars	95 copper, 5 zinc.
	5 cents	16,000,000	800,000.00	E. dollars	Do.
Total		32,000,000	2,400,000.00	E. dollars	
Fiji	Penny	120,000	500–0–0	pounds	75 copper, 25 nickel.
	Halfpenny	96,000	200–0–0	pounds	Do.
Total		216,000	700–0–0	pounds	
Finland	5 markkaa	11,014,000	55,070,000.00	markkaa	72 copper, 26 zinc, 2 aluminum.
	1 markka	17,358,000	17,358,000.00	markkaa	Iron.
Total		28,372,000	72,428,000.00	markkaa	

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
France	10 francs	141,314,500	1,413,145,000.00	francs	75 copper, 25 nickel.
	5 francs	251,665,600	1,258,328,000.00	francs	Aluminum.
	2 francs	37,638,500	75,277,000.00	francs	Do.
	1 franc	76,930,000	76,930,000.00	francs	Do.
Total		507,548,600	2,823,680,000.00	francs	
French Cameroun	2 francs	5,000,000	10,000,000.00	francs	Do.
	1 franc	8,000,000	8,000,000.00	francs	Do.
Total		13,000,000	18,000,000 00	francs	
French Equatorial Africa	2 francs	5,040,000	10,080,000.00	francs	Do.
	1 franc	12,706,000	12,706,000.00	francs	Do.
Total		17,746,000	22,786,000.00	francs	
Germany	10 pfennig	359,409,112	35,940,911.20	deutschemark.	Iron kernel with tombak plating on both sides.
	5 pfennig	148,120,000	7,406,000.00	deutschemark.	Do.
	1 pfennig	402,997,362	4,029,973.62	deutschemark.	Iron kernel with copper plating on both sides.
Total		910,526,474	47,376,884.82	deutschemark.	
Greenland	1 krone	34,982	34,982.00	kroner	92 copper, 6 aluminum, 2 nickel.
	50 Ører	26,837	13,418.50	kroner	Do.
	25 Ører	45,365	11,341.25	kroner	75 copper, 25 nickel.
Total		107,184	59,741.75	kroner	
Guatemala	25 centavos	25,020	6,255.00	quetzales	720 silver, 280 copper.
	10 centavos	425,381	42,538.10	quetzales	Do.
	5 centavos	855,911	42,795.55	quetzales	Do.
	1 centavo	2,113,047	21,130.47	quetzales	70 copper, 30 zinc.
Total		3,419,359	112,719.12	quetzales	
Haiti	10 centimes	5,000,000	500,000.00	francs	75 copper, 25 nickel.
	5 centimes	10,000,000	500,000.00	francs	Do.
Total		15,000,000	1,000,000.00	francs	
Honduras	5 centavos	2,000,000	100,000.00	lempiras	Do.
	2 centavos	3,000,000	60,000.00	lempiras	95 copper, 5 zinc and tin.
	1 centavo	4,000,000	40,000.00	lempiras	Do.
Total		9,000,000	200,000.00	lempiras	
Hong Kong	10 cents	33,250,000	3,325,000.00	H. K. dollars	79 copper, 20 zinc, 1 nickel.
	5 cents	14,600,000	730,000.00	H. K. dollars	Do.
Total		47,850,000	4,055,000.00	H. K. dollars	
India [1]	1 rupee	36,156,000	36,156,000-0-0	rupees	Pure nickel.
	½ rupee	24,220,000	12,110,000-0-0	rupees	Do.
	¼ rupee	30,600,000	7,650,000-0-0	rupees	Do.
	2 annas	29,664,000	3,708,000-0-0	rupees	75 copper, 25 nickel.
	1 anna	42,352,000	2,647,000-0-0	rupees	Do.
	½ anna	49,312,000	1,541,000-0-0	rupees	Do.
	Single pice	92,224,000	1,441,000-0-0	rupees	97 copper, 2.5 zinc, 0.5 tin.
Total [1]		304,528,000	65,253,000-0-0	rupees	

See footnote at end of table.

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Iran (year ending Mar. 21, 1949).	1 pahlavi [2]	20,000	2,671,309.00 rials	900 gold, 100 silver or copper.
	½ pahlavi [2]	36,000	9,616,714.00 rials	Do.
	5 rials	836,000	4,180,000.00 rials	600 silver, 400 copper.
	2 rials	3,140,000	6,280,000.00 rials	Do.
	1 rial	5,795,000	5,795,000.00 rials	Do.
Total		9,827,000	28,543,023.00 rials	
Ireland	Sixpence	600,000	15,000–0–0 pounds	75 copper, 25 nickel.
	Threepence	1,200,000	15,000–0–0 pounds	Do.
	Penny	4,080,000	17,000–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
	Halfpenny	1,344,000	2,800–0–0 pounds	Do.
	Farthing	192,000	200–0–0 pounds	Do.
Total		7,416,000	50,000–0–0 pounds	
Japan	5 yen	279,940,000	1,399,700,000.00 yen	60–70 copper, 40–30 zinc.
	1 yen	263,903,000	263,903,000.00 yen	Do.
Total		543,843,000	1,663,603,000.00 yen	
Jersey	Penny	240,000	1,000–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
Luxembourg	5 francs	2,000,000	10,000,000.00 francs	75 copper, 25 nickel.
Madagascar	2 francs	172,500	345,000.00 francs	Aluminum.
	1 franc	6,539,000	6,539,000.00 francs	Do.
Total		6,711,500	6,884,000.00 francs	
Malaya	20 cents	5,333,262	1,066,652.00 M. dollars	75 copper, 25 nickel.
	10 cents	20,177,849	2,017,785.00 M. dollars	Do.
	5 cents	8,264,471	413,223.00 M. dollars	Do.
Total		33,775,582	3,497,660.00 M. dollars	
Mauritius	2 cents	250,000	5,000.00 rupees	95.5 copper, 3 tin, 1.5 zinc.
	1 cent	500,000	5,000.00 rupees	Do.
Total		750,000	10,000.00 rupees	
Mexico	1 peso	2,000,000	2,000,000.00 pesos	902.7 silver, 97.3 copper.
	1 peso	4,000,000	4,000,000.00 pesos	500 silver, 400 copper, 60 nickel, 40 zinc.
	1 centavo	62,350	623.50 pesos	95 copper, 4 zinc, 1 tin.
Total		6,062,350	6,000,623.50 pesos	
Muscat	½ thaler	100,000	(Trade coin)	
Netherlands	25 cents	27,400,000	6,850,000.00 florin	833⅓ silver, 166⅔ copper.
	10 cents	69,200,000	6,920,000.00 florin	Pure nickel.
	5 cents	22,000,000	1,100,000.00 florin	Do.
	1 cent	93,000,000	930,000.00 florin	95 copper, 4 tin, 1 zinc.
Total		211,600,000	15,800,000.00 florin	Do.
New Zealand	Half crown	2,800,000	350,000–0–0 pounds	75 copper, 25 nickel.
	Florin	3,500,000	350,000–0–0 pounds	Do.
	Penny	2,016,000	8,400–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
	Halfpenny	1,766,400	3,680–0–0 pounds	Do.
Total		10,082,400	712,080–0–0 pounds	

See footnote at end of table.

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
Norway	1 krone	6,940,000	6,940,000.00	kronor	75 copper, 25 nickel.
	50 øre	1,580,000	790,000.00	kronor	Do.
	25 øre	2,600,000	650,000.00	kronor	Do.
	10 øre	9,450,000	945,000.00	kronor	Do.
	2 øre	1,455,000	29,100.00	kronor	95 copper, 4 tin, 1 zinc.
	1 øre	3,480,000	34,800.00	kronor	Do.
Total		25,505,000	9,388,900.00	kronor	
Pakistan [1]	1 rupee	36,000,000	36,000,000–0–0	rupees	Pure nickel.
	½ rupee	20,300,000	10,150,000–0–0	rupees	Do.
	¼ rupee	46,000,000	11,500,000–0–0	rupees	Do.
	2 annas	19,716,000	2,464,000–0–0	rupees	75 copper, 25 nickel.
	1 anna	11,136,000	696,000–0–0	rupees	Do.
	½ anna	5,158,715	161,209–13–6	rupees	Do.
	Single pice	14,553,696	227,401–8–0	rupees	97 copper, 2.5 zinc, 0.5 tin.
Total		152,864,411	61,198,611–5–6	rupees	
Peru [3]	1 sol	751,252	751,252.00	soles	70 copper, 30 zinc.
	½ sol	419,669	209,834.50	soles	Do.
	20 centavos	2,709,066	541,813.20	soles	Do.
	10 centavos	4,730,110	473,011.00	soles	Do.
	5 centavos	5,550,307	277,515.35	soles	Do.
	2 centavos	937,625	18,752.50	soles	95 copper, 5 zinc.
	1 centavo	1,104,123	11,041.23	soles	Do.
Total		16,202,152	2,283,219.78	soles	
Portugal	10 escudos	1,452	14,520.00	escudos	835 silver, 165 copper.
	5 escudos	2,164	10,820.00	escudos	650 silver, 350 copper.
	20 centavos	10,760,000	2,152,000.00	escudos	95 copper, 3 zinc, 2 tin.
	10 centavos	15,240,000	1,524,000.00	escudos	Do.
Total		26,003,616	3,701,340.00	escudos	
Portuguese East Africa (Mozambique).	5 escudos	2,000,000	10,000,000.00	escudos	650 silver, 350 copper.
	20 centavos	4,400,000	880,000.00	escudos	95 copper, 3 zinc, 2 tin.
Total		6,400,000	10,880,000.00	escudos	
Portuguese West Africa (Angola).	50 centavos	156,000	78,000.00	angolares	61 copper, 20 zinc, 19 nickel.
	20 centavos	2,150,000	430,000.00	angolares	95 copper, 3 zinc, 2 tin.
	10 centavos	10,000,000	1,000,000.00	angolares	Do.
Total		12,306,000	1,508,000.00	angolares	
Reunion	2 francs	2,000,000	4,000,000.00	francs	Aluminum.
	1 franc	2,285,000	2,285,000.00	francs	Do.
Total		4,285,000	6,285,000.00	francs	
Saudi Arabia	1 riyal	60,000,000	60,000,000.00	riyals	916⅔ silver, 83⅓ copper.
Somalis	5 francs	500,000	2,500,000.00	francs	Aluminum.
	2 francs	200,000	400,000.00	francs	Do.
	1 franc	200,000	200,000.00	francs	Do.
Total		900,000	3,100,000.00	francs	

See footnotes at end of table.

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
Southern Rhodesia.[4]	Half crown	1,600,000	200,000–0–0	pounds	75 copper, 25 nickel.
	Florin	2,000,000	200,000–0–0	pounds	Do.
	Shilling	4,000,000	200,000–0–0	pounds	Do.
	Sixpence	2,000,000	50,000–0–0	pounds	Do.
	Threepence	4,000,000	50,000–0–0	pounds	Do.
	Penny	1,440,000	6,000–0–0	pounds	95.5 copper, 3 tin, 1.5 zinc.
Total		15,040,000	706,000–0–0	pounds	
Spain	5 pesetas	612,000	3,060,000.00	pesetas	Pure nickel.
	1 peseta	27,600,000	27,600,000.00	pesetas	90 copper, 10 aluminum.
Total		28,212,000	30,660,000.00	pesetas	
Sweden	2 kronor	331,715	663,430.00	kronor	400 silver, 500 copper, 50 nickel, 50 zinc.
	1 krona	7,981,162	7,981,162.00	kronor	Do.
	50 ore	1,883,100	941,550.00	kronor	Do.
	25 ore	5,303,140	1,325,785.00	kronor	Do.
	10 ore	12,044,000	1,204,400.00	kronor	Do.
	5 ore	7,644,040	382,202.00	kronor	Iron.
	2 ore	10,302,500	206,050.00	kronor	Do.
	1 ore	11,778,900	117,789.00	kronor	Do.
Total		57,268,557	12,822,368.00	kronor	
Switzerland	20 francs [5]	10,000,000	200,000,000.00	francs	900 silver, 100 copper.
	5 francs	406,665	2,033,325.00	francs	835 silver, 165 copper.
	10 centimes	2,268,900	226,890.00	francs	75 copper, 25 nickel.
	5 centimes	5,298,700	264,935.00	francs	Do.
	1 centime	10,200,000	102,000.00	francs	95 copper, 4 tin, 1 zinc.
Total		28,174,265	202,627,150.00	francs	
Thailand (Siam)	25 satang	7,472,000	1,868,000.00	baht	90 tin, 10 copper.
	10 satang	6,520,000	652,000.00	baht	Do.
	5 satang	60,000	3,000.00	baht	Do.
Total		14,052,000	2,523,000.00	baht	
Tunisia	Pieces of gold	33			{Pieces do not indicate value.
	Pieces of silver	53			
	Pieces of silver	1,103			
Turkey	50 kurus	1,792,000	896,000.00	T. pounds	600 silver, 400 copper.
	25 kurus	21,600,000	5,400,000.00	T. pounds	70 copper, 30 zinc.
	10 kurus	27,000,000	2,700,000.00	T. pounds	Do.
	5 kurus	4,500,000	225,000.00	T. pounds	Do.
	2½ kurus	15,720,000	393,000.00	T. pounds	Do.
	1 kuru	29,530,000	295,300.00	T. pounds	Do.
Total		100,142,000	9,909,300.00	T. pounds	
Union of South Africa.	Crown	537,841	134,460–5–0	pounds	800 silver, 200 copper.
	Half crown	2,711	338–17–6	pounds	Do.
	Florin	203,953	20,395–6–0	pounds	Do.
	1 shilling	800	40–0–0	pounds	Do.
	Sixpence	197,108	4,927–14–0	pounds	Do.
	Threepence	1,904,995	23,812–8–9	pounds	Do.
	Penny	3,633,591	15,139–19–3	pounds	Do.
	Halfpenny	1,850,001	3,854–2–6½	pounds	95 copper, 4.5 zinc, 0.5 tin.
	Farthing	3,567,627	3,716–5–6¾	pounds	Do.
Total		11,898,627	206,684–18–7¼	pounds	Do.

See footnotes at end of table.

Coinage of nations during the year ended Dec. 31, 1949—Continued

[So far as reported to the Director of the United States Mint]

[See also tables "Characteristics of coins in circulation" for further description]

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country		Composition
United Kingdom	Sovereign	138,000	138,000–0–0	pounds	916⅔ gold, 83⅓ copper.
	Half-crown	28,272,512	3,534,064–0–0	pounds	75 copper, 25 nickel.
	Florin	28,614,939	2,861,494–0–0	pounds	Do.
	Shilling	40,571,479	2,028,573–0–0	pounds	Do.
	Sixpence	41,355,515	1,033,888–0–0	pounds	Do.
	Threepence	464,000	5,800–0–0	pounds	79 copper, 20 zinc, 1 nickel.
	Penny	14,324,400	59,685–0–0	pounds	95.5 copper, 3 tin, 1.5 zinc.
	Halfpenny	24,744,000	51,550–0–0	pounds	Do.
	Farthing	8,424,000	8,775–0–0	pounds	Do.
	Maundy money [6]				
	Fourpence	1,503	25–0–0	pounds	925 silver, 75 copper.
	Threepence	1,395	17–0–0	pounds	Do.
	Twopence	1,395	12–0–0	pounds	Do.
	Penny	1,407	6–0–0	pounds	Do.
Total		186,914,545	9,721,889–0–0	pounds	
Uruguay	5 centesimos	2,040,000	102,000.00	pesos	95.5 copper, 3 tin, 1.5 zinc.
	2 centesimos	5,150,000	103,000.00	pesos	Do.
Total		7,190,000	205,000.00	pesos	
Vatican City [7]	100 Vatican lire	1,000	100,000.00	Vatican lire	Gold, 900 fineness.
	10 Vatican lire	60,000	600,000.00	Vatican lire	Aluminum, magnesium, manganese.
	5 Vatican lire	74,000	370,000.00	Vatican lire	Do.
	2 Vatican lire	10,000	20,000.00	Vatican lire	Do.
	1 Vatican lira	10,000	10,000.00	Vatican lire	Do.
Total		155,000	1,100,000.00	Vatican lire	
Venezuela	¼ bolivar	8,637,944	2,159,486.00	bolivares	835 silver, 165 copper.
	12½ centimos	6,000,000	750,000.00	bolivares	75 copper, 25 nickel.
	5 centimos	18,000,000	900,000.00	bolivares	Do.
Total		32,637,944	3,809,486.00	bolivares	

[1] The Indian and Pakistan rupee is divided into 16 annas, the anna into 4 pice, and the pice into 3 pies.

[2] The official value of the pahlavi of Iran equals 267.1 rials in 1949.

[3] The 1-sol and ½-sol denominations of Peru are issued by the Central Reserve Bank; all other denominations are issued by the state.

[4] Southern Rhodesian coins also circulate in Northern Rhodesia and Nyasaland.

[5] The Swiss 20-franc piece does not circulate.

[6] Maundy money does not circulate.

[7] The 100 Vatican lire pieces are not minted for circulation.

Mints of the world in operation during the year ended Dec. 31, 1949

[So far as reported to the Director of the United States Mint]

Country	Name of mint	Location
United States	Philadelphia Mint	Philadelphia, Pennsylvania.
Do	San Francisco Mint	San Francisco, California.
Do	Denver Mint	Denver, Colorado.
Argentina	Casa de Moneda	Buenos Aires.
Australia	Royal Mint, Melbourne Branch	Melbourne, Victoria.
Do	Royal Mint, Perth Branch	Perth, Western Australia.
Austria	Osterreichisches Hauptmünzamt	Vienna.
Belgium	Administration des Monnaies	Bruxelles.
Bolivia	Casa de Moneda de Potosi	Potosi.
Brazil	Casa de Moeda, Praca Republica	Rio de Janeiro.
Canada	Royal Canadian Mint	Ottawa, Ontario.
Chile	Casa de Moneda y Especies Valoradas	Santiago.
Colombia	Casa de Moneda	Bogota.
Do	do	Medellin.
Costa Rica	Cuno Nacional	San Jose.
Czechoslovakia	State Mint	Kremnica, Slovakia.
Denmark	Dem Kongeuge Mønt	Kobenhavn.
Finland	Rahapaja Mynverket	Helsinki.
France	Paris Mint	Paris.
Do	Beaumont-le Roger Mint	(Not stated).
Germany	Bayerisches Hauptmunzamt	Munchen.
Do	Wurttembergisches Münzamt	Stuttgart.
Do	Badische Münzerwaltung	Karlsruhe.
Do	Hamburgische Münze	Hamburg-Altona.
Guatemala	Casa Nacional de Moneda	Guatemala City.
Hungary	Hungarian State Mint	Budapest.
India	Indian Government Mint	Bombay.
Do	do	47 Strand Road, Calcutta.
Do	do	Alipore, Calcutta. Under construction.
Iran	Tehran Mint	Tehran.
Italy	Zecca	Rome.
Japan	Mint Bureau, Finance Ministry, Japanese Government.	Osaka.
Do	Hiroshima Branch	Hiroshima Prefecture.
Do	Tokyo Branch	Tokyo.
Do	Kumamoto Sub-branch	Kumamoto.
Mexico	Casa de Moneda de Mexico	Mexico, D. F.
Netherlands	's Rijks Munt	Utrecht.
Norway	Den kongelige norske mynt	Kongsberg.
Pakistan	Pakistan Government Mint	Baghbanpura, Lahore. Transferred from Indian Government in August 1947.
Peru	Casa Nacional de Moneda	Lima.
Portugal	Casa da Moeda	Lisbon.
Rumania	Bucharest Mint	Bucharest.
Spain	Fabrica Nacional de Moneda y Timbre	Madrid.
Sweden	Kungl. Mynt-och justeringsverket	Stockholm.
Switzerland	Swiss Federal Mint	Bern.
Thailand (Siam)	Royal Mint	No. 4, Chow Fah Road, Bangkok.
Turkey	Directorate of Mint and Stamp Printing House. (Darphane ve Damga Matbaasi).	Istanbul.
Union of South Africa	South African Mint (since June 30, 1941)	Pretoria.
United Kingdom	Royal Mint	London.
Do	The Mint, Birmingham, Ltd. (private)	Birmingham.

Coins withdrawn from active circulation in various countries of the world during the year ended Dec. 31, 1949

[So far as reported to the Director of the United States Mint]

Country	Silver coin	
	Nominal value	Approximate number of fine ounces of silver contained
United States [1]	2,610,858 U.S. dollars	1,773,782
Australia	([2])	([2])
British Malaya	565,502 Malayan dollars	493,011
Canada	103,732 Canadian dollars	66,246
Colombia	369,716 Colombian pesos	277,837
Iraq	37,605 Iraq dinars	108,813
Japan	83,750 Japanese yen	22,513
Mexico	6,106,898 Mexican pesos	1,380,496
Netherlands	5,729 Netherlands florin	1,424
Pakistan	18,775 Pakistan rupees	586
Southern Rhodesia	98,633 Southern Rhodesian pounds	([3])
Sweden	9,619 Swedish krona	1,534
Switzerland	154,000 Swiss francs	2,392
Turkey	5,219,018 Turkish pounds	1,671,241
Union of South Africa	416 South African pounds	1,208
United Kingdom [4]	9,777,214 pounds sterling	17,628,350
Total reported		23,429,433

[1] In addition, U. S. gold coins with a face value of US$111,118.50 were melted during the year, with a recovery of 5,361 fine ounces of gold.

[2] Data for 1949 not available. For 1948, received after last year's publication, there were withdrawn Australian silver coins with a face value of 1,156,789 pounds and an estimated silver content of 3,830,000 fine ounces.

[3] Data not available.

[4] Data for 1948, received after last year's publication, included British silver coins withdrawn with a face value of 571,130 pounds sterling and a silver content of 1,040,313 fine ounces.

Gold and silver in the form of old plate, jewelry, and other old material returned from use in the industrial arts by being deposited with the monetary authority in various countries of the world during the year ended Dec. 31, 1949

[So far as reported to the Director of the United States Mint]

Country	Gold	Silver
	Fine ounces	*Fine ounces*
United States	149,367	276,460
Canada	16,412	2,651
Colombia	27	----------
Italy	12	----------
Mexico	----------	8,958
Union of South Africa	32	----------

Estimated quantity of gold and silver issued for use or used in the industrial arts in various countries of the world during the year ended Dec. 31, 1949

[So far as reported to the Director of the United States Mint]

Country	Gold	Silver	Country	Gold	Silver
	Fine ounces	*Fine ounces*		*Fine ounces*	*Fine ounces*
United States	3,109,785	88,000,000	Mexico	17,749	1,213,665
Algeria	30,209	386,934	Netherlands Guiana (Surinam)	463	711
Australia	[1]	[1]	New Zealand	10,614	[4]
Austria	18,786	199,383	Nicaragua	2,800	1,023
Belgium	22,506	1,929,045	Norway	5,800	
Brazil	96,500	[2] 646,873	Panama (Republic of) [10]	8,208	2
British East Africa	[3] 3,255	[4]	Paraguay	1,286	8,038
British Guiana	4,445		Peru	38,581	1,620,365
Canada	175,000	6,500,000	Portugal	135,717	1,008,367
Colombia	59,400	200,000	Southern Rhodesia	1,000 to 1,500	150 to 200
Cuba	41,903	23,767	Spain	3,537	517,988
Ecuador	45	9,100	Sweden	76,840	
El Salvador	7,827	943	Syria	[4]	23,352
France	225,000 to 257,000	6,430,000 to 8,037,000	Tunisia	17,727	733,228
Germany	15,242	6,012,619	Turkey	625,428	
Guatemala	700	20,000	Union of South Africa	21,628	333,587
Honduras [5]	1,250	12,000	United Kingdom [11]	556,850	11,573,000
Hong Kong	530,004	73,445	Venezuela	91,442	
Israel	[6]	[6]			
Italy	225,055	1,607,537	Total reported	6,291,089 to 6,323,589	130,692,531 to 132,299,581
Japan [7]	43,781	1,607,409			
Lebanon	64,301	[4]			
Luxembourg	[8] 415				
Madagascar	[9] 10				

[1] Data for 1949 not available. For 1948, received after last year's publication—gold, 66,208 fine ounces; and silver, 1,413,111 fine ounces.
[2] Production plus imports.
[3] Amount licensed for import.
[4] Data not available.
[5] Corrected data for the calendar year 1947—gold, 1,485 fine ounces, and silver, 27,585 fine ounces.
[6] Data for 1949 not available. For 1948, received after last year's publication—gold, 25,700 to 27,300 fine ounces; and silver, 51,500 fine ounces.
[7] Amount authorized for industrial use by the Government.
[8] Amount issued for dental use.
[9] Amount sold to jewelers.
[10] Imports during year.
[11] Data for 1948, received after last year's publication—gold, 894,980 fine ounces; and silver, 17,824,203 fine ounces.

NOTE.—Corrected data for the calendar year 1948—Belgium used approximately 500,000 to 600,000 fine ounces of silver in the industrial arts in 1948.

CHARACTERISTICS OF COINS IN CIRCULATION

NOTE.—Thickness of coins may represent actual measurements when not specified in coinage laws. Leaders indicate no available information.

UNITED STATES

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 dollar	26.73	900 silver, 100 copper	38.100	2.8956
½ dollar	12.5	do	30.607	2.1844
¼ dollar	6.25	do	24.257	1.7018
⅒ dollar	2.5	do	17.907	1.3462
5 cents	5	75 copper, 25 nickel	21.209	1.9812
Do	5	56 copper, 35 silver, 9 manganese	21.209	1.9812
1 cent	3.110	95 copper, 5 zinc and tin	19.050	1.5748
Do	3.110	95 copper, 5 zinc	19.050	1.5748
Do	2.689	Zinc-coated steel	19.050	1.5748

U. S copper-silver-manganese 5-cent piece coined Oct. 1942–Dec. 1945, inclusive.
U. S copper-zinc 1-cent piece coined 1944–46, inclusive.
U. S zinc-coated steel 1-cent piece coined only during calendar year 1943.

AFGHANISTAN

[Coins in active circulation at end of December 1949]

25 puls	7	Cupro-nickel	25	
Do	3	do	20	1.2
20 puls	6	do	26	
10 puls	6	do	24	
Do	5	do	22	
Do	2.5	do	18	1.2
5 puls	3	Copper	22	
Do	3	do	20	
Do	3	do	17	1.8
3 puls	2.5	do	16	1.7
2 puls	2	do	15	1.6

ALGERIA

[Coins in active circulation at end of December 1949]

5 francs	12	91 copper, 9 aluminum; and pure aluminum.	31	2.35
		70 copper, 30 zinc	27	2.10
2 francs	8	91 copper, 9 aluminum; and pure aluminum.	27	1.90
Do	8	do	23	1.50
1 franc	4	do	18	1.35
50 centimes	2	do		

ANGLO-EGYPTIAN SUDAN

[Egyptian coins and British florins and shillings (George V only) circulate in the Sudan]

ARGENTINA

[Coins in active circulation at end of December 1948]*

20 centavos	4	92 copper, 8 aluminum	21	1.3
Do	4	75 copper, 25 nickel	21	1.3
10 centavos	3	92 copper, 8 aluminum	19	1.2
Do	3	75 copper, 25 nickel	19	1.2
5 centavos	2	92 copper, 8 aluminum	17	1
Do	2	75 copper, 25 nickel	17	1
2 centavos	3⅓	95 copper, 4 tin, 1 zinc	20	1.1
1 centavo	2	do	16	0.9

*Latest available data.

AUSTRALIA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
Crown	28.2765	925 silver, 75 copper	38.58	3
Florin	11.31036	925 silver, 75 copper; and 500 silver, 400 copper, 50 nickel, 50 zinc.	28.68	2.14
Shilling	5.6553	do	23.83	1.83
Sixpence	2.8276	do	19.35	1.40
Threepence	1.4138	do	16.13	1.04
Penny	9.4501	95.5 copper, 3.0 tin, 1.5 zinc	30.81	2.03
Halfpenny	5.6700	do	25.48	1.62

Australian silver coins of 500 fineness first issued July 21, 1947; thicknesses vary slightly from coins o 925 fineness.

Australian coins legal tender in Papua, New Guinea, Norfolk Island, and Nauru.

British silver coins of 500 fineness legal tender in Australia; quantity in circulation negligible.

AUSTRIA

[Coins in active circulation at end of December 1949]

2 schilling	2.8	98.5 aluminum, 1.5 manganese	28	2.0
1 schilling	2.0	do	25	1.8
50 groschen	1.4	do	22	1.6
10 groschen	3.5	Zinc	21	1.8
5 groschen	2.5	do	19	1.5
1 groschen	1.8	do	17	1.3
5 reichspfennig	2.5	92 copper, 8 aluminum	18	1.5
Do	2.5	Zinc	19	1.5
1 reichspfennig	1.8	do	17	1.3

Austrian Finance Ministry authorized to coin a bronze-aluminum 20-groschen piece.

BASUTOLAND

[Coins of Union of South Africa circulate in Basutoland]

BECHUANALAND

[Coins of Union of South Africa and Southern Rhodesia circulate in Bechuanaland]

BELGIAN CONGO

[Coins in active circulation at end of December 1949]

50 francs	17.43	600 silver, 400 copper	35	2.25
5 francs	8	66⅔ copper, 33⅓ zinc	27	2.00
5 francs	13	Copper, aluminum, nickel, zinc	33	2.00
2 francs (hexagonal)	6	66⅔ copper, 33⅓ zinc	25½	1.50
2 francs	5	do	22	1.50
1 franc	2.5	do	19	1.25
Do	10	75 copper, 25 nickel	28	2.00
50 centimes	6.5	do	24	1.75
20 centimes	6	do	25	1.50
10 centimes	4	do	22	1.25
5 centimes	2.5	do	19	1.00

BELGIUM

Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
100 francs	18	835 silver, 165 copper	33	
50 francs	12	do	30	
20 francs	8	do	27	
Do	6.4516	900 gold, 100 copper	21	
5 francs	14	Pure nickel	31	
Do	12	do	31	
Do	9	do	25	
Do	6	Zinc du commerce	25	
Do	6	75 copper, 25 nickel	24	
2 francs	2.75	Iron	19	
1 franc	5	Pure nickel	23	
Do	4.5	do	21.5	
Do	4.25	Zinc du commerce	21.5	
½ franc	2.5	Pure nickel	18	
25 centimes	6.5	75 copper, 25 nickel	26–4.5	
Do	6.5	64 copper, 20 zinc, 16 nickel	26–3.5	
Do	6.5	Zinc du commerce	26–3.5	
10 centimes	4	75 copper, 25 nickel	22–4	
Do	4	Copper, zinc, 15/100 nickel minimum	22–4	
Do	4	64 copper, 20 zinc, 16 nickel	22–3	
Do	4	Zinc du commerce	22–3	
5 centimes	2.5	75 copper, 25 nickel	19–3.5	
Do	2.5	Copper, zinc, 15/100 nickel minimum	19–3.5	
Do	2.5	64 copper, 20 zinc, 16 nickel	19–2.5	
Do	2.5	Zinc du commerce	19–2.5	
2 centimes	4	Pure copper	21.5	
1 centime	2	do	16.5	

Belgian coins with two diameters are round with round hole in center.

BOLIVIA

[Coins in active circulation at end of December 1949]

50 centavos	5.5	95 copper, 5 zinc	24.0	3.0
20 centavos	3.25	Zinc with impurities	21.2	3.5
10 centavos	1.75	do	17.9	2.5
10 centavos	2.5	75 copper, 25 nickel	20	2.5
5 centavos	5.0	do	25	3.5

Minor number of Bolivian cupro-nickel coins in circulation.

BRAZIL

[Coins in active circulation at end of December 1949]

5 cruzeiros	9	90 copper, 8 aluminum, 2 zinc	27	
2 cruzeiros	8	do	25	2.4
1 cruzeiro	7	do	23	2.4
50 centavos	5	do	21	2.0
20 centavos	4	do	19	2.0
10 centavos	3	do	17	2.0

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BRITISH EAST AFRICA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 shilling		250 silver, 700 copper, 50 manganese; and 75 copper, 25 nickel		
50 cents		Silver; and 75 copper, 25 nickel		
10 cents		95.5 copper, 3 tin, 1.5 zinc		
5 cents		do		
1 cent		do		

Silver coins in process of withdrawal in British East Africa.

BRITISH GUIANA

[Coins in active circulation at end of December 1949]

British Guiana fourpence ("bit").	1.88506	500 silver	16	1.5

In addition, British coins circulate in British Guiana in the following denominations: Crown, half crown, florin, shilling, sixpence, threepence, penny, and halfpenny.

BRITISH HONDURAS

[Coins in active circulation at end of December 1949]

50 cents	11.6205	Silver, 0.925 fineness		
25 cents	5.8102	do		
10 cents	2.3241	do		
5 cents	3.6287	79 copper, 20 zinc, 1 nickel		
1 cent	5.6700	95.5 copper, 3 tin, 1.5 zinc		

BRITISH MALAYA

[Coins in active circulation at end of December 1949]

1 dollar	20.217	900 silver		
Do	16.348	500 silver		
½ dollar	10.108	900 silver		
Do	8.424	500 silver		
20 cents	5.430	800 silver		
Do	5.430	750 silver		
Do	5.430	600 silver	23.2917	
Do	5.430	500 silver	23.2917	
Do	5.430	400 silver	23.2917	
Do	5.655	75 copper, 25 nickel	23.2917	
10 cents	2.715	800 silver	23.2917	
Do	2.715	750 silver	23.5966	
Do	2.715	600 silver	18.0339	
Do	2.715	500 silver	18.0339	
Do	2.715	400 silver	18.0339	
Do	2.827	75 copper, 25 nickel	18.0339	
5 cents	1.357	800 silver	18.0339	
Do	1.357	750 silver	19.4056	
Do	1.357	600 silver	15.6971	
Do	1.357	500 silver	15.6971	
Do	1.357	400 silver	15.6971	
Do	1.413	75 copper, 25 nickel	15.6971	
1 cent	5.832	do	15.6971	
Do	5.832	95 copper, 4 tin, 1 zinc	16.2560	
Do	4.212	do		

Malayan coins circulate in the Colony of Singapore including its dependencies, Christmas and Cocos Islands; the Federation of Malaya; Brunei; and the Settlement of Labuan; and since 1945, in the colonies of Borneo and Sarawak.

BRITISH WEST AFRICA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
Florin	11.31036	79 copper, 20 zinc, 1 nickel		
Shilling	5.65518	do		
Sixpence	3.499	do		
Threepence	5.184	80 copper, 20 nickel		
Penny	9.45	do		
Halfpenny	5.67	do		
Tenthpenny	1.944	do		

Silver coins in process of withdrawal in British West Africa.

BURMA

[Coins of India legal tender in Burma in 1949; distinctive Burmese coins to be issued in 1950]

CANADA

[Coins in active circulation at end of December 1949]

1 dollar	23.3276	925 silver, 75 copper; and 800 silver, 200 copper.	35.9918	2.9718
50 cents	11.6638		29.6164	2.1336
25 cents	5.8319		23.5712	1.8288
10 cents	2.3328		17.7800	1.3462
5 cents	1.1664		15.4940	0.5842
Do	4.5359	Pure nickel	21.2090 to 21.2598	1.9050
Do	4.5359	88 copper, 12 zinc (Tombac)	21.2090	1.9050
Do	4.5359	Steel chrome plated	21.2090	1.9050
1 cent	3.2399	98 copper, 1.5 zinc, 0.5 tin	19.0500	1.651

CEYLON

[Coins in active circulation at end of December 1949]

50 cents	5.508	79 copper, 20 zinc, 1 nickel	24.130	1.854
25 cents	2.754	do	18.034	1.499
10 cents (scalloped edge)	4.212	do	(a)	1.372
5 cents (square with round corners).	3.888	75 copper, 25 nickel	(b)	1.626
Do	3.888	79 copper, 20 zinc, 1 nickel	(b)	1.626
Do	3.240	do	(b)	1.473
2 cents (scalloped edge)	2.592	do	(c)	1.295
1 cent	4.725	Copper or 95.5 copper, 3 tin, 1.5 zinc	22.352	1.727
Do	2.362	Copper or 97 copper, 2.5 zinc, 0.5 tin	22.352	.864

[a] Across scallops, 22.860 mm. Inside scallops, 20.955 mm.
[b] Diagonally, 21.463 mm. Across flats, 18.237 mm.
[c] Across scallops, 18.415 mm. Inside scallops, 17.018 mm.

CHILE

[Coins in active circulation at end of December 1949]

1 peso	7.5	95.5 copper, 3.0 tin, 1.5 zinc	25	2
Do	10	75 copper, 25 nickel	29	
50 centavos	4	95.5 copper, 3.0 tin, 1.5 zinc	20.5	1.7
20 centavos	3	do	18	1.6
Do	4.5	75 copper, 25 nickel	22.5	
10 centavos	2	95.5 copper, 3.0 tin, 1.5 zinc	16.5	
Do	3	75 copper, 25 nickel	19.5	
5 centavos	2	do	16.5	

COLOMBIA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
50 centavos	12.5	900 silver, 100 copper	30	1.85
Do	12.5	500 silver, 400 copper, 50 nickel, 50 zinc	30	1.85
20 centavos	5	900 silver, 100 copper	23	1.33
Do	5	500 silver, 400 copper, 50 nickel, 50 zinc	23	1.33
10 centavos	2.5	900 silver, 100 copper	18	1.05
Do	2.5	500 silver, 400 copper, 50 nickel, 50 zinc	18	1.05
5 centavos	4	75 copper, 25 nickel	21	1.30
Do	4	95 copper, 5 nickel	21	1.30
2 centavos	3	75 copper, 25 nickel	19	1.25
Do	3	95 copper, 5 nickel	19	1.25
1 centavo	2	75 copper, 25 nickel	17	1.05
Do	2	95 copper, 5 nickel	17	1.05

Colombian silver coins of 900 fineness in process of withdrawal.

COSTA RICA

[Coins in active circulation at end of December 1949]

2 colones	14	75 copper, 25 nickel	32	2.0
1 colon	10	do	29	2.0
50 centimos	7	do	26	1.7
25 centimos	3.45	do	23	1.3
10 centimos	2	95 copper, 4 zinc, 1 tin	18	1.1
5 centimos	1	do	15	1.0

CUBA

[Coins in active circulation at end of December 1949]

1 peso	26.7295	900 silver, 100 copper	38.10	2.9
40 centavos	10	do	29.06	1.8
20 centavos	5	do	23.27	1.3
10 centavos	2.5	do	17.91	1.3
5 centavos	5	70 copper, 30 zinc and 75 copper, 25 zinc	21.21	1.9
2 centavos	3.5	75 copper, 25 zinc	19.31	1.6
1 centavo	2.305	70 copper, 30 zinc	19.01	1.5
Do	2.5	75 copper, 25 zinc	19.01	1.5

United States coins also circulate in Cuba.

CYPRUS

[Coins in active circulation at end of December 1949]

18 piastres	11.31036	Silver 925, copper 75		
Do	11.31036	Copper 75, nickel 25		
9 piastres	5.65518	Silver 925, copper 75		
Do	5.65518	Copper 75, nickel 25		
1 piastre	5.184	Cupro-nickel		
Do	5.184	Bronze with ½ percent tin		
½ piastre	2.592	Cupro-nickel	23	1.5
Do	2.592	Bronze with ½ percent tin	23	1.5
			19	1.0
			19	1.0

CZECHOSLOVAKIA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
100 koruny	14	500 silver, 400 copper, 50 nickel, 50 zinc	31	
50 koruny	10	do	28	
20 koruny	12	700 silver, 300 copper	34	
10 koruny	10	do	30	
2 koruny	6	80 copper, 20 nickel	23.5	
1 koruna	4.5	do	21	
Do	1.3	Aluminum	21	
Do	4.5	Zinc	23	
50 halers	3	92 copper, 8 zinc	20	
20 halers	2	do	18	
10 halers	1.6	do	16	
Do	1.866	Zinc	17	

DENMARK

[Coins in active circulation at end of December 1949]

2 kroner	13.0	92 copper, 6 aluminum, 2 nickel	31.5	2.45
1 krone	6.5	do	25.5	1.90
25 øre	4.5	75 copper, 25 nickel	23.0	1.65
Do	3.6	Zinc	23.0	1.62
10 øre	3.0	75 copper, 25 nickel	18.0	1.75
Do	2.4	Zinc	18.0	1.63
5 øre	7.6	95 copper, 4 tin, 1 zinc	27.0	1.92
Do	2.4	Aluminum	27.0	1.76
Do	6.4	Zinc	27.0	1.80
2 øre	3.8	95 copper, 4 tin, 1 zinc	21.0	1.55
Do	1.2	Aluminum	21.0	1.45
Do	3.2	Zinc	21.0	1.47
1 øre	1.9	95 copper, 4 tin, 1 zinc	16.0	1.31
Do	1.6	Zinc	16.0	1.31

DOMINICAN REPUBLIC

[Coins in active circulation at end of December 1949]

1 peso	26.7	900 silver, 100 copper	38.100	2.8956
½ peso	12.5	do	30.607	2.1844
25 centavos	6.25	do	24.257	1.7018
10 centavos	2.5	do	17.907	1.3462
5 centavos	5	75 copper, 25 nickel	21.209	1.9812
1 centavo	3	95 copper, 5 zinc and tin	19.050	1.5748

United States coins also circulate in the Dominican Republic.

ECUADOR

[Coins in active circulation at end of December 1949]

5 sucres	25	720 silver, 280 copper	37.5	2.93
2 sucres	10	do	28.75	1.95
1 sucre	5	do	23.5	1.56
1 sucre	7	Pure nickel	26	1.56
20 centavos	4	80 copper, 20 zinc	21	1.54
Do	4	75 copper, 25 nickel	21	1.54
10 centavos	3	80 copper, 20 zinc	19	1.25
Do	3	75 copper, 25 nickel	19	1.25
5 centavos	2	80 copper, 20 zinc	17	1.04
Do	2	75 copper, 25 nickel	17	1.04

Minor number of Ecuadorian silver coins in circulation.

EGYPT

[Coins in active circulation at end of December 1948] *

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
500 piasters	42.5	875 gold, 125 copper	40	
100 piasters	8.5	do	23	
50 piasters	4.25	do	20	
20 piasters	1.7	do	14.45	
Do	28	833⅓ silver, 166⅔ copper	40	
10 piasters	14	do	33	
5 piasters	7	do	26	
2 piasters	2.8	do	19	
1 piaster	1.4	do	14.5	
10 milliemes	5.5	75 copper, 25 nickel	23	
Do	6	95 copper, 4 tin, 1 zinc	25	
5 milliemes	4	75 copper, 25 nickel	21	
2½ milliemes	3	do	20	
2 milliemes	2.5	do	18	
1 millieme	4.4	95 copper, 4 tin, 1 zinc	23	
½ millieme	3⅛	do	20	
¼ millieme	2	do	18	

* Latest available data.

EL SALVADOR

[Coins in active circulation at end of December 1949]

25 centavos	7.5	900 silver, 100 copper	29	
10 centavos	7	75 copper, 25 nickel	26	
5 centavos	5	do	23	
Do	5	70 copper, 18 zinc, 12 nickel	23	
3 centavos	3.5	75 copper, 25 nickel	20	
1 centavo	2.5	95 copper, 5 zinc	16	
Do	2.5	75 copper, 25 nickel	16	

United States dimes also circulate as 25-centavo denomination in El Salvador.

ERITREA

[Coins in active circulation at end of December 1948] *

1 shilling		Silver		
50 cents		do		
10 cents		Bronze		
5 cents		do		
1 cent		do		

* Latest available data.

ETHIOPIA

[Coins in active circulation at end of December 1949]

50 cents	7.0307	800 silver, 200 copper and 700 silver, 300 copper.	25	2
25 cents	6.8039	95 copper, 5 zinc and 95 copper, 5 zinc and tin.	26	1.8
10 cents	6.0911	do	23	2.1
5 cents	4.0175	do	20	1.8
1 cent	2.8511	do	17	1.8

FIJI

[Coins in active circulation at end of December 1949]

Florin	11.31036	500 silver, 500 copper	28.6258	2.1590
1 shilling	5.65518	do	23.8760	1.6510
Sixpence	2.82759	do	19.4310	1.3461
Threepence (12-sided)	6.15590	79 copper, 20 zinc, 1 nickel	21.7170	2.4130
Penny	6.47990	75 copper, 25 nickel	26.0858	1.9050
Halfpenny	3.23995	do	21.0058	1.6002

FINLAND

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
20 markkaa	13.000	92 copper, 6 aluminum, 2 nickel	31.0	
10 markkaa	8.000	do	27.0	
5 markkaa	4.500	do	23.0	
Do	4.550	72 copper, 26 zinc, 2 aluminum	23.0	
1 markka	4.000	75 copper, 25 nickel	21.0	
Do	4.000	Pure copper, or; 95 copper, 4 tin, 1 zinc	21.0	
Do	3.500	Iron	21.0	
50 penniä	2.550	75 copper, 25 nickel	18.5	
Do	2.550	Pure copper, or; 95 copper, 4 tin, 1 zinc	18.5	
Do	2.250	Iron	18.5	
25 penniä	1.275	75 copper, 25 nickel	16.0	
Do	1.275	Pure copper, or; 95 copper, 4 tin, 1 zinc	16.0	
Do	1.125	Iron	16.0	
10 penniä	5.000	Pure copper, or; 95 copper, 4 tin, 1 zinc	22.0	
Do	2.550	do	18.5 +3.5	
Do	1.125	Iron	16.0 +3.0	
5 penniä	2.500	Pure copper, or; 95 copper, 4 tin, 1 zinc	18.0	
Do	1.275	do	16.0 +3.0	

+ Perforation.

FRANCE

[Coins in active circulation at end of December 1949]

20 francs	10	75 copper, 25 nickel	30	
10 francs	7	do	26	
5 francs	12	91 copper, 9 aluminum	30	
Do	3.5	Aluminum	31	
2 francs	8	91 copper, 9 aluminum	27	
Do	2.2	Aluminum	27	
1 franc	4	91 copper, 9 aluminum	23	
Do	1.3	Aluminum	23	
50 centimes	2	91 copper, 9 aluminum	18	
Do	0.7–0.8	Aluminum	18	

Bronze-aluminum coins being withdrawn from circulation in metropolitan France and progressively placed in circulation in French overseas territories.

FRENCH EQUATORIAL AFRICA

[Coins in active circulation at end of December 1949]

5 francs	12	91 copper, 9 aluminum		
Do	3.5	Aluminum		
2 francs	8	91 copper, 9 aluminum		
Do	2.2	Aluminum		
1 franc	4	91 copper, 9 aluminum		
Do	1.3	Aluminum		
50 centimes	.7	do		

In addition, the cupro-nickel 10 franc piece of metropolitan France circulates in French Equatorial Africa.

GERMANY

[Coins in active circulation at end of December 1949]

10 pfennig	4	Iron kernel with tombac plating	21.5	1.7
5 pfennig	3	do	18.5	1.7
1 pfennig	2	Iron kernel with copper plating	16.5	1.35
50 reichspfennig	1.33	Pure aluminum	22.5	1.64
10 reichspfennig	4	91.5 copper, 8.5 aluminum	21	1.81
10 rentenpfennig	4	do	21	1.81

GERMANY—Continued

[Coins recalled from circulation Aug. 31, 1948]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
10 reichspfennig	3.5	Raw zinc	21	1.81
5 reichspfennig	2.5	do	19	1.54
Do	2.5	91.5 copper, 8.5 aluminum	18	1.56
5 rentenpfennig	2.5	do	18	1.56
1 reichspfennig	1.8	Raw zinc	17	1.32

GREAT BRITAIN AND NORTHERN IRELAND

[Coins in active circulation at end of December 1949]

Crown	28.27590	500 silver, 400 copper, 50 nickel, 50 zinc; or 75 copper, 25 nickel.	38.735	3.048
Half crown	14.13795	do	32.309	2.413
Florin	11.31036	do	28.499	2.413
Shilling	5.65518	do	23.622	1.905
Sixpence	2.82759	do	19.406	1.651
Threepence	1.41379	do	16.256	1.016
Do	6.80388	79 copper, 20 zinc, 1 nickel	21.844	2.794
Penny	9.44984	95.5 copper, 3 tin, 1.5 zinc	30.861	2.032
Halfpenny	5.66990	do	25.451	1.905
Farthing	2.83495	do	20.193	1.346

Silver coins (except Maundy Money) are no longer coined but are in process of withdrawal from circulation, and are being replaced by the cupro-nickel coins authorized under the coinage act of 1946.

MAUNDY MONEY: (Does not actively circulate)

Fourpence	----------	925 silver, 75 copper	----------	----------
Threepence	----------	do	----------	----------
Twopence	----------	do	----------	----------
Penny	----------	do	----------	----------

GREENLAND

[Coins in active circulation at end of December 1949]

5 kroner	13.25	70 copper, 30 zinc	31	----------
1 krone	7.5	92 copper, 6 aluminum, 2 nickel	28.2	1.6
50 ører	3.75	do	22	1.9
25 ører	7	75 copper, 25 nickel	25	2

In addition, 1 øre, 2, 5, and 10 ører coins of Denmark circulate in Greenland.

GUATEMALA

[Coins in active circulation at end of December 1949]

25 centavos	8⅓	720 silver, 280 copper	27	1.3
10 centavos	3⅓	do	21	.8
5 centavos	1⅔	do	16	.7
2 centavos	6	70 copper, 30 zinc	25.5	1.6
1 centavo	3	do	21	1.0
½ centavo	1½	do	16	.65

HAITI

[Coins in active circulation at end of December 1949]

50 centimes	9.88	75 copper, 25 nickel	29	1.93
20 centimes	7.55	do	26	1.83
10 centimes	4	do	22	1.33
5 centimes	2.65	do	20	1.14

United States coins also circulate in Haiti.

HONDURAS

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
			Millimeters	*Millimeters*
1 lempira	12.5	900 silver, 100 copper	31	
50 centavos	6.25	do	24	
20 centavos	2.5	do	18	
10 centavos	7	75 copper, 25 nickel	26	
5 centavos	5	do	21	
2 centavos	3	95 copper, 5 zinc and tin	20	
1 centavo	2	do	15	

United States coins also circulate in Honduras.

HUNGARY

[Coins in active circulation at end of December 1949]

20 forints (centenary)	28	500 silver, 500 copper	40	2.33
10 forints (centenary)	20	do	36	2.20
5 forints I	20	835 silver, 165 copper	32	2.30
5 forints II, III	12	500 silver, 500 copper	32	1.55
2 forints	2.8	Aluminum	28	1.79
1 forint	1.5	do	23	1.33
50 fillér	1.4	do	22.5	1.33
20 fillér	4.0	96 copper, 4 aluminum	21	1.30
10 fillér	3.0	do	19	1.38
5 fillér	.6	Aluminum	17.5	1.00
2 fillér	3.0	90 copper, 10 zinc	17	1.55

ICELAND

[Coins in active circulation at end of December 1949]

2 kronur	9.5	92 copper, 6 aluminum, 2 nickel	28	2.0
1 krona	4.75	do	22.5	1.5
25 aurar	2.4	75 copper, 25 nickel	17	1.3
Do	2	Zinc	17	1.3
10 aurar	1.5	75 copper, 25 nickel	15	1.0
Do	1.25	Zinc	15	1.0
5 aurar	6	95 copper, 4 tin, 1 zinc	24	1.5
Do	6	97 copper, 2.5 zinc, 0.5 tin	24	1.5
2 aurar	3	95 copper, 4 tin, 1 zinc	19	1.3
Do	3	97 copper, 2.5 zinc, 0.5 tin	19	1.3
1 eyrir	1.6	95 copper, 4 tin, 1 zinc	15	1.0
Do	1.6	97 copper, 2.5 zinc, 0.5 tin	15	1.0

INDIA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 rupee	11.6638	500 silver, 500 copper, zinc and nickel	30.48	
Do	11.6638	Pure nickel	27.94	
½ rupee	5.8319	500 silver, 500 copper, zinc and nickel	24.13	
Do	5.8319	Pure nickel	24.13	
¼ rupee	2.9160	500 silver, 500 copper, zinc and nickel	19.05	
Do	2.9160	916⅔ silver, 83⅓ copper	19.05	
Do	2.9160	Pure nickel	19.05	
4 annas	6.8039	75 copper, 25 nickel	23.5 or 25.4	
2 annas	.7452	916⅔ silver, 83⅓ copper	15.24	
Do	5.8319	79 copper, 20 zinc, 1 nickel	22.352 or 25.40	
Do	5.8319	75 copper, 25 nickel	22.352 or 25.40	
Do. (George V)	5.8319	----do	21.01 or 25.4	
1 anna	3.8879	79 copper, 20 zinc, 1 nickel	21.0058 or 19.7993	
Do	3.8879	75 copper, 25 nickel	21.0058 or 19.7993	
½ anna	2.9160	79 copper, 20 zinc, 1 nickel	19.7612 or 17.3736	
Do	2.9160	75 copper, 25 nickel	19.7612 or 17.3736	
Single pice	6.4799	Copper	25.4	
Do	4.8599	Bronze alloy	25.4	
Do	1.9440	----do	9.4 or 21.34	
½ pice	3.2399	Copper	21.34	
Do	2.4300	Bronze alloy	21.34	
Pie pieces	2.1599	Copper	17.27	
Do	1.6200	Bronze alloy	17.27	

Coins are round with these exceptions: 4 annas and 1 anna, scalloped; 2 annas and ½ anna, square with round corners; bronze single pice of 1.944 grams, round with round hole in center.

Bronze alloy: Until February 1936, 95 copper, 4 tin, 1 zinc; from February 1936 until 1943, 95.5 copper, 3 tin, 1.5 zinc; from 1943 to date, 97 copper, 0.5 tin, 2.5 zinc.

Cupro-nickel and nickel-brass coins currently issued.

INDOCHINA

[Coins in active circulation at end of December 1947. Silver coins of 50-cent denomination withdrawn from circulation by administrative order of April 24, 1947, published in Journal Officiel of May 1, 1947] *

1 piastre	20	900 silver	35	2.50
50 cents	12.6	75 copper, 25 nickel	30	2.44
20 cents	7	90 nickel, 10 copper	24	1.75
Do	7	75 nickel, 25 copper	24	1.75
Do	2.2	Aluminum	27	1.80
10 cents	3	90 nickel, 10 copper	18	1.55
Do	3	75 nickel, 25 copper	18	1.55
Do	1.3	Aluminum	23	1.55
5 cents	.75	-----do	20	1.32
Do	.70	-----do	18	1.32
1 cent	.50	-----do	17	1.24

*Latest available data.

INDONESIA (FORMERLY NETHERLANDS EAST INDIES)

[Coins in active circulation at end of December 1949]

2½ florin	25.00	720 silver, 280 copper	38.0	2.5
1 florin	10.00	-----do	28.0	2.0
50 cents	5.00	-----do	22.0	1.5
25 cents	3.18	-----do	19.0	1.0
10 cents	1.25	-----do	15.0	.8
5 cents	5.00	75 copper, 25 nickel	21.0	1.5
2½ cents	4.00	Copper; or 95 copper, 5 tin and zinc; or 95 copper, 5 zinc.	31.0	2.0
1 cent	2.50	-----do	23.0	1.0
½ cent	1.25	-----do	17.0	1.0

IRAN

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 pahlavi	8.13598	900 gold	22	
½ pahlavi	4.06799	do	19	
10 rials	16	600 silver	32	
5 rials	8	do	26	
2 rials	3.2	do	22	
1 rial	1.6	do	18	
50 dinars	3.49	Copper	20	
Do	3.49	91.5 copper, 8.5 aluminum	20	
10 dinars	2.68	do	18	
5 dinars	1.65	do	16	

IRAQ

[Coins in active circulation at end of December 1949]

200 fils (riyal)	20	900 silver	34.0	
50 fils (dirham)	9	500 silver	26.5	
20 fils	3.6	do	20.5	
10 fils	6.75	Pure nickel	25.0	
4 fils	4	do	21.0	
2 fils	5	95.5 copper, 3.0 tin, 1.5 zinc	24.0	
1 fil	2.5	do	19.5	

IRELAND

[Coins in active circulation at end of December 1949]

Half crown	14.13795	750 silver, 250 copper	32.385	2.286
Florin	11.31036	do	28.575	2.286
Shilling	5.65518	do	23.749	1.778
Sixpence	4.53593	do	20.955	1.905
Threepence	3.23995	Pure nickel, and cupro-nickel 75/25	17.653	1.905
Penny	9.44984	do	30.861	1.905
Halfpenny	5.66990	95.5 copper, 3 tin, 1.5 zinc	25.527	1.778
Farthing	2.83495	do	20.193	1.524
		do		

ISRAEL

[Coins in active circulation at end of December 1949]

100 mils	11.6	720 silver, 280 copper	29	
50 mils	5.8	do	23.6	
20 mils		Nickel-bronze	ª 30.5	
10 mils		do	ª 27	
5 mils		do	ª 20	
2 mils		Bronze	28	
1 mil		do	21	
		do		

The Israel pound is divided into 1,000 mils.
ª Perforated.

ITALY

[Coins in active circulation at end of December 1946] *

10 lire	3	Aluminum-magnesium-manganese	29	
5 lire	2.5	do	26.7	
2 lire	1.75	do	24.1	
1 lira	1.25	do	21.6	

*Latest available data.

JAMAICA, BRITISH WEST INDIES

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
Three-penny	6.80388	79 copper, 20 zinc, 1 nickel	21.844	2.794
Penny	7.50	do	27.00	
Halfpenny	4.50	do	22.50	
Farthing	2.75	do	20.25	

British coins also circulate in Jamaica. See *Great Britain.*

JAPAN

[Coins in active circulation at end of December 1949]

5 yen	4	60–70 copper, 30–40 zinc	22	1.25
Do	3.75	do	22	1.25
1 yen	3.2	do	5	
50 sen	4.5	do	20	1.2
Do	2.8	do	23.5	1.65
10 sen	1.5	Pure aluminum	19	1.2
Do	1.2	do	22	1.8
Do	1	do	22	1.53
Do	1	do	22	1.27
Do	2.4	93 tin, 7 zinc	22	1.312
Do	4	95 copper, 5 aluminum	19	1.65
5 sen	2.8	do	5	
Do	1.95	93 tin, 7 zinc	22	1.71
Do	2	do	4.6	
Do	1.2	Pure aluminum	19	1.48
Do	1	do	4	
1 sen	0.8	do	17	1.65
Do	3.75	95 copper, 4 tin, 1 zinc	4	
Do	3.75	90 copper, 10 zinc	17	1.48
Do	0.9	Pure aluminum	19	1.87
Do	0.65	do	19	1.61
Do	0.55	do	19	1.332
Do	1.3	50 tin, 50 zinc	23.03	1.37
			23.03	1.32
			17.5	1.68
			16	1.57
			16	1.312
			15	1.45

Japanese coins with two diameters are round with round hole in center.

JORDAN

[Palestine coins in circulation in 1949. Distinctive Jordan coins to be issued]

KUWAIT

[Coins of India in circulation]

LEBANON

[Coins in active circulation at end of December 1949]

50 piasters	10	680 silver, 320 copper	28	2
25 piasters	5	do	24	1.5
10 piasters	2	do	17	1
5 piasters	4.2	Bronze-aluminum	22.5	1.5
2½ piasters	2.9	do	21	1.5
2 piasters	1.9	do	18	1

LIBERIA

[Coins in active circulation at end of December 1949]

½ dollar	15.0		29.5	2.00
Quarter	16.5		23.5	1.25
Dime	2.5		17.5	1.00
2 cents	9.0		29.0	1.25
1 cent	5.5		25.0	1.15
½ cent	2.0		17.5	1.00

United States money chief circulating medium in Liberia.

LUXEMBOURG

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
100 francs	25	835 silver, 165 copper	37	
50 francs	12.5	do	31	
20 francs	8.5	do	27	
5 francs	7	75 copper, 25 nickel	25.5	
1 franc	5	Cupro-nickel	23	
Do	6.5	do	24	
50 centimes	3.5	Pure nickel	20.5	
25 centimes	5.5	Cupro-nickel	25	
Do	2.5	Bronze	19	
10 centimes	4	Copper	23	
5 centimes	2.5	do	19	

Belgian coins also circulate in Luxembourg.

MADAGASCAR

[Coins in active circulation at end of December 1949]

2 francs (Chambre de Commerce).	7.93	91 copper, 9 aluminum; and pure aluminum.	26	1–7.5
2 francs (Republique Francaise).	7.98	do	26	1–8.5
1 franc (Chambre de Commerce).	4.03	do	23	1–0.3
1 franc (Republique Francaise).	3.88	do	23–9.5	1–2.25
1 franc (Croix de Lorraine)	5.52	do	25–4.5	1–0.2
50 centimes (Republique Francaise).	2.04	do	18–9.5	1–0.1
50 centimes (Croix de Lorraine).	2.78	do	20–0.1	1–0.1

MALAYA

[Coins in active circulation at end of December 1949]

1 dollar	20.217	900 silver		
Do	16.348	500 silver		
½ dollar	10.108	900 silver		
Do	8.424	500 silver		
20 cents	5.430	800 silver	23.2917	
Do	5.430	750 silver	23.2917	
Do	5.430	600 silver	23.2917	
Do	5.430	500 silver	23.2917	
Do	5.430	400 silver	23.2917	
Do	5.655	75 copper, 25 nickel	23.5966	
10 cents	2.715	800 silver	18.0339	
Do	2.715	750 silver	18.0339	
Do	2.715	600 silver	18.0339	
Do	2.715	500 silver	18.0339	
Do	2.715	400 silver	18.0339	
Do	2.827	75 copper, 25 nickel	19.4056	
5 cents	1.357	800 silver	15.6971	
Do	1.357	750 silver	15.6971	
Do	1.357	600 silver	15.6971	
Do	1.357	500 silver	15.6971	
Do	1.357	400 silver	15.6971	
Do	1.413	75 copper, 25 nickel	16.2560	
1 cent	5.832	do		
Do	5.832	95 copper, 4 tin, 1 zinc		
Do	4.212	do		

MEXICO

[Coins in active circulation at end of December 1949]

5 pesos	30	900 silver, 100 copper	40	2.3
1 peso	14	500 silver, 400 copper, 60 nickel, 40 zinc	32	2.28
20 centavos	10	95 copper, 4 zinc, 1 tin	28.5	1.77
10 centavos	5.5	80 copper, 20 nickel	23.5	1.37
5 centavos	4.0	do	20.5	1.33
Do	6.5	95 copper, 4 zinc, 1 tin	25.5	1.44
1 centavo	3	do	20	1.04

MOROCCO

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
20 francs	10	75 copper, 25 nickel	30	1.2
10 francs	7	do	26	1.2
5 francs	12	91 copper, 9 aluminum	31	2
2 francs	8	do	27	2
1 franc	4	do	22	1
½ franc	2	do	18	1

NETHERLANDS

[Coins in active circulation at end of December 1949]

Ducat	3.494	983 gold, 17 copper	21	
Rijksdaalder (2½ guilders)	25.000	945 silver, 55 copper	38	
Do	25.000	720 silver, 280 copper	38	
Gulden	10.000	do	28	
Kwartje (25-cent)	3.575	640 silver, 360 copper	19	
Do	5.000	Zinc	26	
Do	3.000	Nickel	19	
Dubbeltje (10 cent)	1.400	640 silver, 360 copper	15	
Do	3.300	Zinc	22	
Do	1.500	Nickel	15	
Stuiver (5-cent) Square	4.500	75 copper, 25 nickel	18	
Do	3.600	Zinc	18	
Do	3.500	95 copper, 4 tin, 1 zinc	21	
Halve stuiver (2½-cent)	4.000	do	23.5	
Do	2.800	Zinc	20	
Centstukken	2.500	95 copper, 4 tin, 1 zinc	19	
Do	2.000	Zinc	17	
Do	2.000	95 copper, 4 tin, 1 zinc	17	

Gold ducat without capacity of legal tender.

NETHERLANDS GUIANA (SURINAM)

[Coins in active circulation at end of December 1949]

2½ guilders	25	720 silver, 280 copper	38	
1 guilder	10	do	28	
½ guilder	5	do	22	
¼ guilder	3.575	640 silver, 360 copper	19	
1/10 guilder	1.4	do	15	
5 cents	4.5	Nickel-silver	18	
2½ cents	4	95 copper, 4 zinc, 1 tin; or 70 copper, 30 zinc	23.5	
1 cent	2.5	do	19	

Silver coins of 2½, 1, and ½ guilders being recalled in 1949.

NETHERLANDS WEST INDIES (CURACAO)

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
Rijksdaalder	25	720 silver, 280 copper	38	
Gulden	10	do	28	
Kwartje	3.575	640 silver, 360 copper	19	
Dubbeltje	1.4	do	15	
Stuiver (Square)	4.5	75 copper, 25 nickel	18	
12½ cents	4	95 copper, 4 zinc, 1 tin	23.5	
1 cent	2.5	do	19	
½ cent	1.25	95 copper, 4 zinc, 1 tin; and 95 copper, 5 zinc	14	

NEW ZEALAND

[Coins in active circulation at end of December 1949]

Half crown	14.13795	500 silver, 500 copper	32.3088	
Do	14.13795	75 copper, 25 nickel	32.3088	
Florin	11.31036	500 silver, 500 copper	28.6004	
Do	11.31036	75 copper, 25 nickel	28.6004	
Shilling	5.65518	500 silver, 500 copper	23.6474	
Do	5.65518	75 copper, 25 nickel	23.6474	
Sixpence	2.82759	500 silver, 500 copper	19.4310	
Do	2.82759	75 copper, 25 nickel	19.4310	
Threepence	1.41379	500 silver, 500 copper	16.3068	
Do	1.41379	75 copper, 25 nickel	16.3068	
Pence	9.44984	do	30.8	
Half-pence	5.66991	do	25.5	

Silver coins in process of withdrawal in New Zealand.

NEWFOUNDLAND

[Coins in active circulation at end of December 1949]

50 cents	11.6638	925 silver, 75 copper	29.6164	2.1336
25 cents	5.8319	do	23.5712	1.8288
20 cents	4.6655	do		
10 cents	2.3328	800 silver, 200 copper	17.7800	1.3462
5 cents	1.1664	do	15.4940	0.5842
1 cent	3.2399	95 copper, 1.5 zinc, 0.5 tin	19.0500	1.6510

Newfoundland became a province of Canada on Apr. 1, 1949.

NICARAGUA

[Coins in active circulation at end of December 1949]

1 cordoba	25	900 silver, 100 copper	38	3
50 centavos	12.5	800 silver, 200 copper	30	2
Do	8	75 copper, 25 nickel	26	2
25 centavos	6.25	800 silver, 200 nickel	24	1.8
Do	5	75 copper, 25 nickel	23	1.8
Do	7.5	70 copper, 30 zinc	27	1.9
10 centavos	2.5	800 silver, 200 copper	18	1.1
Do	4	75 copper, 25 nickel	20	1.8
Do	5.5	70 copper, 30 zinc	24	1.8
5 centavos	3	75 copper, 25 nickel	17	1.8
Do	3.75	70 copper, 30 zinc	21	1.6
Do	5	75 copper, 25 nickel	21	1.6
1 centavo	2.5	70 copper, 30 zinc	18	1.5
Do	4	95 copper, 5 zinc	20	1.6
½ centavo	2	do	17	1.5

NORWAY

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 krone	7	75 copper, 25 nickel	25	5
50 øre	4.8	do	22	4
Do	4	99.8 zinc, 0.2 cadmium	22	
25 øre	2.4	75 copper, 25 nickel	17	3
Do	2	99.8 zinc, 0.2 cadmium	17	
10 øre	1.5	75 copper, 25 zinc	15	3
Do	1.25	99.8 zinc, 0.2 cadmium	15	
5 øre	8	95 copper, 4 tin, 1 zinc	27	
Do	6.944	Iron	27	
2 øre	4	95 copper, 4 tin, 1 zinc	21	
Do	3.472	Iron	21	
1 øre	2	95 copper, 4 tin, 1 zinc	16	
Do	1.736	Iron	16	

PAKISTAN

[Coins in active circulation at end of December 1949]

1 rupee	11.6638	Pure nickel	28	
½ rupee	5.8319	do	24	
¼ rupee	2.9160	do	19	
2 annas	5.8319	75 copper, 25 nickel	25.4—	
1 anna	3.8879	do	22	
½ anna	2.9160	do	29—	
Single pice	1.9440	do	19.8	
			19.74	
		97 copper, 2.5 zinc, 0.5 tin	17	
			21.5	

Coins of India also circulate in Pakistan.

PALESTINE

[Coins in active circulation at end of December 1946] *

100 mils	11.6638	720 silver, 280 copper	29	
50 mils	5.8319	do	23.	
20 mils	11.3398	75 copper, 25 nickel	30.5	
10 mils	6.4799	do	27	
5 mils	2.9160	do	20	
2 mils	7.7759	95.5 copper, 3 tin, 1.5 zinc	28	
1 mil	3.2399	do	21	

* Latest available data.

PANAMA (REPUBLIC OF)

[Coins in active circulation at end of December 1949]

1 balboa	26.73	900 silver, 100 copper	38	2.8956
0.50 balboa	12.5	do	30	2.1844
0.25 balboa	6.25	do	25	1.7018
0.10 balboa	2.5	do	18	1.3462
0.05 balboa	5	75 copper, 25 nickel	21	1.9812
0.025 balboa	3.30	do	18	
0.0125 balboa	3.11	95 copper, 5 nickel	20	1.5748
0.01 balboa	3.11	95 copper, 5 zinc	19	1.5748

United States coins also circulate in Panama.

PARAGUAY

[Coins in active circulation at end of December 1949]

50 centimos	6	92 copper, 8 aluminum	25	1.5
25 centimos	5	do	23	1.5
10 centimos	4	do	21	1.45
5 centimos	3	do	19	1.32
1 centimo	2	do	17	1.10

PERU

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 sol	14	70 copper, 30 zinc	33	1.97
Do	14	79 copper, 20 zinc, 1 nickel	33	1.97
½ sol	7.5	70 copper, 30 zinc	27	1.55
Do	7.5	79 copper, 20 zinc, 1 nickel	27	1.55
20 centavos	7	75 copper, 25 nickel	24	1.93
Do	7	70 copper, 30 zinc	24	1.87
10 centavos	4	75 copper, 25 nickel	20	2.00
Do	4	70 copper, 30 zinc	20	1.58
5 centavos	3	75 copper, 25 nickel	17	1.60
Do	3	70 copper, 30 zinc	17	1.60
2 centavos	10	95 copper, 3 tin, 2 zinc	24	2.25
Do	5	95 copper, 5 zinc	24	1.25
1 centavo	5	95 copper, 3 tin, 2 zinc	19	2.00
Do	2.5	95 copper, 5 zinc	19	.90

PHILIPPINES

[Coins in active circulation at end of December 1949]

1 peso	20	800 silver, 200 copper	35.74	----------
50 centavos	10	750 silver, 250 copper	27.64	----------
20 centavos	4	-----do	20.83	----------
10 centavos	2	-----do	16.66	----------
5 centavos	4.87	65 copper, 12 nickel, 23 zinc	19.05	----------
1 centavo	5.184	95 copper, 5 zinc	24.77	----------

PORTUGAL

[Coins in active circulation at end of December 1949]

10 escudos	12.5	835 silver, 165 copper	30	1.71
5 escudos	7	650 silver, 350 copper	25	1.43
2½ escudos	3.5	-----do	20	1.12
1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8	1.62
50 centavos	4.5	-----do	22.8	1.27
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5	1.07
10 centavos	2	-----do	17.5	.96

PORTUGUESE EAST AFRICA (MOZAMBIQUE)

[Coins in active circulation at end of December 1949]

10 escudos	12.5	835 silver, 165 copper	30.0	1.71
5 escudos	7	650 silver, 350 copper	25.0	1.43
2½ escudos	3.5	-----do	20.0	1.12
1 escudo	8	80 copper, 20 nickel	26.8	1.62
Do	7.5	95 copper, 3 zinc, 2 tin	26.8	1.62
50 centavos	4	-----do	22.8	1.27
Do	4.5	80 copper, 20 nickel	22.8	1.27
20 centavos	5	96 copper, 4 zinc	25.0	1.24
Do	3	95 copper, 3 zinc, 2 tin	20.5	1.07
10 centavos	4	96 copper, 4 zinc	22.5	1.19

PORTUGUESE INDIES

[Coins in active circulation at end of December 1949]

1 rupee	11.664	916⅔ silver, 83⅓ copper	30	1.68
Do	12	500 silver, 420 copper, 80 nickel	30	1.85
½ rupee	5.832	916⅔ silver, 83⅓ copper	25	1.19
Do	5.6	75 copper, 25 nickel	24	1.45
¼ rupee	2.8	-----do	19	1.20
4 tangas	4	80 copper, 20 nickel	22.5	1.20
2 tangas	3	-----do	19	1.20
1 tanga	4	96 copper, 4 zinc	22.5	1.20
Do	6	95 copper, 3 zinc, 2 tin	25	1.50

PORTUGUESE MACAU

[Pataca of Hong Kong and Chinese coins circulate in Macau]

PORTUGUESE TIMOR

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
50 avos	3.5	650 silver, 350 copper	20	1.12
20 avos	8	61 copper, 20 zinc, 19 nickel	26.8	1.62
10 avos	3	95 copper, 3 zinc, 2 tin	20.5	1.07

PORTUGUESE WEST AFRICA (ANGOLA)

[Coins in active circulation at end of December 1949]

50 centavos	4.5	61 copper, 20 zinc, 19 nickel	22.8	1.27
20 centavos	3	95 copper, 3 zinc, 2 tin	20.5	1.07
10 centavos	2	do	17.5	.96

PORTUGUESE WEST AFRICA (CAPE VERDE)

[Coins in active circulation at end of December 1949]

1 escudo	8	61 copper, 20 zinc, 19 nickel	26.8	1.62
50 centavos	4.5	do	22.8	1.27

PORTUGUESE WEST AFRICA (GUINEA)

[Coins in active circulation at end of December 1949]

1 escudo	7.5	95 copper, 3 zinc, 2 tin	26.8	1.07
50 centavos	4	do	22.8	1.27

PORTUGUESE WEST AFRICA (SAN TOME AND PRINCIPE)

[Coins in active circulation at end of December 1949]

10 escudos	12.5	835 silver, 165 copper	30	1.71
5 escudos	7	650 silver, 350 copper	25	1.43
2½ escudos	3.5	do	20	1.12
1 escudo	8	80 copper, 20 nickel	26.8	1.62
Do	8	61 copper, 20 zinc, 19 nickel	26.8	1.02
50 centavos	4.5	do	22.8	1.27

RUMANIA

[Coins in active circulation at end of December 1949]

5 lei	1.5	Aluminum with 1.5 percent impurities	23	2.0
2 lei	3.5	92 copper, 8 zinc	21	1.5
1 leu	2.5	63 copper, 37 zinc	18	1.2
Do	1.7	70 copper, 30 zinc	16	1.0
50 bani	1.7	do	16	1.0

SARAWAK

[Coins in active circulation at end of December 1949]

50 cents	10.368	400 silver, 600 copper	31	2.5
20 cents	5.184	do	23.5	2
10 cents	5.832	75 copper, 25 nickel	26	1.5
5 cents	3.888	do	21	1.5
1 cent	5.5	Copper	24.5	2
½ cent	3	do	18	2

SAUDI ARABIA

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 riyal	11.6638	916 ⅔ silver, 83 ⅓ copper	30.5054	1.67
½ riyal	5.8319	do	24.3840	1.36
¼ riyal	2.9160	do	19.5072	1.08
1 qurush	6.5	75 copper, 25 nickel	26	1.465
½ qurush	5.5	do	23	1.46
¼ qurush	4.25	do	20	1.405

British and Australian gold sovereigns also circulate in Saudi Arabia.

SOUTH WEST AFRICA

[Coins of the Union of South Africa in circulation]

SOUTHERN RHODESIA

[Coins in active circulation at end of December 1949]

Half-crown (2½ s.)	14.13795	500 silver, 400 copper, 50 nickel, 50 zinc	32.3089	2.3114
Do	14.13795	925 silver, 75 copper	32.3089	
Do	14.13795	75 copper, 25 nickel	32.3089	2.3698
Florin (2 s.)	11.31036	500 silver, 400 copper, 50 nickel, 50 zinc	28.4989	2.3114
Do	11.31036	925 silver, 75 copper	28.4989	
Do	11.31036	75 copper, 25 nickel	28.4989	2.3343
Shilling	5.65518	500 silver, 400 copper, 50 nickel, 50 zinc	23.5967	1.7526
Do	5.65518	925 silver, 75 copper	23.5967	
Do	5.65518	75 copper, 25 nickel	23.5967	1.7780
Sixpence	2.82759	500 silver, 400 copper, 50 nickel, 50 zinc	19.4057	1.3716
Do	2.82759	925 silver, 75 copper	19.4057	
Do	2.82759	75 copper, 25 nickel	19.4057	1.4732
Threepence	1.41379	500 silver, 400 copper, 50 nickel, 50 zinc	16.2561	1.0160
Do	1.41379	925 silver, 75 copper	16.2561	
Do	1.41379	75 copper, 25 nickel	16.2561	1.0668
Penny	6.47989	do	27	1 6764
Do	6.47989	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	27	1.6764
	2.91595	75 copper, 25 nickel	21	1.4478
Half-penny	2.91595	97 copper, 2.5 zinc, 0.5 tin; and 95.5 copper, 3 tin, 1.5 zinc.	21	1.4478
Do				

Coins of Southern Rhodesia circulate in Northern Rhodesia and Nyasaland where British coins also circulate.

Thickness of coins of 925 fineness slightly less than for corresponding denominations of 500 fineness.

SPAIN

[Coins in active circulation at end of December 1949]

5 pesetas	15	Pure nickel	32	2.47
1 peseta	3.50	90 copper, 10 aluminum	21	1.60
10 centimos	1.85	97.5 aluminum, 2.5 copper	23	1.64
5 centimos	1.15	do	20	1.97

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SWAZILAND

[Coins of the Union of South Africa in circulation]

SWEDEN

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
5 kronor	25.00	900 silver, 100 copper	36	
2 kronor	15.00	800 silver, 200 copper	31	
Do	14.00	400 silver, 500 copper, 50 nickel, 50 zinc	31	
1 krona	7.50	800 silver, 200 copper	25	
Do	7.00	400 silver, 500 copper, 50 nickel, 50 zinc	25	
50 ore	5.00	600 silver, 400 copper	22	
Do	4.80	400 silver, 500 copper, 50 nickel, 50 zinc	22	
Do	4.80	75 copper, 25 nickel	22	
25 ore	2.42	600 silver, 400 copper	17	
Do	2.32	400 silver, 500 copper, 50 nickel, 50 zinc	17	
Do	2.40	75 copper, 25 nickel	17	
10 ore	1.45	400 silver, 600 copper	15	
Do	1.44	400 silver, 500 copper, 50 nickel, 50 zinc	15	
Do	1.50	75 copper, 25 zinc	15	
5 ore	8.00	95 copper, 4 tin, 1 zinc	27	
Do	6.90	Iron	27	
2 ore	4.00	95 copper, 4 tin, 1 zinc	21	
Do	3.50	Iron	21	
1 ore	2.00	95 copper, 4 tin, 1 zinc	16	
Do	1.70	Iron	16	

SWITZERLAND

[Coins in active circulation at end of December 1949]

5 francs	15	835 silver, 165 copper	31	2.6
2 francs	10	do	27	2.2
1 franc	5	do	23	1.6
½ franc	2.5	do	18	1.35
20 centimes	4	Nickel	21	1.8
Do	4	75 copper, 25 nickel	21	1.8
10 centimes	3	Nickel	19	1.55
Do	3	75 copper, 25 nickel	19	1.55
5 centimes	2	Nickel	17	1.35
Do	2	75 copper, 25 nickel	17	1.35
2 centimes	3	95 copper, 4 tin, 1 zinc	20	1.45
Do	2.4	Zinc	20	1.45
1 centime	1.5	95 copper, 4 tin, 1 zinc	16	1.15
Do	1.2	Zinc	16	1.15

SYRIA

[Coins in active circulation at end of December 1949]

50 piasters	10	680 silver, 320 copper	28	2
Do	5	600 silver, 400 copper	24	2
25 piasters	5	680 silver, 320 copper	24	1.5
Do	2.5	600 silver, 400 copper	20	1.5
10 piasters	2	680 silver, 320 copper	17	1
Do	4	75 copper, 25 nickel	21	1.5
5 piasters	4.2	Bronze-aluminum	22.5	1.5
Do	3	75 copper, 25 nickel	19	1.5
2½ piasters	2.9	Bronze-aluminum	21	1.5
Do	2	75 copper, 25 nickel	17	1.5
2 piasters	1.9	Bronze-aluminum	18	1
1 piaster	5	Bronze-nickel	24	1.5
Do	3.5	Zinc	24	1.5
½ piaster	4	Bronze-nickel	21	1.5

SYRIA—Continued

[Coins authorized by decree law No. 76 dated Mar. 11, 1950]

Denomination	Gross weight	Composition (proportion of metal)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
Syrian gold pound	6.7585⅓	900 gold, 100 copper	21	
Half Syrian gold pound	3.3792⅔	do	19	
100 piasters	10	680 silver, 320 copper	28	
50 piasters	5	600 silver, 400 copper	24	
25 piasters	2.5	do	20	
10 piasters		Nonprecious metal		
5 piasters		do		
2.5 piasters		do		
2 piasters		do		
1 piaster		do		
0.5 piaster		do		

Description of Syrian nonprecious metal coins to be fixed by decision to be issued by Minister of Finance.

THAILAND (SIAM)

[Coins in active circulation at end of December 1949]

Baht or tical	15	900 silver, 100 copper	30	2.45
50 satang	7.5	650 silver, 350 copper	25	2.00
25 satang	3.75	do	20	1.55
50 satang	5	90 tin, 10 copper	25	1.85
25 satang	2.5	do	20.5	1.20
20 satang	6	do	22	2.65
Do	3	650 silver, 350 copper	22	1.20
10 satang	2.5	do	19	1.25
Do	3.5	Pure nickel	20.5	1.50
Do	5	90 tin, 10 copper	20	2.00
Do	4	do	20	1.75
Do	1.75	do	17.5	1.15
5 satang	3	do	17.5	1.95
Do	2.5	do	17.5	1.75
Do	1.25	do	15	1.20
Do	1.5	650 silver, 350 copper	16.5	1.10
Do	2	Pure nickel	17.5	1.15
1 satang	1.5	90 tin, 10 copper	15	1.28
Do	5	95 copper, 4 tin, 1 zinc	22	1.90
Do	3.5	do	20.5	1.50
½ satang	2	do	19	1.10

Tin coins chiefly used at present in Thailand.

TUNISIA

[Coins in active circulation at end of December 1949]

5 francs	12	90/91.5 copper, 8.5/9 aluminum, other, less than 1.	31	
2 francs	8	do	27	
1 franc	4	do	23	
½ franc	2	do	18	

TURKEY

[Coins in active circulation at end of December 1949]

Denomination	Gross weight	Composition (proportion of metals)	Diameter	Thickness
	Grams		*Millimeters*	*Millimeters*
1 lira (pound)	7.5	600 silver, 400 copper	25	1.57
50 kurus (piasters)	4	do	20	1.15
25 kurus	4.5	70 copper, 30 zinc	22.5	1.35
10 kurus	6	75 copper, 25 nickel	25.5	1.35
Do	2.75	70 copper, 30 zinc	18	1.35
5 kurus	4	75 copper, 25 nickel	21.5	1.28
Do	2.25	70 copper, 30 zinc	16	1.35
2½ kurus	3.125	do	21	1.15
1 kuru	2.5	75 copper, 25 nickel	18.5	1.18
Do	2.25	70 copper, 30 zinc	18	1.15

Turkish cupro-nickel coin being withdrawn.

UNION OF SOUTH AFRICA

[Coins in active circulation at end of December 1949]

Crown	28.27590	800 silver, 200 copper	38.735	2.4003
Half crown	14.13795	do	32.15631	1.727
Florin	11.31036	do	28.6253	1.75251
Shilling	5.65518	do	23.59619	1.2695
Sixpence	2.82759	do	19.32731	0.965
Threepence	1.41379	do	16.20512	0.66032
Penny	9.44984	95 copper, 4.5 zinc, 0.5 tin	30.91133	1.37151
Halfpenny	5.66990	do	25.52637	1.219
Farthing	2.83495	do	20.11671	0.99051

South African coins also circulate in Basutoland, Bechuanaland, South West Africa, and Swaziland.

URUGUAY

[Coins in active circulation at end of December 1949]

1 peso	9	720 silver, 280 copper	27	
50 centesimos	7	do	24	
20 centesimos	3	do	18.5	
10 centesimos	6	91 copper, 9 aluminum	25	
5 centesimos	5	75 copper, 25 nickel	23	
Do	5	95.5 copper, 3 tin, 1.5 zinc	23	
2 centesimos	3.5	75 copper, 25 nickel	20	
Do	3.5	95.5 copper, 3 tin, 1.5 zinc	20	
1 centesimo	2	75 copper, 25 nickel	17	

VATICAN CITY

[Coins in active circulation at end of December 1949]

100 Vatican lire	5.1966	900 gold	20.7	
10 Vatican lire	3	Aluminum-magnesium-manganese	29	
5 Vatican lire	2.5	do	27.6	
2 Vatican lire	1.75	do	24.1	
1 Vatican lira	1.25	do	21.6	

100 Vatican lire not coined for circulation.

VENEZUELA

[Coins in active circulation at end of December 1949]

5 bolivares	25	900 silver, 100 copper	37	2.38
2 bolivares	10	835 silver, 165 copper	27	1.98
1 bolivar	5	do	23	1.33
½ bolivar	2.5	do	18	0.99
¼ bolivar	1.25	75 copper, 25 nickel	16	0.66
12½ centimos	5	do	23	1.59
5 centimos	2.5	do	19	1.27

World production of gold, 1944–49, by countries, in fine ounces [1]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944	1945	1946	1947	1948	1949
North America:						
United States (including Alaska) [2]	1,022,238	915,403	1,462,354	2,165,318	2,025,480	1,921,949
Canada	2,922,911	2,696,727	2,832,554	3,070,221	3,529,608	4,103,856
Newfoundland [3]	14,715	11,767	12,854	11,032		
Central America and West Indies:						
Costa Rica [4]	3,606	3,054	1,251	1,988	1,096	284
Cuba	39	[4] 423	1,105	364	334	[4] 5,692
Dominican Republic [4]	749	486	645	16	29	993
Guatemala [4]	126	66	36	35	16	5
Haiti	161	[4] 73	41			
Honduras	19,774	17,078	12,833	12,037	13,633	25,832
Nicaragua (exports)	222,635	206,360	203,390	213,454	222,627	219,139
Panama					1,000	[5] 9,657
Salvador (exports)	22,813	16,526	21,798	10,755	20,778	[6] 25,000
Mexico	508,882	499,301	420,500	464,739	367,612	405,550
Total	4,738,600	4,367,200	4,969,400	5,950,000	6,182,200	6,718,000
South America:						
Argentina	5,369	3,381	8,038	[6] 8,000	[6] 8,000	[6] 8,000
Bolivia	6,265	5,888	16,700	20,108	[5] 4,063	[5] 32,415
Brazil (estimate)	178,300	212,200	175,000	167,000	156,900	183,500
British Guiana	18,986	22,533	19,793	21,111	16,518	19,368
Chile	243,883	180,462	230,880	168,855	164,258	179,144
Colombia	553,530	506,695	437,176	383,027	335,260	359,474
Ecuador	85,039	68,038	75,254	57,250	79,207	99,241
French Guiana	18,583	20,641	19,741	14,918	13,625	[6] 15,000
Peru	175,180	172,661	158,378	116,016	111,162	137,963
Surinam	5,723	5,895	4,648	4,134	4,177	3,794
Uruguay	[6] 1,000	[6] 1,000				(7)
Venezuela	77,716	76,839	48,558	21,830	49,730	61,378
Total	1,370,000	1,276,000	1,194,000	982,000	943,000	1,100,000
Europe:						
Czechoslovakia	5,014	1,529	1,903	2,090	(7)	(7)
Finland	9,800	6,633	7,327	11,285	11,317	14,050
France	21,959	39,738	48,355	42,407	34,498	47,294
Hungary	[8] 28,215	193	1,318	1,993	(7)	(7)
Italy	6,334	1,768	8,520	11,253	18,422	(7)
Portugal			6,687	15,754	11,799	(7)
Rumania	74,590	90,987	80,377	74,686	90,000	120,000
Spain	1,961	2,025	3,729	2,714	11,375	30,318
Sweden	112,560	85,585	91,372	75,586	71,889	80,280
U. S. S. R. (estimate) [9]	4,000,000	5,000,000	6,000,000	7,000,000	7,000,000	7,000,000
Total	4,300,000	5,200,000	6,300,000	7,200,000	7,300,000	7,300,000

See footnotes at end of table.

World production of gold, 1944–49, by countries, in fine ounces [1]—Continued

Country	1944	1945	1946	1947	1948	1949
Asia:						
Burma	30	30	2	9	230	(7)
China				107,535	(7)	(7)
Formosa	25,978	579	424	8,387	17,668	16,607
Cyprus	958					
French Indochina [10]	13					
India	188,206	168,366	131,775	171,704	180,490	160,902
Japan	396,579	128,410	43,154	55,029	69,180	84,532
Korea:						
North	249,779	96,452	192,000	322,000	(7)	(7)
South			1,269	2,494	3,466	3,419
Malaya	1,212	287	445	5,312	10,212	13,617
Philippines		[11] 13,490	360	64,441	209,225	287,844
Sarawak	(7)	(7)	17	429	599	(7)
Saudi Arabia	[5] 8,683	[5] 37,972	48,000	52,000	74,000	67,200
U. S. S. R	(9)	(9)	(9)	(9)	(9)	(9)
Total	872,000	446,000	418,000	790,000	665,000	684,000
Africa:						
Angola	1,296	822	552	360	443	319
Bechuanaland	11,575	11,297	9,739	7,381	1,507	256
Belgian Congo [12]	364,204	346,971	331,304	301,445	299,774	333,853
Egypt	1,036	3,014	2,793	2,090	3,853	(7)
Eritrea	169	2,119	3,411	3,674	(7)	(7)
Ethiopia	[5] 38,156	[5] 56,176	[5] 51,528	[5] 27,382	41,595	45,102
French Cameroon	20,416	16,300	11,927	11,510	10,706	8,938
French Equatorial Africa	84,106	76,069	71,535	64,044	63,715	57,273
French Guinea	(7)	(7)	4,405	7,395	88,029	(7)
French Morocco	2,572	161		1,029		(7)
French West Africa	8,777	6,945	7,009	5,564	20,512	46,381
Gold Coast	523,225	539,252	585,910	558,011	672,388	[5] 657,595
Kenya	42,259	38,517	29,892	21,959	23,429	20,072
Liberia	30,772	[5] 9,016	16,506	16,987	13,797	14,656
Madagascar	9,388	6,430	3,890	1,511	2,095	1,663
Mozambique	7,577	7,897	5,766	5,427	5,427	(7)
Nigeria	7,916	8,108	4,881	2,203	2,899	2,515
Northern Rhodesia	307	265	[13] 6,838	[13] 779	[13] 1,180	[13] 1,186
Sierra Leone	1,026	274	183	2,400	2,193	2,160
Southern Rhodesia	592,729	568,241	544,596	522,735	514,440	528,180
South-West Africa	97	83	67	34	455	32
Sudan	1,820	1,623	3,670	3,725	3,579	4,114
Swaziland	2,299	3,583	4,914	5,637	3,110	2,841
Tanganyika (exports)	55,148	49,302	48,428	47,317	57,557	68,989
Uganda (exports)	2,593	2,295	2,176	1,366	1,158	650

	12,279,629	12,224,629	11,927,165	11,200,281	11,584,849	11,705,048
Union of South Africa	14,089,000	13,979,000	13,679,000	12,822,000	13,423,000	13,595,000
Total						
Oceania:						
Australia:	656,867	657,212	824,480	937,654	890,805	896,872
Commonwealth			661	59,202	86,556	95,100
New Guinea	40,407	94,964	82,402	94,353	93,059	104,036
Fiji	142,287	128,364	119,271	112,260	93,903	84,856
New Zealand	839,561	880,540	1,026,814	1,203,469	1,164,323	1,180,864
Total	26,200,000	26,100,000	27,600,000	28,900,000	29,700,000	30,600,000
World total (estimate) [1]						

[1] Figures used derived in part from American Bureau of Metal Statistics. For some countries accurate figures are not possible to obtain owing to clandestine trade in gold. Data not available for Austria, Bulgaria, Germany, Norway, and Yugoslavia; estimate not included in total. In addition, production in Indonesia and Papua was negligible, and Thailand produced none in 1944–47.

[2] Refinery production. Excludes production of the Philippines.

[3] Data revised as recent information states the gold in zinc concentrates is not recoverable.

[4] Imports into United States.

[5] Exports.

[6] Estimate.

[7] Data not available, estimate included in total.

[8] Includes gold mined in Transylvania which temporarily formed part of Hungary.

[9] Output from U. S. S. R. in Asia included with U. S. S. R. in Europe.

[10] Lode only.

[11] Figure published by Director of the Mint, representing gold of Philippine origin refined but not necessarily mined during the year.

[12] Includes Ruanda-Urundi.

[13] Included is yield from Nkana mine refinery slimes accumulated during the war: 6,594 ounces in 1946, 547 in 1947, 999 in 1948, and 972 in 1949.

World production of silver, 1944–49, by countries, in fine ounces [1]

[Table compiled by the Bureau of Mines, U. S. Department of the Interior]

Country	1944	1945	1946	1947	1948	1949
North America:						
United States [2]	35,651,049	29,046,047	21,103,269	38,587,069	39,228,468	34,944,554
Canada	13,627,109	12,942,906	12,544,100	12,504,018	16,109,982	16,937,641
Newfoundland	1,163,206	1,076,129	1,107,827	956,052		
Central America and West Indies:						
Costa Rica [3]	3,506	1,380	604	1,470	3,029	720
Cuba	[3] 42,985	[3] 107,195	127,222	146,932	185,216	[3] 157,411
Honduras	3,115,352	3,003,495	2,682,910	2,413,399	3,170,871	3,431,614
Nicaragua (exports)	248,529	240,197	260,637	213,417	212,463	206,507
Salvador	[4] 305,922	[4] 223,705	[4] 313,180	[4] 265,104	[4] 216,342	[3] 275,075
Mexico	65,460,073	61,097,727	43,263,132	58,843,863	57,519,703	49,447,842
Total	119,618,000	107,739,000	81,403,000	113,931,000	116,646,000	105,401,000
South America:						
Argentina [5]	1,695,000	2,760,000	3,090,000	2,435,400	1,201,900	1,249,421
Bolivia (exports)	6,797,631	6,683,561	6,106,165	6,233,354	7,562,208	6,634,627
Brazil	28,722	28,385	21,968	20,293	23,095	21,041
Chile	996,544	825,438	557,333	747,055	861,961	799,685
Colombia	197,323	168,699	151,971	110,352	109,188	106,590
Ecuador	441,345	235,500	192,200	156,931	226,664	279,247
Peru	15,832,440	12,997,741	12,334,150	10,782,909	9,288,777	10,627,717
Total	25,989,000	23,699,000	22,454,000	20,486,000	19,274,000	19,718,000
Europe:						
Austria	13,960				[6]	[6]
Czechoslovakia [5]	675,000	300,000	600,000	1,400,000	1,600,000	[6]
Finland	90,344	45,236	146,929	188,821	167,615	171,150
France	240,134	350,025	535,213	474,320	494,403	395,445
Germany (Federal Republic)	[6]	[6]	[6]	[6]	[7] 867,459	1,601,782
Hungary	[5] 614,300	[5] 3,200	14,854	[6]	[6]	[6]
Italy	81,052	1,382	125,709	337,936	663,270	793,545
Norway	170,399	131,818	202,550	228,270	215,410	144,700
Portugal				7,395	35,366	[6]
Rumania	71,310	189,689	[6]	481,264	[6]	[6]
Spain	778,016	497,661	669,009	638,192	339,396	514,090
Sweden	1,292,299	1,135,178	1,294,935	1,088,656	1,137,943	1,140,708
United Kingdom	34,660	27,517	23,285	23,522	25,000	[6]
Total (estimate)	15,000,000	12,000,000	13,000,000	15,000,000	17,000,000	19,000,000

Coinage of nations during the year ended Dec. 31, 1948 (part)—Continued

Country	Denomination	Number of pieces coined	Nominal value in monetary unit of issuing country	Composition
Malaya	20 cents	24,818,018	4,963,605.00 M. dollars	75 copper, 25 nickel.
	10 cents	23,885,374	2,388,537.00 M. dollars	Do.
	5 cents	21,735,529	1,086,776.00 M. dollars	Do.
Total		70,438,921	8,438,918.00 M. dollars	
Maroc	10 francs	5,306,000	53,060,000.00 francs	Cupro-nickel.
New Zealand (revised).	Crown	200,000	50,000–0–0 pounds	500 silver, 400 copper, 50 zinc, 50 nickel.
	Half crown	1,400,000	175,000–0–0 pounds	75 copper, 25 nickel.
	Florin	1,750,000	175,000–0–0 pounds	Do.
	Shilling	1,000,000	50,000–0–0 pounds	Do.
	Sixpence	2,000,000	50,000–0–0 pounds	Do.
	Threepence	4,000,000	50,000–0–0 pounds	Do.
	Penny	120,000	500–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
Total		10,470,000	550,500–0–0 pounds	
Palestine	2 mils	480,000	960–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
	1 mil	2,880,000	2,880–0–0 pounds	Do.
Total		3,360,000	3,840–0–0 pounds	
Saint-Pierre et Miquelon.	2 francs	300,000	600,000.00 francs	Aluminum.
	1 franc	600,000	600,000.00 francs	Do.
Total		900,000	1,200,000.00 franc	
Seychelles	5 cents	300,000	15,000.00 rupees	95.5 copper, 3 tin, 1.5 zinc.
	2 cents	350,000	7,000.00 rupees	Do.
	1 cent	300,000	3,000.00 rupees	Do.
Total		950,000	25,000.00 rupees	
Togo	2 francs	5,000,000	10,000,000.00 francs	Aluminum.
	1 franc	5,000,000	5,000,000.00 francs	Do.
Total		10,000,000	15,000,000.00 francs	
Tunisia		33	Value not indicated	Pieces of gold.
		53		Pieces of silver.
		1,103		Do.
United Kingdom (revised)	Halfcrown	71,164,703	8,895,588–0–0 pounds	75 copper, 25 nickel.
	Florin	67,553,636	6,755,363–0–0 pounds	Do.
	Shilling	45,576,923	2,278,845–0–0 pounds	Do.
	Sixpense	88,323,540	2,208,088–0–0 pounds	79 copper, 20 zinc, 1 nickel.
	Threepence	4,230,400	52,880–0–0 pounds	95.5 copper, 3 tin, 1.5 zinc.
	Penny	63,961,200	266,505–0–0 pounds	Do.
	Halfpenny	26,947,200	56,140–0–0 pounds	Do.
	Farthing	16,622,400	17,315–0–0 pounds	
	Maundy money			
	Fourpence	1,385	23–0–0 pounds	925 silver, 75 copper.
	Threepence	1,491	19–0–0 pounds	Do.
	Twopence	1,385	11–0–0 pounds	Do.
	Penny	1,397	6–0–0 pounds	Do.
Total		384,385,660	20,530,783–0–0 pounds	

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1946

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS FOR THE CALENDAR YEAR 1945

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FOR THE FISCAL YEAR ENDED JUNE 30

1946

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1945

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Director of the Mint

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1946

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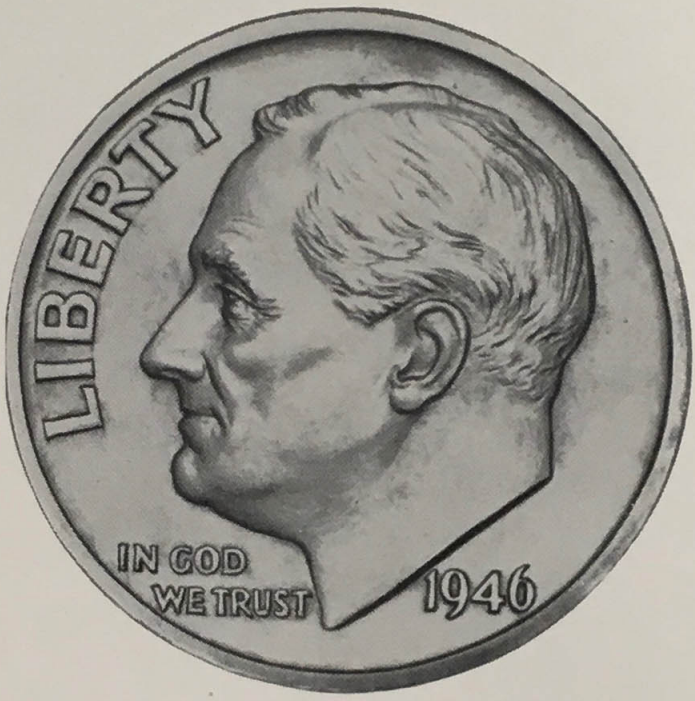

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NEW DESIGN DIME, JANUARY 1946

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 26, 1946.

SIR: In compliance with the provisions of Section 3547 of the Revised Statutes of the United States, I have the honor to submit herewith a report covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ended June 30, 1946, being the Seventy-fourth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1945.

OPERATION OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

Functions and Institutions of the Mint Service

The principal functions of the Mint Service consist of the manufacture of domestic coins; the safeguarding of the Government's holdings of the monetary metals, including coins in processing stages until finished and distributed to the Treasury or to the Federal Reserve Banks; and the acquisition of gold and silver bullion, payments for which are made on the basis of Mint assays. Other major activities include the refining of gold and silver; the manufacture of coins for foreign governments; and the production of medals and other decorations.

During the fiscal year 1946, seven field institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; Assay Offices at New York and Seattle; Gold Bullion Depository at Fort Knox; and Silver Bullion Depository at West Point. The Bureau of the Mint in Washington administers all Mint Service activities.

Coinage

Coinage production during the fiscal year 1946 amounted to a volume of 2.9 billion pieces, of which 1.7 billion pieces were United States coins and 1.2 billion were foreign coins. Details of production are given below.

Coinage for domestic use.—Domestic coins manufactured during the fiscal year 1946 totaled 1,658,127,100 pieces, compared with 2,646,134,101 pieces in 1945. Production for 1946 was as follows:

Domestic coinage executed, by Mints, during the fiscal year 1946

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars	$4,275,000	$4,098,000	$2,911,800	$11,284,800	22,569,600
Quarter dollars	13,425,000	2,098,000	1,801,000	17,324,000	69,296,000
Dimes	16,691,000	4,247,000	5,758,350	26,696,350	266,963,500
Total silver	34,391,000	10,443,000	10,471,150	55,305,150	358,829,100
MINOR					
5-cent pieces	7,003,350	3,028,950	2,099,000	12,131,300	242,626,000
1-cent pieces	6,786,640	1,354,700	2,425,380	10,566,720	1,056,672,000
Total minor	13,789,990	4,383,650	4,524,380	22,698,020	1,299,298,000
Total domestic coinage	48,180,990	14,826,650	14,995,530	78,003,170	1,658,127,100

Minor coinage alloys.—The 5-cent piece coined through December 31, 1945, was composed of 56 percent copper, 35 percent silver and 9 percent manganese. Beginning January 1946, the former alloy of 75 percent copper and 25 percent nickel was resumed. The 1-cent coins produced throughout the year were composed of 95 percent copper and 5 percent zinc.

New design dime.—The new Roosevelt dime was released on January 30, 1946, the late President's birthday. The obverse bears a portrait of the late Franklin Delano Roosevelt, to left; LIBERTY, around border to left side; lower left field, IN GOD WE TRUST; lower right field, date, 1946. The reverse, vertically in center a torch signifying LIBERTY; and olive branch on left signifying PEACE; an oak branch on right signifying STRENGTH and INDEPENDENCE. Above around border, UNITED STATES OF AMERICA; below around border, ONE DIME; across lower field, E. PLURIBUS UNUM. A total of 143,507,500 of the new dimes were produced during the fiscal year. (See illustrations facing page 1.)

Coinage for foreign governments.—Production of silver and minor coins for foreign governments totaled 1,198,811,798 pieces during the fiscal year 1946, compared with 1,388,971,000 pieces in 1945. Production was as follows:

Coinage by the United States Mints for other countries, fiscal year 1946

Country and denomination	Composition	Number of pieces coined			
		Philadelphia	San Francisco	Denver	Total
Colombia:					
5 centavos	25 nickel-75 copper	13,423,000	1,800,000		15,223,000
Cuba:					
5 centavos	70 copper-30 zinc	12,709,000			12,709,000
1 centavo	do	27,174,000			27,174,000
					39,883,000
El Salvador: 1 centavo	95 copper-5 zinc	5,000,000			5,000,000
Ethiopia: 5 cents	do	10,000,000			10,000,000
Netherlands East Indies:					
25 cents	720 silver-280 copper		40,960,000		40,960,000
10 cents	do	100,720,000			100,720,000
2½ cents	95 copper-5 zinc	185,801,000			185,801,000
1 cent	do	327,524,000	42,716,000	21,918,000	392,158,000
½ cent	do	113,612,000			113,612,000
					833,251,000
Philippines:					
50 centavos	750 silver-250 copper		14,295,000		14,295,000
20 centavos	do			56,832,000	56,832,000
10 centavos	do			91,760,000	91,760,000
5 centavos	12 nickel-65 copper-23 zinc		64,362,000		64,362,000
1 centavo	95 copper-5 zinc		29,465,798		29,465,798
					256,714,798
Saudi Arabia:[1]					
1 riyal	916⅔ silver-83⅓ copper	9,000,000			9,000,000
½ riyal	do	1,000,000			1,000,000
¼ riyal	do	2,000,000			2,000,000
					12,000,000
Venezuela:					
25 centimos	835 silver-165 copper	3,540,000			3,540,000
12½ centimos	25 nickel-75 copper	11,200,000			11,200,000
5 centimos	do	12,000,000			12,000,000
					26,740,000
Total foreign coinage		834,703,000	193,598,798	170,510,000	1,198,811,798

Summary of coinage for other countries, fiscal year 1946

Country	Monetary unit	Number of pieces coined	Face value in monetary units of issuing country
Colombia	Peso	15,223,000	761,150
Cuba	do	39,883,000	635,450
El Salvador	Colon	5,000,000	50,000
Ethiopia	Dollar	10,000,000	500,000
Netherlands East Indies	Guilder	833,251,000	29,444,395
Philippines	Peso	256,714,798	31,202,658
Saudi Arabia[1]	Riyal	12,000,000	10,300,000
Venezuela	Bolivar	26,740,000	2,885,000
Total		1,198,811,798	

[1] In addition, the Philadelphia Mint made 60,780 gold disks 916 ⅔ fine for Saudi Arabia.

Mint issue of domestic coins

During the fiscal year 1946 the mints issued coins with a face value of approximately $105 million. Issues were as follows:

Denomination	Number of pieces	Face value
Silver dollars	15,888,605	$15,888,605.00
Half dollars	33,564,037	16,782,018.50
Quarter dollars	85,202,706	21,300,676.50
Dimes	255,532,899	25,553,289.90
5-cent pieces	203,061,000	10,153,050.00
1-cent pieces	1,529,497,500	15,294,975.00
Total	2,122,746,747	104,972,614.90

Stock of domestic coins in the United States.—The total stock of domestic coins in the United States aggregated an estimated $1.7 billion as of June 30, 1946. Kind of coin and location are as follows:

Kind of coin	Total stock	Held in Treasury	Held by Federal Reserve Banks and Agents	In circulation
Silver dollars	$493,580,003	$350,855,763	$2,405,374	$140,318,866
Subsidiary coin	878,958,125	13,320,052	22,516,260	843,121,813
Minor coin	325,977,935	3,907,511	5,076,046	316,994,378
Total coin	1,698,516,063	368,083,326	29,997,680	1,300,435,057

Medals

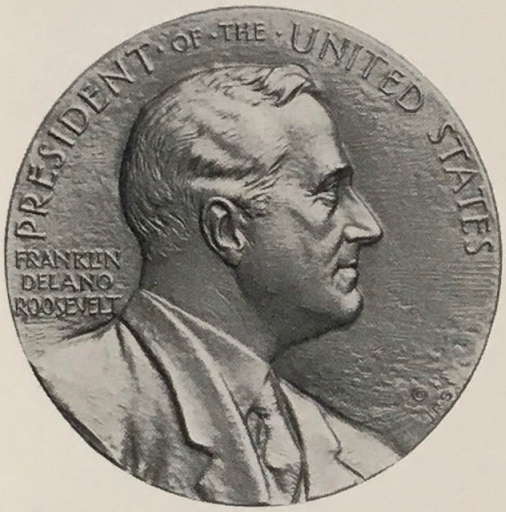
Production in the medal department of the Philadelphia Mint exceeded any previous year in the history of the Mint. Decorations for the armed forces totaling 1,205,125 pieces included 748,682 medals and 456,443 ribbon bars, lapel buttons, and other distinguishing devices. Medals included the Navy Cross, Silver Star, Distinguished Flying Cross, Navy and Marine Corps Medal, Air Medal, Purple Heart, and Bronze Star. In addition, 13,508 various commemorative medals with a value of $22,904 were sold to the public out of stock.

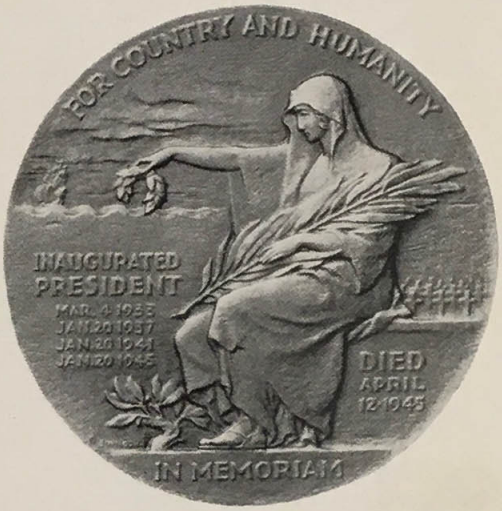
Gold and silver

Bullion deposit transactions.—Bullion deposit transactions during the fiscal year numbered 8,133, including 61 inter-mint transfers. Assay determinations required by the transactions numbered 19,626, including 632 determinations for the inter-mint transfers. In order to maintain uniformity in assay of bullion in the Mint Service all institutions use proof metal produced at one place; proof gold at the New York Assay Office, and proof silver at the Philadelphia Mint.

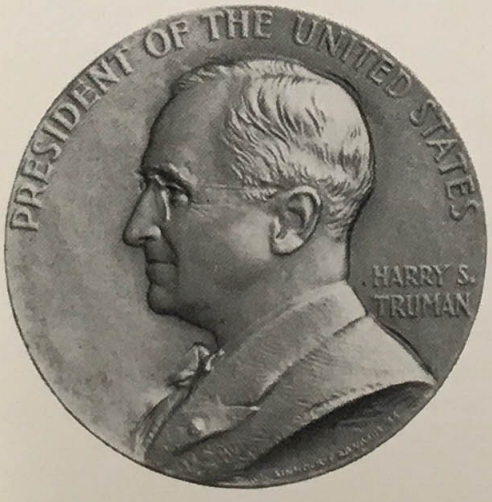
Long term storage of bullion.—No transfers of bullion to the depositories were made during 1946. There were withdrawals from storage, however, as follows: Gold withdrawn from Fort Knox amounting to 29,379,299 fine ounces, with a value of $1,028,275,480, was shipped to New York to meet the demand for industrial use, for earmarking

ROOSEVELT MEMORIAL MEDAL





TRUMAN PRESIDENTIAL MEDAL



purposes, and for export. Silver withdrawn from West Point for sales to industry under the Green Act, for lend-lease, and for coinage amounted to 105,128,971 fine ounces. On June 30, 1946, gold in storage at Fort Knox was valued at $12,483,415,360. Silver in storage at West Point amounted to 172,703,046 fine ounces.

Stock of gold and silver.—The total Treasury stock of gold bullion on June 30, 1946, was valued at $20,269,934,470. The Treasury stock of silver bullion on the same date aggregated 1,695,987,445 fine ounces.

Refineries.—During the fiscal year 1946 the refineries produced 2,946,191 fine ounces of gold and 3,354,506 fine ounces of silver by the electrolytic process. Output by each refinery was as follows:

Refinery	Electrolytic product	
	Gold	Silver
	Fine ounces	*Fine ounces*
San Francisco	657,856	967,989
Denver	1,407,659	845,937
New York	880,676	1,540,580
Total	2,946,191	3,354,506

Stocks of unrefined bullion.—Stocks of unrefined bullion on hand at the mint institutions on June 30, 1946, amounted to approximately 1,055 tons of gold and 594 tons of silver. Stocks at each institution were as follows:

Institution	Gold, fine ounces	Silver, fine ounces
Philadelphia	9,549	124,831
San Francisco	6,700,965	5,176,874
Denver	17,983,467	6,721,832
New York	6,055,257	5,295,741
Seattle	34,490	18,760
Total	30,783,728	17,338,038

Production and consumption of gold and silver in the United States during the calendar year 1945.[1]—Total gold production in 1945 amounted to 928,893 fine ounces with a monetary value of $32,511,255, compared with 1,022,238 fine ounces valued at $35,778,330 in 1944. Total silver production in 1945 amounted to 29,063,255 fine ounces compared with 35,651,049 fine ounces in 1944.

Consumption of gold by industry and the arts during 1945 was valued at $108,944,332 compared with $97,298,283 in 1944. Industrial consumption of silver during 1945 totaled 126,300,000 fine ounces compared with 120,100,000 fine ounces in 1944.

Gold operations.—Gold acquisitions, entered as classified melted receipts, amounted to $705,047,489 during the fiscal year 1946; receipts of domestic coin melted amounted to $281,074; and transfers between mint institutions amounted to $1,047,343,471. These transactions totaled $1,752,672,034 and included $3,194 of gold received

[1] See part II of the report for detailed tables on production and consumption.

at $20.67+ per fine ounce, the increment on which was $2,214. Details of deposits and purchases by number of ounces and by institution, are given in the addenda of this report.

Gold issue bars manufactured during the year numbered 107,337 and contained 23,222,780 fine ounces of gold with a value of $812,797,314. Details by institution were as follows:

Institution	Gold bars manufactured	
	Number	Fine ounces
Philadelphia	627	33,202
San Francisco	2,624	668,962
Denver	4,116	1,488,148
New York	99,970	21,032,468
Total	107,337	23,222,780

The mints at Philadelphia, San Francisco, and Denver and the New York Assay Office issued in exchange for cash, gold bars containing over 3.2 million fine ounces with a value of over $113 million during the fiscal year 1946, an increase of 73 percent over the preceding year. Monthly issues were as follows:

Month	Value of bars issued	Month	Value of bars issued
1945:		1946—Continued	
July	$2,331,569.10	March	$12,601,587.15
August	7,311,052.36	April	15,906,305.44
September	8,272,621.73	May	13,742,799.13
October	7,449,602.15	June	10,615,136.09
November	9,257,936.73		
December	7,385,134.70	Total fiscal 1946	113,097,557.25
1946:			
January	9,779,787.75	Total fiscal 1945	65,290,843.72
February	8,444,024.92		

Receipts and disbursements of gold bullion during the fiscal year 1946, and balances on hand June 30, 1946, as compared with June 30, 1945, are shown in the following table:

Institution	Balance on hand June 30, 1945	Receipts during fiscal year 1946 (details below) [1]	Total	Disbursements during fiscal year 1946 (details below) [1]	Balance on hand June 30, 1946 [2]
Philadelphia	$5,762,562.59	$8,829,881.88	$14,592,444.47	$10,954,562.53	$3,637,881.94
San Francisco	375,360,649.76	14,475,885.10	389,836,534.86	1,066,454.32	388,770,080.54
Denver	5,695,366,315.40	10,119,159.20	5,705,485,474.60	726,293.82	5,704,759,180.78
New York	624,376,992.10	1,717,904,000.39	2,342,280,992.49	711,453,285.13	1,630,827,707.36
Seattle	280,810.12	4,613,546.66	4,894,356.78	3,687,208.12	1,207,148.66
Fort Knox	13,511,690,840.61		13,511,690,840.61	1,028,275,480.33	12,483,415,360.28
Total	20,212,838,170.58	1,755,942,473.23	21,968,780,643.81	1,756,163,284.25	20,212,617,359.56

[1] Includes transfers.
[2] Includes prepaid bullion received in lieu of advances thereon.

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including melted coin)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$1,230,959.21	$3,719.13	$7,594,461.39	$742.15	$8,829,881.88
San Francisco	10,991,227.85	1,179.05	3,483,062.74	415.46	14,475,885.10
Denver	9,578,432.57	312.92	539,744.00	669.71	10,119,159.20
New York	681,817,586.60	26,785.68	1,036,059,291.24	336.87	1,717,904,000.39
Seattle	4,612,047.26	1,099.97	350.00	49.43	4,613,546.66
Fort Knox					
Total	708,230,253.49	33,096.75	1,047,676,909.37	2,213.62	1,755,942,473.23

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine bars paid to depositors or sold for cash	Transfers to mints, assay offices, and others	Gold in sweeps manufactures, etc., and operating losses	Total
Philadelphia	$1,162,091.07	$9,788,189.93	$4,281.53	$10,954,562.53
San Francisco	1,066,416.83		37.49	1,066,454.32
Denver	717,244.84		9,048.98	726,293.82
New York	258,764,469.58	452,687,396.37	1,419.18	711,453,285.13
Seattle		3,687,208.12		3,687,208.12
Fort Knox		1,028,275,480.33		1,028,275,480.33
Total	261,710,222.32	1,494,438,274.75	14,787.18	1,756,163,284.25

Silver operations.—Total silver receipts by the mints and assay offices during the fiscal year 1946 amounted to 44,891,463 fine ounces and were classified as follows:

Source or description	*Number of fine ounces received*
Newly mined domestic silver	1,306,290
Silver contained in gold deposits, etc	362,368
Silver received in exchange for Government-stamped bars	263,030
Uncurrent subsidiary coin for recoinage	1,182,377
Unfit standard silver dollars melted	72,140
Intermint transfers of silver	15,426,014
Deposits of silver in trust by foreign governments	26,279,244
Total receipts of silver	[1] 44,891,463

[1] Includes 128,287 fine ounces received for account of Reconstruction Finance Corporation, Office of Metals Reserve.

Details of purchases and deposits, by institution, are given in the addenda of this report.

The price paid for newly mined domestic silver during the fiscal year was $0.7111+ per fine ounce in accordance with the act of July 6, 1939. The price paid for silver contained in gold deposits and other miscellaneous silver from July–October 1945 was $0.44 per ounce. Such silver was purchased for account of the Office of Metals Reserve. During October the price was raised to $0.70 per ounce and the receipts were for account of the Treasury.

Silver issue bars manufactured during the year numbered 3,819 and contained 1,400,332 fine ounces of silver. Details by institution were as follows:

Institution	Silver bars manufactured	
	Number	Fine ounces
Philadelphia	377	35,116
San Francisco	1,843	76,830
New York [1]	1,599	1,288,386
Total	3,819	1,400,332

[1] In addition, the New York Assay Office manufactured coinage ingots containing 14,451,663 fine ounces of silver for use at the Philadelphia Mint.

Silver consumed in domestic coinage during the fiscal year 1946 amounted to 48,703,533 fine ounces, of which 40,006,363 ounces were used in subsidiary coinage, and 8,697,170 ounces in 5-cent coinage.

Mint sales of silver bullion under the Green Act from July 1 until December 31, 1945, when the act expired, totaled 58,440,839 fine ounces. Monthly sales were as follows:

Month, 1945	Fine ounces sold	Month, 1945	Fine ounces sold
July	5,828,323	November	10,049,021
August	4,702,322	December	28,352,200
September	3,274,992		
October	6,233,981	Total	58,440,839

Silver released to foreign governments under lend-lease procedure during the fiscal year totaled 76,542,583 fine ounces, of which 261,333 ounces went to Belgium; 26,000,000 ounces to Great Britain; 41,000,000 ounces to India; and 9,281,250 ounces to Saudi Arabia.

Treasury silver on lease to the Office of Defense Plants of the Reconstruction Finance Corporation, etc., amounted to 877,715,175 fine ounces at the close of the fiscal year.

During the fiscal year silver certificates in the amount of $388,803,232 were issued against 300,715,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. The difference between the cost of the silver and the monetary value was $248,298,454, and this amount constituted seigniorage.

Engraving Department activities

All coinage and medal dies used by the mints are produced by the engraving department of the Philadelphia Mint. During the fiscal year ended June 30, 1946, the engraving department produced 15,659 working dies for domestic coinage; 9,427 working dies for foreign coinage; numerous medal dies and several sculptured models, including models for foreign coins, a new design dime, and a Presidential medal. The designing, modeling, and production of dies is highly intricate work requiring the talents of skillful artists. All die work is under supervision of Mr. John R. Sinnock, engraver of the Philadelphia Mint. Mr. Sinnock personally designed and modeled the new Roosevelt dime, the Roosevelt Memorial Medal, and the Truman Presidential Medal, illustrations of which appear facing pages 1 and 4.

Operations of the melting and refining and of the coining departments, fiscal year 1946

The aggregate quantity of metals operated upon in the above-mentioned departments at the coinage mints, and assay office at New York, during the fiscal year ended June 30, 1946, was 27.9 million fine ounces of gold and 257.0 million fine ounces of silver. There were also operated upon at the coinage mints 1,055.9 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to the operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	490,376	490,490	142,622	490	114	----------	----------
Coining	131,746	131,764	----------	66	17	----------	----------
San Francisco Mint:							
Melting and refining	7,400,296	7,400,228	814,168	7,400	----------	67	----------
Coining	635	3,124	----------	----------	2,489	----------	----------
Denver Mint:							
Melting and refining	99,566,523	99,564,767	1,976,526	99,566	----------	1,756	----------
Coining	----------	6	----------	----------	6	----------	----------
New York Assay Office melting and refining	28,496,766	28,497,502	24,960,562	28,496	736	----------	----------
Total melting and refining	135,953,961	135,952,987	27,893,878	135,952	----------	[1] 973	----------
Total coining	132,381	134,894	----------	66	2,512	----------	----------
Grand total	136,086,342	136,087,881	27,893,878	136,018	[1] 1,539	----------	----------

SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	127,803,101	127,795,381	37,773,656	191,704	----------	7,720	0.2044
Coining	71,745,300	71,740,932	57,554,774	71,745	----------	4,369	.0759
San Francisco Mint:							
Melting and refining	517,095,714	517,150,266	34,839,593	775,643	54,552	----------	----------
Coining	33,259,745	33,239,345	29,412,809	33,259	----------	20,400	.6936
Denver Mint:							
Melting and refining	57,780,386	57,817,392	44,315,001	86,670	37,006	----------	----------
Coining	39,750,059	39,726,374	31,774,166	39,750	----------	23,686	.7454
New York Assay Office melting and refining	23,017,185	23,025,600	21,292,045	34,525	8,415	----------	----------
Total melting and refining	725,696,386	725,788,639	138,220,295	1,088,544	[1] 92,253	----------	----------
Total coining	144,755,104	144,706,651	118,741,749	144,755	----------	48,455	.4081
Grand total	870,451,490	870,495,290	256,962,044	1,233,299	[1] 43,798	----------	----------

5-CENT COINAGE METAL

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	14,748,578	13,979,809	14,501,648	----------	----------	768,769	53.0125
Coining	15,329,969	15,288,474	15,329,969	----------	----------	41,495	2.7067
San Francisco Mint:							
Melting and refining	8,857,859	8,727,138	8,641,979	----------	----------	130,451	15.0950
Coining	8,523,586	8,492,839	8,523,586	----------	----------	30,748	3.6074
Total melting and refining	23,606,437	22,706,947	23,143,627	----------	----------	899,220	38.8539
Total coining	23,853,555	23,781,313	23,853,555	----------	----------	72,243	3.0286
Grand total	47,459,992	46,488,260	46,997,182	----------	----------	971,463	20.6706

NICKEL COINAGE METAL

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	56,419,468	55,896,918	51,597,731	----------	----------	522,551	10.1274
Coining	50,924,254	50,893,700	47,652,030	----------	----------	30,554	.6412
San Francisco Mint:							
Melting and refining	11,822,522	11,817,022	5,830,930	----------	----------	5,500	.9432
Coining	14,794,620	14,765,019	14,794,620	----------	----------	29,600	2.0007
Denver Mint:							
Melting and refining	11,498,140	11,429,897	9,927,125	----------	----------	68,242	6.8743
Coining	9,588,126	9,582,362	8,502,876	----------	----------	5,764	.6779
Total melting and refining	79,740,130	79,143,837	67,355,786	----------	----------	596,293	8.8528
Total coining	75,307,000	75,241,081	70,949,526	----------	----------	65,918	.9291
Grand total	155,047,130	154,384,918	138,305,312	----------	----------	662,211	.4788

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	350,104,217	347,628,047	339,889,753	----------	----------	2,476,171	7.2852
Coining	378,677,503	378,566,380	357,963,263	----------	----------	111,123	.3104
San Francisco Mint:							
Melting and refining	45,257,045	45,201,901	41,673,727	----------	----------	55,144	1.3233
Coining	39,891,440	39,826,213	39,891,440	----------	----------	65,227	1.6358
Denver Mint:							
Melting and refining	52,235,358	52,016,505	50,783,152	----------	----------	218,852	4.3095
Coining	51,734,216	51,719,566	40,410,255	----------	----------	14,650	.3625
Total melting and refining	447,596,620	444,846,453	432,346,632	----------	----------	2,750,167	6.3610
Total coining	470,303,159	470,112,159	438,264,958	----------	----------	191,000	.4358
Grand total	917,899,779	914,958,612	870,611,590	----------	----------	2,941,167	3.3783

[1] Net.

Sweeps cellar operations fiscal year 1946 (includes crushed discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
				Bars recovered		Tailings	
		Bags	Net avoirdupois	Gold	Silver	Gold	Silver
			Pounds	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	123	13,364	72.564	12,920.98	----------	130,020.60
Do	San Francisco	706	62,394	2.693	1,110.00	49.011	4,054.36
Refinery	do	183	19,317	8.868	395.62	345.312	1,582.60
Do	Denver	1,019	85,294	358.561	11,025.57	----------	----------
Do	New York	833	56,745	2,943.307	8,839.83	----------	----------
Coining department	Philadelphia	36	3,859	1.766	1,871.14	9.923	44,785.33
Do	San Francisco	15	1,410			1.269	1,911.59
Do	Denver	113	2,754	5.942	1,344.23	----------	----------
Deposits division	Philadelphia	3	262	42.514	64.50	----------	----------
Do	San Francisco	15	1,610	15.091	107.58	1.618	22.43
Do	Denver	108	10,599	80.445	420.08	----------	----------
Total	----------	3,154	257,608	3,531.751	38,099.53	407.133	182,376.91

Bullion gains and losses

The net gains from operations on gold and silver bullion during the fiscal year 1946 amounted to $57,993.07.

Item	Mint at—			Assay Office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from refining and coining operations	$4,595.68	$30,529.56	$15,766.10	$29,985.30	----------	$80,876.64
Recovered incident to receipt of bullion deposits	1,346.21	805.74	261.18	1,033.83	$632.97	4,079.93
Gains on lightweight and mutilated coin received for recoinage	26.96	6.22	12.57	.14	----------	45.89
Gains on bullion shipments	----------	----------	----------	----------	[1] 371.62	[1] 371.62
Total gains	5,968.85	31,341.52	16,039.85	31,019.27	1,004.59	85,374.08
Wasted in refining and coining operations	5,152.54	13,671.26	8,557.21	----------	----------	27,381.01
Net gains	816.31	17,670.26	7,482.64	31,019.27	1,004.59	57,993.07

[1] Net.

Wastage of coinage metal and loss on sale of sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1946, was $137,772.47. A loss of $4,889.83 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Total
	Philadelphia	San Francisco	Denver	
Gold wastage: Melting and refining department	----------	$2,361.98	$61,461.65	$63,823.63
Silver wastage:				
Melting and refining department	$3,290.42	----------	----------	3,290.42
Coining department	1,862.12	11,309.23	8,557.21	21,728.56
5-cent alloy coinage wastage:				
Melting and refining department	13,424.01	2,759.39	837.86	17,021.26
Coining department	724.56	344.95	70.77	1,140.28
Nickel wastage:				
Melting and refining department	6,097.12	66.86	----------	6,163.98
Coining department	356.51	117.34	----------	473.85
Bronze wastage:				
Melting and refining department	20,321.76	399.81	1,846.94	22,568.51
Coining department	911.98	526.37	123.63	1,561.98
Loss on sales of sweeps	2,702.73	----------	2,187.10	4,889.83
Total wastage and loss	49,691.21	17,885.93	75,085.16	142,662.30
Reimbursements:				
Gold, departmental wastage offset by other departmental surpluses	----------	87.12	207.97	295.09
Silver, departmental wastage offset by other departmental surpluses	----------	11,309.23	8,557.21	19,866.44
5-cent alloy, nickel, and bronze wastage from minor coinage profits	25,206.90	4,214.72	2,879.20	32,300.82
Bronze and nickel wastage offset by charges to Foreign metals accounts	16,629.04	----------	----------	16,629.04
Other wastages, and loss on sweeps from appropriation	7,855.27	2,274.86	63,440.78	73,570.91
Total reimbursements	49,691.21	17,885.93	75,085.16	142,662.30

Appropriations, income and expenses

Regular appropriations available for the mint service during the fiscal year 1946 totaled $5,565,800, consisting of the following: Salaries and expenses, Office of Director of the Mint, $145,000; transportation of bullion and coin, $12,800; printing and binding, $8,000; and salaries and expenses, mints and assay offices, $5,400,000.

Supplemental appropriations under the joint resolution approved April 19, 1946, making additional appropriations for the fiscal year 1946 to pay increased compensation to officers and employees, authorized by legislation enacted during or applicable to that fiscal year were: Salaries and expenses, Office of the Director of the Mint, $23,000; and salaries and expenses, mints, and assay offices, $242,900.

The following is a statement of the income and expenses of the mint service for the fiscal year 1946, and the number of employees on June 30, 1946.

Institution	Gross income [1]	Gross expenses	Excess of income or expenses (—)	Number of employees on June 30, 1946
Philadelphia	$39,023,472	$7,034,695	$31,988,777	1,652
San Francisco	10,936,437	1,872,879	9,063,558	263
Denver	11,855,378	1,782,907	10,072,471	334
New York [2]	272,210,757	689,404	271,521,353	199
Seattle	23,478	27,111	—3,633	10
Fort Knox		106,592	—106,592	39
Bureau of the Mint		171,651	—171,651	50
Total	334,049,522	11,685,239	322,364,283	2,547

[1] Includes $2,214 increment on revalued gold; $35,716,943 seigniorage on silver coin; $16,853,374 seigniorage on minor coin; $248,298,454 seigniorage on silver bullion revalued; and profit on sale of silver bullion $25,116,650
[2] Includes Assay Office at New York City and silver bullion depository at West Point.

Employees.—The total number of officers and employees, by departments, on June 30, 1946, is shown in the following statement:

Institution	Established under act of—	Number of employees, by departments										
		General					Engraving	Assaying	Coining	Melting and refining	Total	
		Administrative, etc.	Custodial: Guards	Custodial: Other	Mechanical	Deposits Division					June 30, 1946	June 30, 1945
Bureau of the Mint	Feb. 12, 1873	50									50	51
Philadelphia Mint	Apr. 2, 1792	121	71	63	116	66	32	10	819	354	1,652	2,608
San Francisco	July 3, 1852	31	29	6	28	9		12	76	72	263	424
Denver Mint	Apr. 21, 1862	34	38	2	53	4		8	114	81	334	437
New York Assay Office	Mar. 3, 1853	30	31	13	11	21		18		58	182	160
West Point Depository	June 22, 1936 [1]		16	1							17	14
Seattle Assay Office	May 21, 1898	3	2					3		2	10	6
Fort Knox Depository	Aug. 13, 1935 [1]	3	32	4							39	36
Total 1946		272	219	89	208	100	32	51	1,009	567	2,547	
Total 1945		341	199	89	203	128	33	45	1,867	831		3,736

[1] Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin for 1945

Section 3547 of the Revised Statutes of the United States, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 13, 1946, reported the following results of their examination of the 1945 coinage:

Annual assay coins reserved at various mints during the calendar year 1945

Denomination	Philadelphia		Denver		San Francisco	
	Pieces	Value	Pieces	Value	Pieces	Value
Half dollar	15,751	$7,875.50	4,985	$2,492.50	5,078	$2,539.00
Quarter dollar	37,186	9,296.50	6,171	1,542.75	8,502	2,125.50
Dime	79,565	7,956.50	20,123	2,012.30	20,960	2,096.00
Total	132,502	25,128.50	31,279	6,047.55	34,540	6,760.50

REPORT OF THE COMMITTEE ON COUNTING

In accordance with section 3539 of the Revised Statutes, the committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved was made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

At random the three committees selected from the deliveries a certain number of packages, and it was the intention of the committees to include all denominations. Of the packages selected, the coins contained therein were counted and it was found that a sufficient number of pieces had been reserved in each instance as against the amounts shown to be delivered to the superintendents of the respective mints for that particular day, in accordance with the provisions of section 3539 of the Revised Statutes of the United States, which requires that 1 silver coin be reserved out of each 2,000 delivered.

REPORT OF THE COMMITTEE ON WEIGHING

The committee on weighing reports that it selected at random a total of 170 coins, consisting of 85 coins from the Philadelphia Mint, 40 coins from the Denver Mint, and 45 coins from the San Francisco Mint. These coins were taken from 757 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from that Bureau showing that the errors of all weights of the set were negligible.

Weighings were made with a precision of 0.01 grain on a balance, the sensitiveness, accuracy, and reliability of which was tested and found adequate before the beginning of the work on February 13, and again on the morning of February 14.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of each denomination from each mint as found from individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grain*	*Grain*	*Grain*	*Grains*	*Grain*	*Grain*
Half dollar	1.5	0.930	0.808	0.663	1.158	0.777	0.807
Quarter dollar	1.5	.885	.881	.583	.756	.505	.660
Dime	1.5	.854	.882	.675	.608	.398	.506

Considering the 170 coins as a group, the average deviation, with regard to sign was found to be only 0.034 grain. In other words, of the coins weighed, the 97 coins were very nearly offset by the 73 coins. The average error without regard to sign was 0.34 grain. In general, any coin taken at random from any mint appears equally likely to be heavy or light.

REPORT OF THE COMMITTEE ON ASSAYING

In compliance with section 3547 of the Revised Statutes, the Committee on Assaying is pleased to report that the assays have been completed on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1945, by the United States Mints at Philadelphia, Denver, and San Francisco.

No gold was coined at any of the mints during the year.

The results of assays on individual coins and mass melts of coins are satisfactory, being well within the limits of tolerance, which is three one-thousandths for silver coinage.

The highest and lowest assay on an individual coin from each of the three mints is as follows:

	Highest	*Lowest*
Philadelphia Mint	900.4	898.4
Denver Mint	900.4	898.6
San Francisco Mint	900.4	898.6
Result of mass melting:		
Philadelphia Mint	899.3	
Denver Mint	899.5	
San Francisco Mint	899.3	

The assay balances were tested and found to be in adjustment. The nitric acid used for assaying was found to be free from chlorine and the weights used for weighing the samples for assay were checked against a set of weights that had been standardized by the National Bureau of Standards.

The foregoing report, covering the operations of the mints, assay offices, and bullion depositories of the United States for the fiscal year ending June 30, 1946, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. JOHN W. SNYDER,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES FOR THE CALENDAR YEAR 1945

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1945

INTRODUCTION

The official estimate of production of gold and silver in the United States, made by the Bureau of the Mint, is based upon arrivals at United States Mints and Assay Offices and at privately owned refineries. The mints and assay offices determine the State source of all newly-mined unrefined material at the time deposits are received. The State source of material received by privately owned refineries is determined from information submitted by them and by intervening smelters, mills, etc., involved in the reduction processes.

The estimated industrial consumption of gold and silver is based upon sales by mints and assay offices, private refiners, dealers and manufacturers, plus an estimate of domestic coin melted for industrial use. From the total thus calculated there is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net materials consumed.

Gold production

Production of gold during the calendar year 1945 by the several States, Alaska, and the Philippine Islands, based on arrivals at mints and assay offices and private refineries, amounted to approximately 929,000 fine ounces with a value of $32.5 million. While the total production was 9 percent smaller than in 1944, several States showed an increase. These States were California, New Mexico, South Dakota, Vermont, Washington, and Alaska. Utah was the leading producer in 1945 with an output valued at $9.5 million, followed in order by California with $5.0 million, Colorado with $3.6 and Nevada with $3.2 million.

The grand total gold production of the United States and Territories since 1792 amounts to 274,512,636 fine ounces valued at $6,328,473,355. For production by calendar years 1792–1943, see the 1944 Annual Report of the Director of the Mint, page 36.

Production in 1944 and 1945 of gold mined in the several States and Territories, with percentage increase (+) or decrease (−) for the latter year (based on arrivals at mints and assay offices and private refineries)

State in which mined	Gold refinery production				
	1944		1945		Percentage change
	Ounces	Value [1]	Ounces	Value [1]	
Alabama			5	$175	
Alaska	50,848	$1,779,680	60,331	2,111,585	+18.6
Arizona	127,619	4,466,665	78,246	2,738,610	−38.7
California	115,555	4,044,425	142,794	4,997,790	+23.6
Colorado	111,484	3,901,940	101,635	3,557,225	−8.8
Georgia	4	140			
Idaho	22,326	781,410	18,820	658,700	−15.7
Montana	49,127	1,719,445	42,094	1,473,290	−14.3
Nevada	115,561	4,044,635	90,596	3,170,860	−21.6
New Mexico	11,535	403,725	13,384	468,440	+16.0
North Carolina	21	735			
Oregon	1,290	45,150	734	25,690	−43.1
Pennsylvania	2,117	74,095	1,608	56,280	−24.0
South Dakota	10,875	380,625	41,002	1,435,070	+277.0
Tennessee	222	7,770	148	5,180	−33.3
Texas	43	1,505			
Utah	353,550	12,374,250	270,969	9,483,915	−23.4
Vermont	101	3,535	102	3,570	+1.0
Virginia	95	3,325	74	2,590	−22.1
Washington	49,846	1,744,610	52,857	1,849,995	+6.0
Wyoming	19	665	4	140	
Philippines			13,490	472,150	
Total	1,022,238	35,778,330	928,893	32,511,255	−9.1

[1] Gold valued at $35 per ounce.

Silver production

Production of silver during the calendar year 1945 by the several States, Alaska and the Philippine Islands, based on arrivals at mints and assay offices and private refineries, amounted to over 29 million fine ounces, a decrease of 18 percent over the output in 1944. Five States, however, showed an increased production in 1945, namely, California, Colorado, New Mexico, South Dakota, and Vermont. Idaho ranked first with 8.2 million ounces; Utah ranked second with 6.2 million ounces, followed by Montana with 5.5 million, and Arizona with 3.4 million ounces.

The grand total silver production of the United States and Territories since 1792 amounts to 3,891,014,674 fine ounces with a commercial value of $2,988,468,671. For production by calendar years 1792–1943, see the 1944 Annual Report of the Director of the Mint, page 36.

The following table gives the estimated production, by State, for the calendar years 1944 and 1945:

Production in 1944 and 1945 of silver mined in the several States and Territories, with percentage increase (+) or decrease (−) for the latter year (based on arrivals at mints and assay offices and private refineries)

State in which mined	Silver refinery production				Percentage change
	1944		1945		
	Ounces	Value [1]	Ounces	Value [1]	
Alabama			1	$1	
Alaska	15,240	$10,837	8,811	6,266	−42.2
Arizona	4,674,097	3,323,802	3,411,405	2,425,888	−27.0
California	791,519	562,858	950,211	675,706	+20.0
Colorado	2,136,140	1,519,033	2,406,844	1,711,534	+12.7
Idaho	10,645,179	7,569,905	8,227,758	5,850,850	−22.7
Illinois	3,002	2,135	1,546	1,099	−48.5
Michigan	53,605	38,119	20,007	14,227	−62.7
Missouri	104,361	74,212	20,494	14,574	−80.4
Montana	6,669,273	4,742,594	5,493,448	3,906,452	−17.6
Nevada	1,408,259	1,001,429	1,155,860	821,945	−17.9
New Mexico	545,081	387,613	653,893	464,991	+20.0
New York	39,029	27,754	14,200	10,098	−63.6
North Carolina	1,461	1,039			
Oregon	18,599	13,226	12,352	8,784	−33.6
Pennsylvania	13,549	9,635	10,530	7,488	−22.3
South Dakota	5,312	3,777	41,191	29,291	+675.4
Tennessee	45,907	32,645	35,391	25,167	−22.9
Texas	21,471	15,268	20,849	14,826	−2.9
Utah	8,104,520	5,763,214	6,244,394	4,440,458	−23.0
Vermont	18,914	13,450	20,038	14,249	+5.9
Virginia	19,297	13,722	8,505	6,048	−55.9
Washington	317,231	225,586	288,303	205,015	−9.1
Wyoming	3	2	16	11	
Philippines			17,208	12,237	
Total	35,651,049	25,351,855	29,063,255	20,667,205	−18.5

[1] Silver valued in 1944 and 1945 at $0.7111+, the price established for newly mined domestic silver by act of July 6, 1939.

Gold consumption

Gold used in the industrial arts in the United States during the calendar year 1945 is estimated at 3.1 million fine ounces with a value of $108.9 million, compared with 2.8 million fine ounces valued at $97.3 million in 1944, an increase of 12 percent. The following statement shows a comparison of gold consumption during the calendar years 1944 and 1945:

Gold consumption	Calendar year 1944	Calendar year 1945
	Value	*Value*
Bar sales by mints and assay offices [1]	$41,589,833	$82,763,912
Sales by private refiners and dealers	[2] 81,387,390	57,172,325
Total	122,977,223	139,936,237
Old jewelry, plate, scrap, etc. returned to private refiners and dealers, and to monetary use	25,678,940	30,991,905
Net new material used in industry	97,298,283	108,944,332

[1] See table on page 6 for mint issues of gold by months.
[2] Revised.

Silver consumption

Silver used in arts and industry in the United States during the calendar year 1945 is estimated to have aggregated 126.3 million fine ounces, an increase of 6.2 million ounces over the amount used in 1944. The statement below compares the amounts issued in 1944 and 1945:

Silver consumption	Calendar year 1944	Calendar year 1945
	Fine ounces	*Fine ounces*
Bar payment in exchange for bullion at mints and assay offices	154,196	183,925
Bar sales under Green Act by mints and assay office [1]	38,287,082	81,560,599
Silver in various forms issued by private refiners and dealers [2]	137,770,787	102,606,868
United States silver coin (estimated)	77,344	309,375
Total	176,289,409	184,660,767
Old jewelry, plate, scrap, etc., returned to private refiners and dealers and to monetary use	56,189,409	58,360,767
Net new material used in industry	120,100,000	126,300,000

[1] Excludes silver sold under Green Act for monetary use.
[2] Excludes silver purchased from mints and assay offices under Green Act.

Review of Gold and Silver Mining Industry

A review of the gold and silver mining industry in the various States and Alaska for the calendar year 1945, for which acknowledgment is made to the United States Bureau of Mines, follows. It should be noted that production figures stated therein are based on a mine canvass of recoverable metal and, due principally to the time lag involved before this material reaches the mints and assay offices and private refineries, will not necessarily agree, on a yearly basis, with the figures published by the Bureau of the Mint.

ALASKA

The value of the production of gold and silver from mines in Alaska was $2,391,194 in 1945, compared with $1,734,862 in 1944, according to Charles White Merrill, United States Department of the Interior, Bureau of Mines. Gold recovered from ores and gravels totaled 68,117 fine ounces valued at $2,384,095, an increase of 38 percent from the 1944 output but only 9 percent of the quantity produced in 1940, the recent peak year. Except for 1944, the 1945 output was the smallest since 1894. Alaska silver production in 1945—9,983 fine ounces valued at $7,099—was 25 percent less than in 1944 and the smallest since 1893.

Of the total Alaska output of gold in 1945, placer mines produced 85 percent and floating connected-bucket dredges 51 percent, compared with 68 percent for all placers and 53 percent for dredges in 1944. Fourteen dredges operated in 1945, compared with 9 in 1944. Other placer operations numbered 188 and recovered 34 percent of the total gold produced, compared with 189 operations producing 15 percent in 1944. The connected-bucket dredge operators producing over 2,500 ounces of gold in 1945 listed in order of output were: Arctic Circle Exploration Co., Fairhaven district; United States Smelting, Refining, and Mining Co., Fairbanks district; New York Alaska Gold

Dredging Co., Tuluksak-Aniak district; and Gold Placers, Inc., Circle district. No other placer operator produced as much as 2,500 ounces of gold in 1945.

Eighteen lode mines were active in 1945, compared with 9 in 1944, and these contributed 15 percent of the total gold output, compared with 32 percent in 1944. Virtually all the lode gold was recovered at amalgamation mills from gold ore. Idleness of the Alaska Juneau Gold Mining Co. mine at Juneau was the principal cause of the greatly reduced importance of lode gold in Alaska's total production. This company closed its mine indefinitely on April 9, 1944, but gold recovered from a mill clean-up resulted in the company ranking as Alaska's second largest lode gold producer in 1945. The Cleary Hill Mines Co., the leading producer in 1945, operated its mine on Cleary Creek in the Fairbanks district.

The total production of gold and silver in Alaska, in terms of recovered metals, from 1880 through 1945, has been 25,856,647 ounces of gold, valued at $617,997,247, and 19,748,505 ounces of silver, valued at $14,047,822.

ARIZONA

Despite the rescinding, effective July 1, 1945, of the War Production Board gold-mine closing order (L–208), issued October 8, 1942, the output of gold in Arizona declined from 112,162 fine ounces valued at $3,925,670 in 1944 to 77,223 fine ounces valued at $2,702,805 in 1945, a 31 percent loss, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines; no revival at gold mines in the State was in evidence during the year. Copper ore is the principal source of gold in Arizona, and in 1945 the output of gold from this source declined 28,848 ounces (32 percent) from that in 1944, owing to the large decrease in production of copper ore; and gold from siliceous ores declined 8,427 ounces (78 percent) but that from zinc-lead ore increased 3,580 ounces (49 percent). Gold from lode mines decreased from 111,920 ounces in 1944 to 76,683 ounces in 1945, but that from placer mines increased from 242 to 540 ounces. Copper ore yielded more than 80 percent of the State total gold, zinc-lead ore 14 percent, siliceous ores 3 percent, and lead ore, zinc-copper ore, and placers most of the remainder. Gold recovered from ore amalgamated amounted to 25 ounces; from old tailings cyanided, 4 ounces; from concentrates smelted, 51,573 ounces; from crude ore sent direct to smelters, 25,081 ounces; and from placers, 540 ounces. The chief gold-producing districts in Arizona in 1945 were Ajo, Warren (Bisbee), Verde (Jerome), Big Bug, Copper Mountain (Morenci), Pioneer (Superior), and Globe-Miami. The New Cornelia mine of the Phelps Dodge Corp. in Pima County was the leading gold producer in Arizona; it was followed by the Copper Queen (Bisbee) branch of the Phelps Dodge Corp. in Cochise County, the United Verde and Iron King mines in Yavapai County, the Morenci branch of the Phelps Dodge Corp. in Greenlee County, the Magma mine in Pinal County, and the Denn mine in Cochise County. These seven properties produced 88 percent of the State total output.

The total gold production in the State of Arizona, in terms of recovered metals, from 1860 to 1945, inclusive, has been 10,789,135 ounces.

The output of recoverable silver in Arizona in 1945 was 3,558,216 fine ounces (valued at $2,530,287)—a 19 percent decrease from 1944. The chief decreases were 992,865 ounces (32 percent) in silver from copper ore, 106,466 ounces (50 percent) from zinc-copper and zinc-lead-copper ores, 45,044 ounces (23 percent) from siliceous ores, and 27,749 ounces (34 percent) from lead ore. The only increase was 330,264 ounces (42 percent) from zinc-lead ore. Copper ore yielded 59 percent of the State total silver; zinc-lead ore, 32 percent; siliceous ores, 4 percent; zinc-copper ore and zinc-lead-copper ore, 3 percent; and lead ore and zinc ore nearly all the remainder. The Phelps Dodge Corp. continued to be the chief silver producer in Arizona, although its output was 23 percent less than in 1944; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 68 percent of the State gold output, more than 56 percent of the silver, and 58 percent of the copper. Other large silver producers in Arizona in 1945 were the Iron King, Magma, Trench-Flux, San Xavier (Eagle-Picher Mining & Smelting Co.), Castle Dome, and Shattuck Denn properties. The chief silver-producing districts were the Warren (Bisbee), Verde (Jerome), Copper Mountain (Morenci), Big Bug, Ajo, Pioneer (Superior), Globe-Miami, Harshaw, and Pima; more than 40 percent of the total silver came from the Warren and Verde districts, but the output from these districts decreased 701,574 ounces from 1944.

The total silver production in the State of Arizona, in terms of recovered metals, from 1860 to 1945, inclusive, has been 289,418,649 ounces.

CALIFORNIA

California gold production in 1945 was 26 percent above the record low level of 1944, an increase for the first year since 1940, according to Alfred L. Ransome and Burton H. Marliave, of the United States Department of the Interior, Bureau of Mines. Silver production was 27 percent higher than in 1944, making 1945 the second consecutive year of increase.

The upward trend in gold production was largely the result of termination of War Production Board Limitation Order L–208 on July 1, 1945, the immediate effect of which was an accelerated output from placer-mining operations. A continuation of higher wages, rising prices of supplies and equipment and difficulties of obtaining them, high taxes, the fixed price for gold, and the country-wide economic uncertainty following the end of the war were factors that prevented a more rapid recovery.

Monthly gold-production figures covering the period since January 1937 show an upward trend until a peak was reached during 1940. In 1941, however, a reaction set in which gained headway in 1942. By February 1943, a production of 8,547 ounces was reported compared with a high of 149,718 ounces recorded in December 1940. The 1945 monthly data reveal a decided upward trend in the latter half of the year, the production in January being 10,126 ounces, in June 8,970 ounces (the low point for the year), and in December 18,266 ounces. The monthly average for 1945 was 12,328 ounces compared with a monthly average of 9,781 ounces in 1944; in 1940 the monthly average was 121,306 ounces.

The output of recoverable gold from California ores, gravels, and retreated tailings in 1945 was 147,938 fine ounces valued at $5,177,830 compared with 117,373 ounces valued at $4,108,055 in 1944; the increase in both quantity and value was 26 percent. In 1945, 87 lode mines produced 54,458 ounces of gold, valued at $1,906,030, and 99 placer mines produced 93,480 ounces of gold, valued at $3,271,800. Placer mines supplied 63 percent and lode mines 37 percent of the total in 1945 compared with 64 percent for placer mines and 36 percent for lode mines in 1944. Of the gold derived from lode operations 86 percent was recovered from dry gold ore, 8 percent from zinc ore, 3 percent from lead ore, 1 percent from copper ore, and the remainder from gold-silver, zinc-copper, and zinc-lead ores. Metallurgical data show that 21 percent of the lode gold in 1945 (35 percent in 1944) was recovered by smelting of concentrates, 51 percent (35 percent in 1944) by amalgamation of ore and old tailings, 22 percent (22 percent in 1944) by cyanidation of ore, old tailings, and concentrates, and 6 percent (8 percent in 1944) by smelting of ore and old tailings.

Although the yardage of material handled at placer mines increased 38 percent, the output of placer gold gained only 25 percent. On the other hand, lode gold production advanced 29 percent despite a reduction in the tonnage of material treated.

In the following data on placer mining, 1944 figures are given in parentheses. Dredging was the leading method of working placer deposits in 1945, both as to yardage of gravel washed and the quantity of placer gold recovered. Floating dredges of the connected-bucket type washed 30,738,000 (21,524,000) cubic yards of gravel and recovered 88,318 (64,925) ounces of gold valued at $3,091,130 ($2,272,375) or 94 (87) percent of the placer gold produced in the State in 1945. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) washed 414,400 (1,213,000) yards of gravel which yielded 1,242 (6,241) ounces of gold valued at $43,470 ($218,435). Nonfloating washing plants to which gravel was delivered by mechanical means washed 519,300 (223,000) yards of gravel and recovered 974 (1,210) ounces of gold valued at $34,090 ($42,350). Hydraulic mines produced 922 (838) ounces of gold valued at $32,270 ($29,330) derived from 282,300 (212,000) yards of gravel; 2,700 (3,800) yards of gravel from drift mines were washed, from which 498 (424) ounces of gold valued at $17,430 ($14,840) were recovered. Small-scale hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, and pans, was used in the production of 1,526 (1,408) ounces of gold valued at $53,410 ($49,280).

Nevada County stood first among California leading gold-producing counties in 1945; most of the gold produced in the county was credited to lode mines in the Grass Valley-Nevada City district. Sacramento and Yuba Counties, because of the productivity of connected-bucket dredges following the termination of Order L–208, ranked second and third, respectively, in 1945. Stanislaus County, which occupied fourth place, derived all of its 1945 gold output from connected-bucket dredging. San Joaquin County, which occupied fifth place, derived almost all of its 1945 gold production from connected-bucket dredging. Other counties producing over $100,000 in gold in 1945, listed in order of output, were Butte County (largely connected-bucket dredging),

Sierra County (gold ore), Shasta County (dredging), Tuolumne County (gold ore), and Mariposa County (zinc ore and gold ore).

The principal gold-producing mines in California in 1945, listed by operators in order of output, were the Yuba Consolidated Gold Fields (Yuba Unit), Yuba County (dredge); Natomas Co., Sacramento County (dredge); Idaho Maryland Mines Corp., Nevada County (gold ore); Empire Star Mines Co., Ltd., Nevada County (gold ore); Gold Hill Dredging Co., San Joaquin County (dredge); Tuolumne Gold Dredging Corp., Stanislaus County (dredge) Eagle Shawmut Mine, Tuolumne County (gold ore); Original Sixteen to One Mine, Inc., Sierra County (gold ore); Capital Dredging Co., Sacramento County (dredge); Eagle Shawmut Mine (Penn mine), Calaveras County (zinc ore); La Grange Gold Dredging Co., Stanislaus County (dredge); Ancho-Erie Mining Co., Nevada County (gold ore); French Gulch Dredging Co., Shasta County (dredge); Gold Hill Dredging Co., Butte County (dredge), and Yuba Consolidated Gold Fields (Butte Unit), Butte County (dredge).

The output of silver from California ores, gravels, and retreated tailings in 1945 was 986,798 fine ounces, valued at $701,723, compared with a production of 778,936 ounces, valued at $533,910, in 1944. Of the lode silver 57 percent was derived from zinc-lead ore, 18 percent from zinc ore, 11 percent from lead ore, 10 percent from zinc-copper ore, and the remainder from gold, gold-silver, silver, and copper ores. A small quantity of silver was recovered as a byproduct of dredging and other placer mining carried on principally for gold. Smelting of concentrates supplied 31 percent of the lode silver recovered in the State, smelting of ore and old tailings 68 percent, and cyanidation and amalgamation of ore and old tailings 1 percent.

The principal silver-producing mines in California in 1945, listed by operators and in order of output, were Darwin Mines, Arthur J. Theis, trustee (operated by Anaconda Copper Mining Co. following purchase of property on August 1, 1945), Inyo County (zinc-lead ore); Red Cloud Mines, Inc., Mariposa County (zinc ore); The Mountain Copper Co., Ltd., Shasta County (zinc-copper ore); Eagle Shawmut Mine (Penn mine), Calaveras County (zinc ore); Shoshone Mines Inc., and Finley Co. (operating at different periods of the year the Columbia No. 2 mine) Inyo County (lead ore), L. D. Foreman & Co., Inyo County (lead ore); Dunton-Ray & Greenwood, San Bernardino County (zinc-lead ore); Hoefling Bros., Butte County (zinc ore); Winston Copper Co., Amador County (copper ore), and Idaho Maryland Mines Corp., Nevada County (gold ore).

CENTRAL STATES

From 1941 through 1945 no mine production of gold was reported from ores mined in the Central States. The output of recoverable silver in 1945 totaled 118,883 fine ounces valued at $84,539 compared with 148,898 ounces valued at $105,883 in 1944, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The principal producer of silver continued to be the St. Joseph Lead Co., which operates large lead mines in the southeastern Missouri district. The concentrates made in milling ore from these mines generally contain from 1 to 2 ounces of silver to the ton. Con-

centrates shipped from other lead mines in this region also contain some silver. The lead bullion derived from smelting the concentrates carries most of the silver, but part of the bullion is not desilverized. Silver recovered from lead bullion and residues derived from smelting lead concentrates produced in the southeastern Missouri district in 1945 totaled 89,460 ounces; in addition, 5,362 ounces were recovered from copper concentrates made in treating lead-copper-cobalt-nickel-iron ore from this region. Lead concentrates recovered from zinc-lead-fluorspar and lead-fluorspar ores in the southern Illinois district in 1945 contained 2,198 ounces of recoverable silver. In Michigan 21,863 ounces of silver were recovered from copper ore. The ore containing the recoverable silver came from the Quincy mine, which was closed at the end of August. Most of this silver was contained in copper bullion shipped to the electrolytic refinery at Laurel Hill, N. Y.; the rest was native silver recovered in mill jigs and by hand picking from tables. Considerable silver not reported as mine production is retained in copper bullion used for making commutators in electric motor armatures, engravers' plate, trolly wire, and other articles. The silver is said to raise annealing temperatures, prevent brittleness, facilitate soldering, and increase hardness.

COLORADO

Despite the rescinding of War Production Board Limitation Order L–208, effective July 1, Colorado gold output in 1945 was the smallest since 1873, and silver production the smallest since 1873, except for the period 1931–33, according to George E. Woodward and S. A. Gustavson, of the United States Department of the Interior, Bureau of Mines. The shortages of labor and supplies in the principal gold-producing districts were the reasons most generally given for the small gold and silver output from Colorado mines. Gold recovered from Colorado mines in 1945 totaled 100,935 fine ounces, valued at $3,532,725, compared with 111,455 in 1944. Placer mining on a large scale was resumed in Park County in July and contributed much to the State total production.

Ore sold or treated in Colorado totaled 1,357,551 tons in 1945 compared with 1,550,422 in 1944. In all, 195 lode mines and 41 placer mines were active in 1945 compared with 196 lode mines and 13 placer mines in 1944.

Although virtually all ores produced from Colorado mines in 1945 contain gold as a valuable constituent, ores from mines in Boulder, La Plata, Park, Rio Grande, and Teller Counties were valuable chiefly for their gold content. The principal gold-producing districts in 1945 were: Cripple Creek (gold ores), in Teller County, which produced 28 percent of the State output of recoverable gold; Animas (principally complex gold-silver, copper, lead, and zinc ores), in San Juan County, 22 percent; Upper San Miguel (principally complex gold-silver-copper-lead-zinc ores), in San Miguel County, 18 percent; California (principally zinc-lead ores), in Lake County, 16 percent; Fairplay (chiefly placer gold), in Park County, 7 percent; and Sneffels (complex gold-silver-lead-zinc-ores), in Ouray County, 3 percent. Dry and siliceous ores yielded 73 percent of the State total

gold; zinc-lead ores, 17 percent; placers, 8 percent; and copper, lead, zinc, zinc-copper, zinc-lead-copper ores, 2 percent.

Mine production of recovered silver in Colorado in 1945 was 2,226,780 fine ounces valued at $1,583,488, a decrease of 1 percent in both quantity and value from the 1944 output. The Creede district in Mineral County continued to be the largest producer of silver and contributed 19 percent of the State total. Other principal silver-producing districts in 1945 were the California (Leadville), in Lake County, slightly less than 19 percent; Animas, in San Juan County, 14 percent; Upper San Miguel, in San Miguel County, 12 percent; Pioneer (Rico), in Dolores County, 7 percent; and Sneffels, in Ouray County, 4 percent. Dry and siliceous ores yielded 52 percent of the total State output of silver; zinc-lead ore, 41 percent; and copper, lead, zinc-lead-copper ores and placers, 7 percent.

The Golden Cycle mill at Colorado Springs operated throughout the year on company and custom ores from nearly all mining districts in the State; 227,063 tons of ore of all classes were treated in 1945 compared with 221,543 tons in 1944. Of the total ore treated, 129,770 tons (113,565 tons in 1944) were company and custom gold-silver sulfotelluride ores from the Cripple Creek district (Teller County), and 97,293 tons (107,978 tons in 1944) were miscellaneous zinc-lead, zinc-lead-copper, and gold ores and middlings from Boulder, Chaffee, Clear Creek, Custer, Fremont, Gilpin, Gunnison, Lake, Park, Pitkin, Saguache, San Juan, San Miguel, and Summit Counties. The tonnage from the Cripple Creek district in 1945 was well over 50 percent dump ore, and as a result, the average original gold content of the material treated was considerably below normal.

The bulk of the placer-gold output of Colorado in 1945 came from Park County and was recovered by a floating connected-bucket dredge which began operations in July. The remainder came from small-scale operations scattered throughout the State.

The total production of gold and silver in Colorado, in terms of recoverable metals, from 1858 through 1945, has been 38,915,330 fine ounces of gold valued at $855,913,514, 48 percent of which was produced from mines in the Cripple Creek district of Teller County, and 728,186,527 fine ounces of silver valued at $565,760,083.

EASTERN AND APPALACHIAN STATES

Nearly all the gold and silver mined in the Eastern and Appalachian States in 1945, as in the two preceding years, was a byproduct of the recovery of other metals. Gold recovered totaled 1,857 fine ounces valued at $64,995 compared with 2,595 ounces valued at $90,825 in 1944, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The silver production in 1945 amounted to 81,983 ounces valued at $58,299 compared with 124,006 ounces valued at $88,182 in 1944. The estimated total output of gold in the Southern Appalachian States (Alabama, Georgia, Maryland, North Carolina, South Carolina, Tennessee, and Virginia) from 1799 to 1945 is recorded as 2,597,939 ounces valued at $55,392,704. Three of these States (Alabama, Tennessee, and Virginia) contributed to the output of gold and silver in 1945, but their combined production was only 165 ounces of gold and 36,692 ounces of silver.

In the Northern Appalachian region, Pennsylvania and Vermont together produced 1,692 ounces of gold and 31,020 ounces of silver in 1945, and New York produced 14,271 ounces of silver.

When the gold mines were shut-down in 1942 for the duration of the war, the principal producers of gold in the Eastern and Appalachian States were the Haile gold mine in Lancaster County, S. C., and the Condor (old Howie) in Union County, N. C., both equipped with cyanidation mills. Although War Production Board Limitation Order L–208 which had closed the mines was revoked effective July 1, 1945, economic conditions remained unfavorable for gold mining the rest of the year. The only output made from straight gold or gold-silver mines was 5 ounces of gold and 1 ounce of silver recovered from 400 tons of old tailings put through a burlap-lined sluice at the Hog Mountain mine in Tallapoosa County, Ala. The Cornwall iron (magnetite-pyrite-chalcopyrite) mine of the Bethlehem Steel Co. in Lebanon County, Pa., continued to be the largest producer of by-product gold. The ore, which also yields byproduct silver, is treated by magnetic concentration followed by flotation of the tailings from the magnetic separators for the recovery of copper concentrate, which contain most of the gold and silver, and pryite concentrate, which contain cobalt. The copper concentrate is shipped to the Phelps Dodge smelter and electrolytic refinery at Laurel Hill, N. Y., where gold and silver are recovered. The Vermont output of 104 ounces of gold and 20,586 ounces of silver in 1945 was also recovered from copper concentrate shipped to the Laurel Hill plant; the concentrate was derived from copper ore from the Elizabeth mine of the Vermont Copper Co. in Orange County. The 14,271 ounces of silver produced in New York came from zinc-lead-iron-silver ore from the Balmat mine of the St. Joseph Lead Co. in St. Lawrence County; the silver was recovered from lead concentrate shipped to the company smelter at Herculaneum, Mo. In Tennessee 148 ounces of gold and 35,391 ounces of silver were recovered from copper-iron sulfide ore from the mines of the Tennessee Copper Co. at Ducktown. Copper concentrate from mills treating this ore and some of the crude ore were smelted in the company smelter at Copperhill. The blister copper produced, which contained the recoverable gold and silver, was shipped to an electrolytic refinery on the Atlantic seaboard. The Virginia output of 12 ounces of gold and 1,300 ounces of silver was recovered from zinc-lead ore from the Valzinco mine in Spotsylvania County, closed in January 1945, and copper ore from the Toncrae mine in Floyd County, operated from January through August.

IDAHO

The output of recoverable gold in Idaho was 17,780 fine ounces ($622,300) in 1945, the smallest since 1927 and 29 percent less than that in 1944, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. The yield of gold from lode mines decreased from 24,872 ounces in 1944 to 16,011 ounces in 1945, but that from placers increased from 136 to 1,769 ounces. The increase from placers resulted from resumption, in September, of bucket dredging at Idaho City in Boise County after L–208 (the War

Production Board gold-mine closing order of October 8, 1942) was rescinded effective July 1, 1945. The Idaho-Canadian Dredging Co. resumed operating its 7½-cubic foot bucket dredge at Idaho City in September. In 1945 bucket dredging recovered 1,593 fine ounces of gold, hydraulic and sluicing 168 ounces, and drift mining 8 ounces. The decline of 8,861 fine ounces (nearly 36 percent) in output of recoverable gold from lode mines resulted from a marked decrease in output of gold from the Boise-Rochester-Monarch (Talache Mines, Inc.) property at Atlanta, Yellow Pine mine at Stibnite, and Triumph property near Hailey. About 81 percent of the State total gold in 1945 came from zinc-lead ore from the Triumph property in Blaine County, gold-tungsten-antimony ore from the Yellow Pine mine in Valley County, zinc-lead ore from various mines in the Coeur d'Alene region, and bucket dredging in Boise County. Gold recovered from ore amalgamated amounted to 373 ounces; from concentrates smelted, 14,136 ounces and from crude ore sent direct to smelters, 1,502 ounces.

The total production of gold, in terms of recoverable metal, from 1863 to 1945 inclusive, has been 7,797,774 ounces.

Although Idaho's production of recoverable silver dropped from 9,931,614 fine ounces in 1944 to 8,142,667 fine ounces in 1945, the State remained the largest producer of silver in the United States; it has been in first place since 1933. Large decreases in silver output were reported by the Sunshine Mining Co., Coeur d'Alene Mines Corp. (Mineral Point mine), Bunker Hill & Sullivan Mining & Concentrating Co., Federal Mining & Smelting Co., Triumph Mining Co., Clayton Silver Mines, Tamarack & Custer Consolidated Mining Co., Bradley Mining Co. (Yellow Pine mine), and Sullivan Mining Co. (Star mine); however, a marked increase was made from treating old tailings from the Osburn dump in the Coeur d'Alene region by the Hecla Mining Co. The Coeur d'Alene region produced 87 percent of the State total silver in 1945; the remainder came largely from the Warm Springs, Bayhorse, Deadwood Basin, Blue Wing, Yellow Pine, South Mountain, and Clark Fork districts. Of the State total silver, zinc-lead ore and old tailings yielded 49 percent, silver ore 44 percent, lead ore 5 percent, and zinc ore and slag and gold ore nearly all the remainder. The yield of silver from silver ore and lead ore decreased 1,379,469 ounces owing chiefly to the decline in output of ore from property operated by the Sunshine Mining Co.; and that from zinc-lead ore 334,603 ounces, owing to a decline in output of zinc-lead ore from most of the important producers.

Ten mines—the Sunshine, Polaris, Osburn tailings, Bunker Hill & Sullivan, Silver Dollar, Triumph, Page, Morning, Sherman, and Star—produced more than 76 percent of the silver output of the State in 1945. All these mines except the Triumph are in the Coeur d'Alene region.

The total production of silver, in terms of recoverable metal, from 1863 to 1945, inclusive, has been 513,994,308 ounces.

MONTANA

Montana lodes in 1945 yielded 34,907 fine ounces of gold, and placers 9,690 fine ounces—a total of 44,597 fine ounces valued at $1,560,895—according to C. E. Needham and Paul Luff of the

United States Department of the Interior, Bureau of Mines. Compared with 1944, this represents a decline of 11 percent, attributed mainly to lower production from the copper-producing operations of the Anaconda Copper Mining Co. and to reduced output from a number of other larger gold mines.

Of the State total gold in 1945, 45 percent was derived from siliceous gold and silver ores, 33 percent from base-metal ores, and 22 percent from placers, compared with 51 percent from siliceous ores, 36 percent from base-metal ores, and 13 percent from placers in 1944. Ores concentrated yielded 32 percent of the State total gold, ores shipped to smelters nearly 28 percent, and ores treated at amalgamation and cyanidation mills (with or without concentrating equipment) more than 18 percent.

Placer mining showed increased activity following the revocation, effective July 1, of War Production Board Order L–208, and 56 percent more gold was recovered from gravels during the year than in 1944. The gain recorded was in connected-bucket and dragline dredging; output from hydraulicking, small-scale hand methods, and drift mining declined. Connected-bucket dredges washed 25 percent more gravel than in 1944 and recovered 56 percent more gold. The two operations—H. & H. Mines in Granite County and Porter Bros. Corp. in Lewis and Clark County—washed 97 percent of the total gravel mined in the State and produced 95 percent of the State placer gold.

The leading gold producers in 1945 were the Anaconda Copper Mining Co. (copper ore and waste materials) at Butte and Anaconda; Jardine Mining Co. (gold ore) at Jardine; Porter Bros. (placer); H. & H. Mines (placer); the Golden Sunlight mine (gold ore) near Whitehall; the Granite-Bimetallic tailing dump (gold-silver ore) at Philipsburg; and the U. S. Grant mine (gold-silver ore) near Virginia City. These seven producers furnished 78 percent of the State total gold.

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1945, inclusive, has been 16,981,614 ounces.

The output of recoverable silver in Montana was 5,942,070 fine ounces in 1945, which represents a decline of 1,151,145 ounces (16 percent) from the output of 7,093,215 ounces in 1944.

Copper ores and tailings furnished over 75 percent of the State total silver; siliceous ores, 11 percent; zinc-lead ores, nearly 11 percent; and lead ores and zinc ores, less than 3 percent. Ores treated at concentrating mills yielded 87 percent of the total silver, and smelting ores nearly 13 percent; minor sources were slag fumed, ores amalgamated or cyanided in plants with or without concentrating equipment, and placers.

The Anaconda Copper Mining Co. remained the State leading silver producer, and from its copper mines, mine dumps, tailing dumps, slime ponds, zinc mines, and the North Butte and Flathead mines supplied 77 percent of the State total compared with 79 percent in 1944. Other important sources of silver were the Emma mine at Butte, the Granite-Bimetallic tailing dump at Philipsburg, the Mike Horse mine at Flesher, and the Elkhorn dump at Elkhorn.

The total production of silver in Montana, in terms of recovered metal, from 1862 to 1945, inclusive, has been 745,876,683 ounces.

NEVADA

Nevada gold production (in terms of recovered metal) in 1945 was 23 percent below the total for 1944, and was the lowest in quantity since 1895, according to Alfred L. Ransome and Burton H. Marliave, of the United States Department of the Interior, Bureau of Mines. Silver production fell 17 percent to the lowest level since 1899. Rising costs of labor, supplies, and equipment, the difficulty of obtaining them, and the fixed prices for gold and silver were factors in reducing Nevada's precious metal production. An expected increase in production of gold following the rescinding of War Production Board Limitation Order L–208 effective July 1, 1945, did not materialize, except in the case of placer mines. In 1943, for the first time in the history of the State, more gold was derived from base-metal ores than from dry ores; this condition continued in 1944 and again in 1945.

The output of gold from Nevada ores, retreated tailings, and gravels in 1945 was 92,265 fine ounces valued at $3,229,275 compared with 119,056 ounces valued at $4,166,960 in 1944 and was the lowest in quantity since 1895 and in value since 1933. Production of silver in 1945 was 1,043,380 fine ounces valued at $741,959 compared with 1,259,636 ounces valued at $895,741 in 1944. Silver output was thus the lowest in quantity since 1899 and in value since 1933.

Gold was recovered from the following sources: Copper ore, 56 percent; dry gold ore, 30 percent; placer gravel 10 percent; zinc-lead ore, 2 percent; dry gold-silver ore, 1 percent; and other ores 1 percent. Metallurgical data show that 64 percent of the State lode gold was recovered by the smelting of concentrates, 24 percent by cyaniding of ore and old tailings, 11 percent by the direct smelting of ore, and 1 percent by amalgamation of ore and old tailings. The proportion of gold recovered by cyanidation of ore and old tailings in 1945 was lowered to almost half of the percentage in 1944.

The principal Nevada gold mines in 1945, listed by operating companies and in order of output were Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); Consolidated Coppermines Corp., White Pine County (copper ore); Getchell Mine, Inc., Humboldt County (gold ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); Willow Creek Mines, Inc., Lander County (gold ore); Copper Canyon Mining Co. (and International Smelting & Refining Co.), Lander County (copper ore); Tonopah Divide Mining Co., Esmeralda County (gold ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Golden Dawn Mng. & Milling Co., Clark County (gold ore); and lessees of the Tonopah Mining Co., of Nevada, Nye County (gold-silver ore).

Nevada lode silver was recovered from the following sources in 1945: Zinc-lead ore, 33 percent; copper ore, 26 percent; lead ore, 16 percent; zinc ore, 10 percent; dry gold-silver ore, 7 percent; dry silver ore, 5 percent; and dry gold ore, 3 percent. Placer gravels washed primarily for gold yielded a small quantity of silver. Smelting of concentrates accounted for 57 percent of the lode silver produced in Nevada in 1945, and 43 percent was recovered by direct smelting of ore and old tailings. A very small quantity (0.46 percent) of silver was recovered by cyanidation of ore and old tailings; a negligible quantity of silver was recovered by the amalgamation of ore.

The principal silver mines in Nevada in 1945, listed by operating companies and in order of output, were: Combined Metals Reduction Co., Lincoln County (zinc-lead ore); Kennecott Copper Corp. (Nevada Mines Division), White Pine County (copper ore); McFarland & Hullinger, Elko County (silver and lead ores); Consolidated Coppermines Corp., White Pine County (copper ore); Copper Canyon Mining Co. (and International Smelting & Refining Co.), Lander County (copper ore); Prince Consolidated Mining Co. and lessees, Lincoln County (zinc, silver, and lead ores); Salt Lake-Pioche Mining Co. (Financier mine), Lincoln County (lead ore); Bristol Silver Mines Co., Lincoln County (copper and zinc ores); lessees of the Tonopah Mining Co., of Nevada, Nye County (gold-silver ore); and Ely Valley Mine, Lincoln County (zinc ore).

NEW MEXICO

Mines in New Mexico yielded (in terms of recovered metals) 5,604 fine ounces of gold valued at $196,140 in 1945, according to George E. Woodward and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. The lifting of Government restrictions on gold mining on July 1, 1945, had little effect on the output during the remainder of the year 1945. Except for 1943, the gold output was less than for any year since 1876. The principal gold-producing districts in 1945 were: Central, in Grant County, which contributed 29 percent of the State output of recovered gold; Mogollon, in Catron County, 25 percent; Lordsburg, in Hidalgo County, 25 percent; and Steeple Rock, in Grant County, 17 percent; all others combined produced about 4 percent. Dry and siliceous ores yielded 53 percent of the State total gold; zinc-lead ore 33 percent; copper ore 10 percent; and lead and zinc ores and placers 4 percent.

Mine production of recovered silver in New Mexico in 1945 was 465,127 ounces valued at $330,757, a decrease of 13 percent on both quantity and value compared with 1944. The Central district in Grant County, contributed 44 percent of the total State output of recovered silver in 1945; Mogollon, in Catron County, 20 percent; Lordsburg, in Hidalgo County, 19 percent; Magdalena, in Socorro County, 8 percent; Steeple Rock, in Grant County, 6 percent; and Pinos Altos, in Grant County, 2 percent. Zinc-lead ore yielded 51 percent; dry and siliceous ores 34 percent; copper ore 5 percent; and lead and zinc ores and placers 10 percent.

The total production of gold and silver in New Mexico (in terms of recovered metals) from 1848 through 1945 has been 2,178,826 ounces of gold valued at $49,593,103 and 67,416,731 ounces of silver valued at $52,672,094.

OREGON

Production of gold in Oregon in 1945 advanced 226 percent above the 1944 output, entirely owing to resumption of dredging operations, but the total was only 4 percent of the all-time record set in 1940, according to Alfred L. Ransome, of the United States Department of the Interior, Bureau of Mines. Silver production was down to half the 1944 output and was the lowest since 1932.

The production of gold from Oregon ores and gravels in 1945 was 4,467 fine ounces, valued at $156,345, compared with 1,369 ounces

valued at $47,915 in 1944. The leading Oregon gold producer in 1945, the Sumpter Valley Dredging Co., produced over half of the State output. Placer mines produced 89 percent of the gold and lode mines 11 percent, thus reverting to the general condition of many years' standing, before 1943, in which placers had been the principal source of gold. Connected-bucket dredge operations, inactive since 1942, accounted for 94 percent of the placer gold and 84 percent of the total gold produced in Oregon in 1945. The remaining 6 percent of placer gold was recovered by hydraulicking and small scale hand methods. All of the lode gold came from dry and siliceous ores, most of which were valued principally for gold. Metallurgical data show that 53 percent of Oregon lode gold was recovered by direct smelting of ore, 21 percent as bullion by amalgamation of ore, 17 percent as bullion by cyanidation of ore, and 9 prcent by smelting of flotation concentrates.

Oregon ores, and gravels in 1945 yielded 10,461 fine ounces of silver valued at $7,439 compared with 20,243 ounces valued at $14,395 in 1944. Jefferson County again, as in 1944, supplied over 80 percent of the State total, dry silver ore was the principal source, and smelting of ore the principal method of recovery. The Oregon King mine, Ashwood district, Jefferson County was the principal source of silver in the State in 1945 as in 1944, 1943, and 1942.

SOUTH DAKOTA

South Dakota gold production in 1945 amounted to 55,948 fine ounces valued at $1,958,180 compared with 11,621 ounces valued at $406,735 in 1944, according to George E. Woodward and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines.

Lode gold mining, the principal source of mineral revenue in South Dakota, was at a standstill in 1945 until War Production Board Limitation Order L–208 was rescinded, effective July 1, 1945. With the lifting of this restriction, the Homestake Mining Co. and the Bald Mountain Mining Co., both in Lawrence County, resumed operations. Neither company, however, was able to reach full-scale operations during the year due chiefly to a shortage of labor.

Operations by the Homestake Mining Co. were resumed July 2, 1945, after being suspended except for maintenance work since June 8, 1943 (the last ore was hoisted from the mine May 26, 1943). Operation of the mill units was begun July 9, and the first bullion produced was shipped August 8, 1945. An average of 1,700 tons of ore per day was treated during the remainder of the year—capacity of the plant is about 3,900 tons a day.

The Bald Mountain Mining Co. began rehabilitation of its properties at Trojan on July 1, 1945, and began milling operations September 20, 1945. An average of 134 tons of ore per day was treated during the remainder of the year.

The output of silver recovered as a byproduct of gold mining in 1945 was 26,564 ounces valued at $18,890. The total production of gold and silver in terms of recovered metal in South Dakota from 1876 through 1945 has been 20,734,054 fie ounces of gold valued at $507,289,099 and 9,601,108 ounces of silver valued at $6,829,842.

TEXAS

Texas mines produced (in terms of recovered metals) 23,265 fine ounces of silver valued at $16,544 in 1945, according to George E. Woodward and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines.

Production of silver for 1944 was 5,355 fine ounces valued at $3,808. No gold has been recovered from ores mined in Texas since 1943. In 1945 four mines accounted for all of the production—three in Hudspeth County and one in Culberson County. The principal silver producer in the State was the Hackberry mine, which supplied 84 percent of the total State output.

The total production of gold and silver (in terms of recovered metals) from 1885 through 1945 has been 8,281 fine ounces of gold valued at $223,780 and 33,225,441 ounces of silver valued at $23,380,380. Most of the silver (30,293,606 ounces) came from the Presidio mine at Shafter, Presidio County. This property ceased operations in September 1942, and soon afterward all equipment at the property was dismantled and sold.

UTAH

The mine production of gold in Utah in 1945 was 279,979 fine ounces (all from lodes), valued at $9,799,265, according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines. This was a decrease of 19 percent from the output of 344,223 ounces in 1944; nevertheless, the State retained its position as the Nation's leading gold-producing State in 1945. Gold mining as such remained at a low level during the year, and over 92 percent of the State total gold was derived from copper ores and zinc-lead ores; most of the remainder came from siliceous gold and silver ores.

The West Mountain (Bingham) district again was the leading gold-producing area in the United States, although its output dropped 20 percent from 312,493 ounces in 1944 to 248,570 ounces in 1945. The Tintic district forged ahead of the Park City region in 1945 to become second to the West Mountain (Bingham) district in gold production. Output rose from 11,417 ounces in 1944 to 14,536 ounces in 1945, a 27 percent gain. The Park City region, ranking third, had a gold output of 13,822 ounces in 1945—9 percent under the output of 15,149 ounces in 1944.

The gold output of the Utah Copper Co. was considerably below that in 1944; however, the company remained the leading gold producer in the United States in 1945. Following the Utah Copper Co. Bingham Canyon pit in State gold output, in the order named, were the United States & Lark group (zinc-lead ore) at Bingham, the New Park property (zinc-lead ore) at Keetley, the Tintic Bullion mine (gold ore) and the Tintic Standard property (gold-silver ore and lead ore) in the Tintic district, the Niagara mine (zinc-lead ore) in the West Mountain district, the Eureka Lilly mine (gold-silver ore) in the Tintic district, the Boston Consolidated property (copper ore) and the National Tunnel & Mines Co. (copper ore and zinc-lead ore) in the West Mountain district, and the Calumet mine (zinc-lead ore)

in the Rush Valley district. These 10 properties produced 97 percent of the State gold output in 1945.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1945, inclusive, has been 10,464,445 ounces.

The mine output of silver in Utah in 1945 was 6,106,545 fine ounces, a 20-percent decline from the 7,593,075 ounces produced in 1944. Zinc-lead ore, zinc-ore, and lead ore supplied 51 percent of the State total silver in 1945, followed by copper ore, 34 percent, and siliceous gold and silver ores, 15 percent.

The West Mountain (Bingham) district, the leading silver-producing area in the State, supplied 59 percent of the State output, but production dropped from 4,671,478 ounces in 1944 to 3,628,229 ounces in 1945. The Tintic district, ranking second, increased its output from 1,070,214 ounces in 1944 to 1,086,435 ounces in 1945. In the Park City region, the third leading silver-producing area in the State, output dropped 28 percent from 1,429,650 ounces in 1944 to 1,033,830 ounces in 1945.

The Utah Copper Co.'s Bingham Canyon open-pit remained the leading silver producer in the State in 1945, but its output was nearly half a million ounces less than in 1944. It was followed by the United States & Lark property, which also showed a loss of nearly half a million ounces from 1944. Other important silver producers in order of output were the Tintic Standard, New Park, Park Utah Consolidated, Silver King Coalition, Chief Consolidated, Calumet, Godiva, and Butterfield properties. These 10 properties furnished 89 percent of the State total silver in 1945.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1945, inclusive, has been 715,054,066 ounces.

WASHINGTON

The mine production of gold in Washington in 1945 was 57,860 fine ounces, valued at $2,025,100; lode mines yielded 57,846 fine ounces ($2,024,610) and placer mines 14 fine ounces ($490), according to C. E. Needham and Paul Luff of the United States Department of the Interior, Bureau of Mines.

The gain of over 10,000 ounces (22 percent), compared with the output of 1944, resulted largely from a greater output of gold from the Holden property of the Howe Sound Co. in Chelan County, which remained the State leading gold producer. Although the tonnage of zinc-copper ore from this mine dropped 19 percent from 1944, the average gold content of the ore increased enough in 1945 more than to offset the loss in quantity of ore mined. The only other important gold producer during the year was the Knob Hill mine (gold ore) in Ferry County, which showed increased activity following the revocation, effective July 1, 1945, of War Production Board Order L–208, but failed to equal its 1944 output by about 2,000 ounces. These two mines produced 97 percent of the State total output of gold in 1945. Almost 70 percent of the State total gold was derived from zinc-copper ore, and nearly all the remainder from siliceous gold ore.

The total production of gold in Washington, in terms of recovered metal, from 1860 to 1945, inclusive, has been 2,127,502 ounces.

The mine output of silver in Washington in 1945 was 281,444 fine ounces, a 12-percent decrease from the yield of 321,608 ounces in

1944. The silver produced was entirely a byproduct of gold and base-metal ores.

As with gold, the two leading silver producers were the Holden and Knob Hill mines, which together furnished nearly 82 percent of the State total. The Kaaba mine in Okanogan County contributed an additional 9 percent, but its output in 1945 was only half that in 1944.

Zinc-copper ore advanced to first place in 1945 as a source of silver, supplying 43 percent of the State total; gold ore dropped to a close second with 42 percent, followed by zinc-lead ore with 14 percent. Placers yielded no silver in 1945.

The total production of silver in Washington, in terms of recovered metal, from 1860 to 1945, inclusive, has been 12,565,420 ounces.

WYOMING

Two Wyoming mines accounted for the total State output of gold and silver in 1945, which amounted to 2 fine ounces of gold valued at $70 and 31 ounces of silver valued at $22, according to George E. Woodward and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. The total production of gold and silver (in terms of recovered metals) from Wyoming mines from 1867 through 1945 has been 77,936 fine ounces of gold valued at $1,836,088 and 74,666 ounces of silver valued at $51,776. There was no placer production of gold or silver during 1945.

Distribution of gold and silver production of the United States, in fine ounces, for 1945, by sources of production (table furnished by the Bureau of Mines)

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating connected-bucket dredges	All other			
Alabama	5			1		
Alaska	10,409	34,885	22,823	9,945		38
Arizona	76,683		540	147,499	1,297,180	2,113,537
California	54,458	88,318	5,162	29,934	937,510	19,354
Colorado	93,034	7,296	605	1,170,051	1,033,712	23,017
Idaho	16,011	1,593	176	3,636,230	4,497,469	8,968
Illinois					[3] 2,198	
Michigan						21,863
Missouri					94,822	
Montana	34,907	9,181	509	651,556	803,078	4,487,436
Nevada	82,705	9,436	124	164,515	608,258	270,607
New Mexico	5,589		15	158,554	283,113	23,460
New York					14,271	
Oregon	481	3,763	223	10,461		
Pennsylvania	1,588					[4] 10,434
South Dakota	55,948			26,564		
Tennessee	148					35,391
Texas				22,857		408
Utah	279,979			928,527	3,090,616	2,087,402
Vermont	104					20,586
Virginia	12				907	393
Washington	57,846		14	118,568	162,658	218
Wyoming	2			14	17	
Total	769,909	154,472	30,191	7,075,276	12,825,809	9,123,112

[1] Contain small quantity of silver from placer mines (20,398 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Includes silver from galena concentrates, a byproduct of fluorspar mining.
[4] From copper concentrates from magnetite-pyrite-chalcopyrite ores.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

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Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt. classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as

used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1946

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,373	2,231	778	2,989	596	7,967
Transfers	94	1				95
Intermint transfers	48	5	2	5	1	61
Trust deposits	10					10
Total	1,525	2,237	780	2,994	597	8,133
Deposit assay determinations:						
Purchases	1,513	9,418	1,034	5,949	818	18,732
Transfers	95	1				96
Intermint transfers		241	30	361		632
Trust deposits	166					166
Total	1,774	9,660	1,064	6,310	818	19,626

Number of gold and silver deposit transactions and assay determinations during the calendar year 1945

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,277	1,414	568	2,608	466	6,333
Transfers	111	2		3		116
Intermint transfers	91		6	5	1	103
Trust deposits	4					4
Total	1,483	1,416	574	2,616	467	6,556
Deposit assay determinations:						
Purchases	1,401	13,374	739	5,120	597	21,231
Transfers	112	2		32		146
Intermint transfers			109	391		500
Trust deposits						
Total	1,513	13,376	848	5,543	597	21,877

Deposits and purchases of gold during the fiscal year ended June 30, 1946

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:						
Newly mined—Mine source:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Alabama	0.956	0.956				
Alaska	75,598.725		154.365	1.868	314.359	75,128.133
Arizona	498.707		460.167	38.540		
California	198,249.915		198,249.915			
Colorado	54,787.455		1.726	54,785.729		
Georgia	15.388	15.388				
Idaho	7,169.557		962.983	1,694.278		4,512.296
Montana	27,633.734		1.805	13,594.806		14,037.123
Nevada	22,170.258		8,192.210			13,978.048
New Mexico	10.521			10.521		
Oregon	11,066.815		2,553.033			8,513.782
South Dakota	45,171.888			45,171.888		
Washington	10,861.371			3.704		10,857.667
Philippines	23,569.766		23,569.766			
Total newly mined unrefined	476,805.056	16.344	234,145.970	115,301.334	314.359	127,027.049
Newly mined—Domestic refinery product:						
Refinery bullion (less than 0.995 fine)	73,259.863			70,824.938		2,434.925
Refined bars (0.995 fine and over)	117,594.475			62,357.832	55,236.643	
Total newly mined refined	190,854.338			133,182.770	55,236.643	2,434.925
Total newly mined domestic	667,659.394	16.344	234,145.970	248,484.104	55,551.002	129,461.974
Other domestic:						
Secondary	129,062.250	32,293.905	9,108.604	13,761.297	71,590.996	2,307.448
Domestic coin:						
Purchased	71.123	3.915	9.635	38.130	17.045	2.398
Transferred from Treasury and Federal Reserve banks	8,030.695	2,466.732		5,563.963		
Total other domestic	137,164.068	34,764.552	9,118.239	19,363.390	71,608.041	2,309.846
Total domestic	804,823.462	34,780.896	243,264.209	267,847.494	127,159.043	131,771.820
Imports:						
Bullion unrefined	4,381,999.864	351.259	70,334.431	1.841	4,311,310.992	1.341
Bullion refined:						
From domestic refineries						
Other	8,168,175.579				8,168,175.579	
Secondary	45.683				45.683	
Foreign coin	6,796,259.259	51.278	15.463	10.749	6,796,180.718	1.051
Domestic coin						
Total imports	19,346,480.385	402.537	70,349.894	12.590	19,275,712.972	2.392

Deposits and purchases of gold during the fiscal year ended June 30, 1946—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS—continued						
Recoveries:						
Grains Receiving Division	*Fine ounces* 114.343	*Fine ounces* 37.519	*Fine ounces* 22.360	*Fine ounces* 7.400	*Fine ounces* 29.257	*Fine ounces* 17.807
Operative recoveries	826.439	76.774			736.044	13.621
Total recoveries	940.782	114.293	22.360	7.400	765.301	31.428
Total primary receipts	20,152,244.629	35,297.726	313,636.463	267,867.484	19,403,637.316	131,805.640
REDEPOSITS						
By Treasury and Federal Reserve banks						
Other						
Total acquisitions	20,152,244.629	35,297.726	313,636.463	267,867.484	19,403,637.316	131,805.640
INTERMINT TRANSFERS						
Refined bars	29,465,569.048	86,269.611			29,379,299.437	
Unrefined bars	327,755.131		89,937.753	15,422.781	222,394.597	
Ingots	130,715.000	130,715.000				
Proof bullion	60.000		50.000			10.000
Total intermint transfers	29,924,099.179	216,984.611	89,987.753	15,422.781	29,601,694.034	10.000
Grand total fine ounces	50,076,343.808	252,282.337	403,624.216	283,290.265	49,005,331.350	131,815.640
VALUE						
Purchases at $20.67+ per ounce	*Dollars* 3,193.60	*Dollars* 1,070.71	*Dollars* 599.38	*Dollars* 966.19	*Dollars* 486.02	*Dollars* 71.30
Increment to $35 per ounce	2,213.62	742.15	415.46	669.71	336.87	49.43
Purchases at $35 per ounce	705,042,081.50	1,147,272.01	10,976,261.36	9,178,987.35	679,126,484.85	4,613,075.93
Domestic coin transferred (melted)	281,074.33	86,335.62		194,738.71		
Intermint transfers	1,047,343,471.33	7,594,461.39	3,149,571.36	539,797.34	1,036,059,291.24	350.00
Total value at $35 per ounce	1,752,672,034.38	8,829,881.88	14,126,847.56	9,915,159.30	1,715,186,598.98	4,613,546.66

Deposits and purchases of silver during the fiscal year ended June 30, 1946

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—Mine source:						
Alabama	0.10	0.10				
Alaska	10,146.74		20.10	0.58	1.63	10,124.43
Arizona	530.77		69.41	461.36		
California	24,964.02		24,964.02			
Colorado	18,819.42		.19	18,819.23		
Georgia	.24	.24				
Idaho	2,526.21		591.12	422.07		1,513.02
Montana	4,324.91		.16	2,128.49		2,196.26
Nevada	27,581.89		21,953.53			5,628.36
New Mexico	2.72			2.72		
Oregon	2,185.00		292.30			1,892.70
South Dakota	38,890.21			38,890.21		
Washington	52,893.42			.65		52,892.77
Philippines	26,787.66		26,787.66			
Total newly mined unrefined	209,653.31	.34	74,678.49	60,725.31	1.63	74,247.54
Newly-mined—domestic refinery product:						
Refinery bullion (less than 0.996 fine)	169,884.72	154,540.06		15,342.31		2.35
Refined bars (0.996 fine and over)	926,751.76			6,466.46	920,285.30	
Total newly mined refined	1,096,636.48	154,540.06		21,808.77	920,285.30	2.35
Total newly mined	1,306,289.79	154,540.40	74,678.49	82,534.08	920,286.93	74,249.89
Other domestic:						
Secondary	319,133.62	63,128.47	98,895.13	6,192.05	148,196.59	2,721.38
Domestic coin:						
Purchased	5,430.45	3,604.90	1,005.84	772.46	47.25	
Transferred from Treasury and Federal Reserve banks	1,180,194.33	467,135.10	150,669.61	562,389.62		
Unfit silver dollars melted	72,139.97	12,147.20	25,446.22	34,546.55		
Total other domestic	1,576,898.37	546,015.67	276,016.80	603,900.68	148,243.84	2,721.38
Total domestic	2,883,188.16	700,556.07	350,695.29	686,434.76	1,068,530.77	76,971.27
Imports:						
Bullion unrefined	258,308.97	75.51	171,279.18	.58	86,953.70	
Bullion refined:						
From domestic refineries	10,177.11				10,177.11	
Other						
Secondary	5.74				5.74	
Foreign coin	1,054.02		.01		1,054.01	
Domestic coin						
Total imports	269,545.84	75.51	171,279.19	.58	98,190.56	

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Deposits and purchases of silver during the fiscal year ended June 30, 1946—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS—continued						
Recoveries:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Grains Receiving Division	116.27	51.16	34.13	4.75	12.04	14.19
Operative recoveries	31,171.71	43.91	3,242.02	19,464.87	8,415.35	5.56
Total recoveries	31,287.98	95.07	3,276.15	19,469.62	8,427.39	19.75
Total primary receipts [1]	3,184,021.98	700,726.65	525,250.63	705,904.96	1,175,148.72	76,991.02
REDEPOSITS						
By Treasury and Federal Reserve banks						
By Office of Defense Plants of RFC, etc						
Total acquisitions	3,184,021.98	700,726.65	525,250.63	705,904.96	1,175,148.72	76,991.02
INTERMINT TRANSFERS						
Refined bars						
Unrefined bars	215,622.88		59,460.60	1,841.50	154,320.78	
Proof bullion	3,296.80		50.00		3,246.80	
Assay coin	2,182.53	2,182.53				
Coinage ingots	15,207,094.79	15,207,094.79				
Total intermint transfers	15,428,197.00	15,209,277.32	59,510.60	1,841.50	157,567.58	
DEPOSITED IN TRUST						
From United States stocks by lend-lease	12,195,650.50	12,195,650.50				
Other	14,083,593.91	3,083,593.91	2,000,000.00	9,000,000.00		
Total deposited in trust	26,279,244.41	15,279,244.41	2,000,000.00	9,000,000.00		
Grand total fine ounces	44,891,463.39	31,189,248.38	2,584,761.23	9,707,746.46	1,332,716.30	76,991.02
VALUE						
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cost of acquisitions	1,302,726.33	149,912.94	214,754.33	66,075.01	817,609.27	54,374.78
Cost of bullion transferred	7,217,666.90	7,099,661.39	42,277.82	885.32	74,842.37	
Subsidiary coining value of transferred domestic coin	1,631,511.08	645,771.69	208,287.00	777,452.39		
Subsidiary coining value of melted unfit dollars	99,726.93	16,792.40	35,177.08	47,757.45		
Monetary value ($1.29+ per fine ounce) of bullion transferred	19,947,567.82	19,664,520.16	76,943.00	2,380.93	203,723.73	
Monetary value ($1.29 + per fine ounce) of silver acquired	4,116,715.28	905,990.01	679,111.92	912,685.20	1,519,384.20	99,543.95

[1] Includes 128,286.80 ounces of silver received for account of the Metals Reserve Company, Reconstruction Finance Corporation.

Deposits and purchases of gold during the calendar year 1945

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—Mine source:						
Alabama	5.340	5.340				
Alaska	58,899.759		147.009		536.578	58,216.172
Arizona	550.280		527.434	22.846		
California	91,561.915		91,561.915			
Colorado	41,083.347		1.726	41,081.621		
Idaho	561.601		284.197	41.801		235.603
Montana	17,319.953		1.805	4,489.446		12,828.702
Nevada	22,430.570		13,017.314			9,413.256
New Mexico	2.057			2.057		
Oregon	3,260.693		366.212			2,894.481
South Dakota	40,252.738			40,252.738		
Washington	3,553.257					3,553.257
Philippines	13,490.191		13,490.191			
Total newly mined unrefined	292,971.701	5.340	119,397.803	85,890.509	536.578	87,141.471
Newly mined—domestic refinery product:						
Less than 0.995 fine	1,271.253					1,271.253
0.995 fine and over	72,114.309		1,869.360		68,147.262	2,097.687
Total newly mined refined	73,385.562		1,869,360		68,147.262	3,368.940
Total newly mined domestic	366,357.263	5.340	121,267.163	85,890.509	68,683.840	90,510.411
Other domestic:						
Secondary	102,601.389	23,812.124	7,419.605	11.312.411	57.837.749	2,219.500
Domestic coin:						
Purchased	46.885	5.180	10.438	29.349	1.797	.121
Transferred from Treasury and Federal Reserve Banks	8,425.716	3,849.995		4,575.721		
Total other domestic	111,073.990	27,667.299	7,430.043	15,917.481	57,839.546	2.219.621
Total domestic	477,431.253	27,672.639	128,697.206	101,807.990	126,523.386	92,730.032
Imports:						
Bullion unrefined	3,547,535.105	88.197	93.748.970	1.841	3,453,692.592	3.505
Bullion refined:						
From domestic refineries	1,142.427		1,142.427			
Other	5,928,364.449				5,928,364.449	
Secondary	45.683				45.683	
Foreign coin	1,250.412	50.158	17.812	2.617	1,179.825	
Domestic coin						
Total imports	9,478,338.076	138.355	94,909.209	4.458	9,383,282.549	3.505

Deposits and purchases of gold during the calendar year 1945—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS—continued						
Recoveries:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Grains Receiving Division	115.077	46.190	15.364	7.308	31.972	14.243
Operative recoveries	1,450.208	76.774	1,072.913		300.521	
Total recoveries	1,565.285	122.964	1,088.277	7.308	332.493	14.243
Total primary receipts	9,957,334.614	27,933.958	224,694.692	101,819.756	9,510,138.428	92,747.780
REDEPOSITS						
By Treasury and Federal Reserve Banks						
Other						
Total acquisitions	9,957,334.614	27,933.958	224,694.692	101,819.756	9,510,138.428	92,747.780
INTERMINT TRANSFERS						
Refined bars	29,465,569.048	86,269.611			29,379,299.437	
Unrefined bars	267,916.700				213,541.947	
Ingots	189,400.828	189,400.828		54,374.753		
Proof bullion	60.000		50.000			10.000
Total intermint transfers	29,922,946.576	275,670.439	50.000	54,374.753	29,592,841.384	10.000
Grand total fine ounces	39,880,281.190	303,604.397	224,744.692	156,194.509	39,102,979.812	92,757.780
VALUE						
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Purchases at $20.67+ per ounce	2,981.14	955.14	795.89	703.56	466.50	60.05
Increment to $35 per ounce	2,066.33	662.06	551.63	487.67	323.34	41.63
Purchases at $35 per ounce	348,206,760.20	841,321.79	7,862,966.70	3,402,350.00	332,854,052.28	3,246,069.43
Domestic coin transferred (melted)	294,900.06	134,749.82		160,150.24		
Intermint transfers	1,047,303,130.21	9,648,465.37	1,750.00	1,903,116.35	1,035,749,448.49	350.00
Total value at $35 per ounce	1,395,809,837.94	10,626,154.18	7,866,064.22	5,466,807.82	1,368,604,290.61	3,246,521.11

Deposits and purchases of silver during the calendar year 1945

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS						
Domestic:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Newly mined—Mine source:						
Alabama	0.54	0.54				
Alaska	7,558.66		18.99		1.63	7,538.04
Arizona	513.09		53.39	459.70		
California	15,040.64		15,040.64			
Colorado	19,496.43		.19	19,496.24		
Idaho	249.41		151.78	17.55		80.08
Montana	2,415.40		.16	458.62		1,956.62
Nevada	8,433.84		4,619.66			3,814.18
New Mexico	.56			.56		
Oregon	734.28		55.69			678.59
South Dakota	20,175.66			20,175.66		
Washington	17,659.68					17,659.68
Philippines	17,208.53		17,208.53			
Total newly mined unrefined	109,486.72	.54	37,149.03	40,608.33	1.63	31,727.19
Newly mined—Domestic refinery product:						
Less than 0.996 fine						
0.996 fine and over	798,110.80				798,110.80	
Total newly mined refined	798,110.80				798,110.80	
Total newly mined	907,597.52	.54	37,149.03	40,608.33	798,112.43	31,727.19
Other domestic:						
Secondary	218,409.78	48,519.90	79,541.05	5,573.06	84,144.38	631.39
Domestic coin:						
Purchased	4,782.19	3,015.40	976.07	751.82	38.90	
Transferred from Treasury and Federal Reserve banks	1,327,457.90	983,626.87	148,273.43	195,557.60		
Unfit silver dollars melted	58,549.48	15,841.35	23,550.18	19,157.95		
Total other domestic	1,609,199.35	1,051,003.52	252,340.73	221,040.43	84,183.28	631.39
Total domestic	2,516,796.87	1,051,004.06	289,489.76	261,648.76	882,295.71	32,358.58
Imports:						
Bullion unrefined	282,643.77	4.52	243,386.96	.58	39,251.71	
Bullion refined:						
From domestic refineries	10,177.11				10,177.11	
Other						
Secondary	5.74				5.74	
Foreign coin	.01		.01			
Domestic coin						
Total imports	292,826.63	4.52	243,386.97	.58	49,434.56	

Deposits and purchases of silver during the calendar year 1945—Continued

Source and description	All institutions	Philadelphia	San Francisco	Denver	New York	Seattle
PRIMARY RECEIPTS—continued						
Recoveries:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Grains Receiving Division	102.47	49.96	33.27	4.18	8.23	6.83
Operative recoveries	35,081.18		11,537.87	8,552.09	14,991.22	
Total recoveries	35,183.65	49.96	11,571.14	8,556.27	14,999.45	6.83
Total primary receipts [1]	2,844,807.15	1,051,058.54	544,447.87	270,205.61	946,729.72	32,365.41
REDEPOSITS						
By Treasury and Federal Reserve banks						
By Office of Defense Plants of RFC, etc	2,498,931.91				2,498,931.91	
Total acquisitions	5,343,739.06	1,051,058.54	544,447.87	270,205.61	3,445,661.63	32,365.41
INTERMINT TRANSFERS						
Refined bars						
Unrefined bars	172,321.31			12,158.35	160,162.96	
Proof bullion	849.30		100.00		749.30	
Assay coin	1,326.85	1,326.85				
Coinage ingots	28,757,468.12	28,757,468.12				
Total intermint transfers	28,931,965.58	28,758,794.97	100.00	12,158.35	160,912.26	
DEPOSITED IN TRUST						
From United States stocks by lend-lease	20,325,010.26	12,730,439.03	7,594,571.23			
Other	18,978,930.15		6,075,106.61	12,903,823.54		
Total deposited in trust	39,303,940.41	12,730,439.03	13,669,677.84	12,903,823.54		
Grand total fine ounces	73,579,645.05	42,540,292.54	14,214,225.71	13,186,187.50	3,606,573.89	32,365.41
VALUE	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Cost of acquisitions	2,074,622.70	24,820.26	185,909.46	34,663.11	1,806,685.47	22,544.40
Cost of bullion transferred	13,504,982.70	13,421,986.03	45.08	7,871.15	75,080.44	
Subsidiary coining value of transferred domestic coin	1,836,923.73	1,361,608.68	204,974.50	270,340.55		
Subsidiary coining value of melted unfit dollars	80,939.30	21,899.22	32,555.97	26,484.11		
Monetary value ($1.29+ per fine ounce) of bullion transferred	37,406,985.75	37,183,088.42	129.29	15,719.88	208,048.16	
Monetary value ($1.29+ per fine ounce) of silver acquired	5,553,285.73	438,184.38	546,513.59	71,744.73	4,454,996.84	41,846.19

[1] Includes 287,595.73 ounces of silver received for account of the Metals Reserve Co., Reconstruction Finance Corporation.

Deposits of gold and silver at United States Mints and Assay Offices since 1873 [1]

[On fiscal year basis]

Character of material deposited	Gold [2]			Silver		
	1873–1945	1946	Total	1873–1945	1946	Total
	Value	*Value*	*Value*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Domestic bullion [3]	$7,290,198,507	$23,368,079	$7,313,566,586	1,597,096,910	1,306,290	1,598,403,200
Domestic coin [4]	2,873,478,155	283,564	2,873,761,719	190,745,102	1,257,765	192,002,867
Foreign bullion [5]	17,681,045,107	439,256,140	18,120,301,247	2,169,052,234	268,486	2,169,320,720
Foreign coin	2,685,066,504	237,869,074	2,922,935,578	83,801,119	1,054	83,802,173
Surplus bullion, grains, jewelers bars, old plate, etc.	558,046,424	4,551,705	562,598,129	65,978,118	350,427	66,328,545
Total	31,087,834,697	705,328,562	31,793,163,259	4,106,673,483	3,184,022	4,109,857,505

[1] For deposits by separate fiscal years 1873–1944, see annual Report for 1944, p. 52.
[2] Gold on quantity basis with value calculated at $20.67+ per fine ounce until 1934, and at $35 thereafter.
[3] Includes gold and silver domestic refinery product from foreign ores, etc. prior to fiscal year 1940. Also silver for 1934–36 includes refined bars (of whatever production source) received under executive Proclamation of Aug. 9, 1934 (nationalized silver).
[4] Includes unfit silver dollars melted under authority of act of Dec. 18, 1942, beginning April 1943.
[5] Foreign silver bullion includes imported bars (whether foreign or domestic bullion previously exported) acquired under Silver Purchase Act of June 19, 1934.

The Mint issue of fine gold bars for the industrial arts, by months, is given below for the calendar years 1944 and 1945:

Month	Value of gold bars issued		Month	Value of gold bars issued	
	1944	1945		1944	1945
January	$1,896,452.83	$6,146,676.37	August	$3,029,877.65	$7,311,052.36
February	2,901,455.72	5,324,090.02	September	3,927,354.91	8,272,621.73
March	2,597,217.74	8,861,603.45	October	5,682,976.99	7,449,602.15
April	2,469,142.47	6,460,577.88	November	5,596,248.64	9,257,936.73
May	3,520,206.50	5,435,561.80	December	4,650,029.86	7,385,134.70
June	3,670,509.21	8,527,485.99			
July	1,648,360.16	2,331,569.10	Total	41,589,832.68	82,763,912.28

Coinage of the United States, by mints, during the calendar year 1945

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
SILVER					
Half dollars	$15,751,000.00	$5,078,000.00	$4,983,400.00	$25,812,400.00	51,624,800
Quarter dollars	18,593,000.00	4,251,000.25	3,085,400.00	25,929,400.25	103,717,601
Dimes	15,913,000.00	4,192,000.00	4,024,500.00	24,129,500.00	241,295,000
Total silver	50,257,000.00	13,521,000.25	12,093,300.00	75,871,300.25	396,637,401
MINOR					
5-cent pieces	5,970,405.00	2,946,950.00	1,857,900.00	10,775,255.00	215,505,100
1-cent pieces	10,405,150.00	1,817,700.00	2,262,680.00	14,485,530.00	1,448,553,000
Total minor	16,375,555.00	4,764,650.00	4,120,580.00	25,260,785.00	1,664,058,100
Total domestic coinage	66,632,555.00	18,285,650.25	16,213,880.00	101,132,085.25	2,060,695,501

Coinage by the United States Mints for other countries, calendar year 1945

During the calendar year 1945, the United States mints broke all records for the manufacture of foreign coins. The coinage for other countries totaled 1,802,284,798 pieces as compared with 788,498,000 pieces during the prior calendar year.

The coinage by countries, denominations, composition, and mint institutions was as follows:

Country and denomination	Composition	Philadelphia	Denver	San Francisco	Total pieces
Dominican Republic: 5 centavos	35 silver-56 copper-9 manganese.	2,000,000	----------	----------	2,000,000
El Salvador:					
1 centavo	95 copper-5 zinc	5,000,000	----------	----------	5,000,000
25 centavos	900 silver-100 copper	----------	----------	1,000,000	1,000,000
Total, El Salvador coinage	----------	----------	----------	----------	6,000,000
Ethiopia:					
1 cent	95 copper-5 zinc	12,000,000	----------	----------	12,000,000
5 cents	do	12,838,000	----------	----------	12,838,000
10 cents	do	25,000,000	----------	----------	25,000,000
25 cents	do	10,000,000	----------	----------	10,000,000
50 cents	800 silver-200 copper	29,237,000	----------	----------	29,237,000
Total, Ethiopian coinage	----------	----------	----------	----------	89,075,000
Netherlands:					
Holland:					
10 cents	640 silver-360 copper	90,560,000	8,400,000	----------	98,960,000
25 cents	do	92,000,000	----------	----------	92,000,000
1 guilder	720 silver-280 copper	25,375,000	----------	----------	25,375,000
Total, Holland coinage	----------	----------	----------	----------	216,335,000
East Indies:					
½ cent	95 copper-5 zinc	400,000,000	----------	----------	400,000,000
1 cent	do	184,003,000	133,800,000	59,852,000	377,655,000
2½ cents	do	117,706,000	----------	----------	117,706,000
10 cents	720 silver-280 copper	100,720,000	----------	19,280,000	120,000,000
25 cents	do	----------	----------	56,000,000	56,000,000
Total, Netherlands East Indies coinage.	----------	----------	----------	----------	1,071,361,000
Peru: 50 centavos	70 copper-30 zinc	4,000,000	----------	----------	4,000,000
Philippine Islands:					
1 centavo	95 copper-5 zinc	----------	----------	78,485,798	78,485,798
5 centavos	12 percent nickel-silver.	----------	----------	72,796,000	72,796,000
10 centavos	750 silver-250 copper	----------	137,208,000	----------	137,208,000
20 centavos	do	----------	82,804,000	----------	82,804,000
50 centavos	do	----------	----------	18,120,000	18,120,000
Total, Philippine coinage	----------	----------	----------	----------	389,413,798
Saudi-Arabia: 1 riyal	916⅔ silver-83⅓ copper.	17,000,000	----------	----------	17,000,000
Venezuela:					
5 centimos	70 copper-30 zinc	----------	4,000,000	----------	4,000,000
12½ centimos	do	----------	800,000	----------	800,000
0.25 bolivares	835 silver-165 copper	----------	1,800,000	----------	1,800,000
0.50 bolivares	do	----------	500,000	----------	500,000
Total, Venezuelan coinage	----------	----------	----------	----------	7,100,000
Total foreign coinage, calendar year 1945.	----------	1,127,439,000	369,312,000	305,533,798	1,802,284,798
Prior calendar year, total coinage	----------	467,193,000	102,888,000	218,417,000	788,498,000

Total coinage by countries, calendar year 1945

Country	*Number of pieces*
Dominican Republic	2, 000, 000
El Salvador	6, 000, 000
Ethiopia	89, 075, 000
Netherlands: Holland	216, 335, 000
Netherland East Indies	1, 071, 361, 000
Peru	4, 000, 000
Philippine Islands	389, 413, 798
Saudi-Arabia	17, 000, 000
Venezuela	7, 100, 000
Total coinage	1, 802, 284, 798

Coinage by United States mints for foreign governments since enabling legislation of January 29, 1874, through December 31, 1945, by year and number of pieces

Year	Number of pieces	Year	Number of pieces
1876–77	12, 000, 000	1921	55, 094, 352
1883–84	1, 950, 000	1922	7, 863, 030
1895	4, 500, 000	1923	4, 369, 000
1896	500, 000	1924	12, 663, 196
1898	3, 346, 714	1925	13, 461, 000
1899	906, 089	1926	14, 987, 000
1900	320, 000	1927	3, 650, 000
1901	225, 000	1928	16, 701, 000
1902	21, 292, 844	1929	34, 980, 000
1903	70, 640, 489	1930	3, 300, 120
1904	36, 675, 526	1931	4, 498, 020
1905	13, 321, 394	1932	9, 756, 096
1906	45, 313, 047	1933	15, 240, 000
1907	29, 645, 359	1934	24, 280, 000
1908	11, 298, 981	1935	109, 600, 850
1909	7, 153, 818	1936	32, 350, 000
1910	7, 794, 406	1937	26, 800, 000
1911	6, 244, 348	1938	48, 579, 644
1912	7, 309, 258	1939	15, 725, 000
1913	17, 335, 005	1940	33, 170, 000
1914	55, 485, 190	1941	208, 603, 500
1915	37, 441, 328	1942	307, 737, 000
1916	25, 208, 497	1943	186, 682, 000
1917	60, 102, 000	1944	788, 498, 000
1918	100, 269, 195	1945 [1]	1, 802, 284, 798
1919	99, 002, 334	Total	[2] 4, 456, 154, 428
1920			

[1] See table on p. 50 for details on coinage for foreign governments.
[2] Total includes 66,943,807 planchets.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1946

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$106,300.00	$860.00	$107,160.00
Eagles	30,350.00	270.00	30,620.00
Half eagles	25,010.00	250.00	25,260.00
$3 pieces	24.00	6.00	30.00
Quarter eagles	4,797.50	70.00	4,867.50
$1 pieces	32.00	30.00	62.00
Total gold, face amount	166,513.50	1,486.00	167,999.50
Total value gold at $20.67+per ounce			167,479.36
Silver:			
Trade dollars		1.00	1.00
Standard dollars	96,455.00	617.00	97,072.00
Half dollars	696,535.00	4,057.50	700,592.50
Quarter dollars	692,919.50	3,573.50	696,493.00
20-cent pieces			
Dimes	378,371.20	3,247.00	381,618.20
Half dimes	18.95	.20	19.15
3-cent pieces	5.97	.03	6.00
Total silver, face amount	1,864,305.62	11,496.23	1,875,801.85
Nickel:			
5-cent pieces	183,541.35	5.35	183,546.70
3-cent pieces	3.63		3.63
1-cent pieces	12.39		12.39
Total nickel, face amount	183,557.37	5.35	183,562.72
Copper:			
1-cent pieces	18.37		18.37
½-cent pieces			
Total copper, face amount	18.37		18.37
Bronze and copper-zinc:			
2-cent pieces (bronze)	13.94		13.94
1-cent pieces	55,483.34	20.54	55,503.88
Total bronze and copper-zinc, face amount	55,497.28	20.54	55,517.82
Copper-silver-manganese: 5-cent pieces	18,061.00		18,061.00
Zinc-coated steel: 1-cent pieces	7,145.90		7,145.90
Total minor, face amount	264,279.92	25.89	264,305.81
Grand total, face amount	2,295,099.04	13,008.12	2,308,107.16

SUMMARY

Metal obtained from melting the above:		*Weights*
Gold	fine ounces	8,101.814
Silver:		
Unfit silver dollars from Treasury stock	do	72,139.97
All other silver coin	do	1,187,807.31
Nickel	gross ounces	566,232.17
Bronze and copper	do	545,924.21
Copper silver-manganese alloy	do	57,761.53
Zinc-coated steel	do	62,321.05
Monetary value of metal obtained:		
Gold (at $35 per fine ounce)		*Value*
Silver (at $1.38+ per fine ounce):		$283,563.49
Unfit silver dollars from Treasury stock		99,726.66
All other silver coin		1,642,035.33
Nickel		183,657.37
Bronze and copper		55,451.63
Gain by recoinage: Unfit silver dollars (net)		3,334.91
Loss by recoinage:		
Silver (except unfit silver dollars above)		136,339.55
Bronze and copper		943.12
Nickel		19,573.18

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1945

Denomination	From Treasury and Federal Reserve banks	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$96,820.00	$440.00	$97,260.00
Eagles	41,380.00	120.00	41,500.00
Half eagles	31,245.00	235.00	31,480.00
$3 pieces	30.00	6.00	36.00
Quarter eagles	5,232.50	160.00	5,392.50
$1 pieces	62.00	26.00	88.00
Total gold, face amount	174,769.50	987.00	175,756.50
Total value gold at $20.67+ per ounce			175,144.21
Silver:			
Trade dollars		2.00	2.00
Standard dollars	77,957.00	436.00	78,393.00
Half dollars	749,957.50	2,860.50	752,818.00
Quarter dollars	847,596.50	2,908.50	850,505.00
20-cent pieces	.40		.40
Dimes	395,541.50	3,069.90	398,611.40
Half dimes	14.00	.40	14.40
3-cent pieces	7.56		7.56
Total silver, face amount	2,071,074.46	9,277.30	2,080,351.76
Nickel:			
5-cent pieces	160,585.31		160,585.31
3-cent pieces	11.61		11.61
1-cent pieces	4.43		4.43
Total nickel, face amount	160,601.35		160,601.35
Copper:			
1-cent pieces	5.47		5.47
½-cent pieces	.02		.02
Total copper, face amount	5.49		5.49
Bronze and copper-zinc:			
2-cent pieces (bronze)	12.76		12.76
1-cent pieces	66,603.13	7.95	66,611.08
Total bronze and copper-zinc, face amount	66,615.89	7.95	66,623.84
Copper-silver-manganese: 5-cent pieces	8,074.20		8,074.20
Zinc-coated steel: 1-cent pieces		6,902.81	6,902.81
Total minor, face amount	235,296.93	6,910.76	242,207.69
Grand total, face amount	2,481,140.89	17,175.06	2,498,315.95

SUMMARY

		Weights
Metal obtained from melting the above:		
Gold	fine ounces	8,472.601
Silver:		
Unfit silver dollars from Treasury stock	do	58,549.48
All other silver coin	do	1,333,566.94
Nickel	gross ounces	495,143.02
Bronze and copper	do	653,902.32
Copper-silver-manganese alloy	do	25,652.11
Zinc-coated steel	do	60,661.50
		Value
Monetary value of metal obtained:		
Gold (at $35 per fine ounce)		$296,541.04
Silver (at $1.38+ per fine ounce):		
Unfit silver dollars from Treasury stock		80,939.32
All other silver coin		1,843,534.74
Nickel		160,201.35
Bronze and copper		66,314.23
Gain by recoinage: unfit silver dollars (net)		1,905.08
Loss by recoinage:		158,027.89
Silver (except unfit silver dollars above)		1,116.74
Bronze and copper		

Standard silver dollars (mutilated) purchases as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year:	Face amount	Fiscal year—Continued	Face amount
1883–1929 [1]	$221,149	1939	$629
1930	1,329	1940	366
1931	1,193	1941	407
1932	442	1942	562
1933	513	1943	244
1934	504	1944	682
1935	649	1945	436
1936	638	1946	617
1937	339		
1938	607	Total	231,306

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.

Silver coin (including silver dollars) withdrawn from circulation for recoinage into subsidiary coin, since 1890

Fiscal year	Face amount	Face amount of new coin producible	Loss	Fiscal year	Face amount	Face amount of new coin producible	Loss
1891–1929 [1]	[2]$128,045,738	$121,738,081	$6,307,657	1939	$4,861,773	$4,434,279	$427,494
1930	4,347,695	3,944,682	403,013	1940	4,530,970	4,140,548	390,422
1931	5,487,496	4,997,679	489,817	1941	4,122,939	3,774,669	348,270
1932	7,482,437	6,825,156	657,281	1942	2,767,828	2,532,102	235,726
1933	8,467,446	7,715,023	752,423	1943	[3]10,619,576	10,588,190	31,386
1934	7,563,736	6,948,272	615,464	1944	[3]46,363,450	47,393,898	[4]+1,030,448
1935	8,828,214	8,074,032	754,182	1945	[3] 2,363,287	2,210,134	[5]249,094
1936	7,200,195	6,587,520	612,675	1946	[3] 1,875,802	1,751,870	133,005
1937	6,026,887	5,526,508	500,379				
1938	5,514,687	5,038,320	476,367	Total	266,470,156	254,220,963	12,354,207

[1] For separate fiscal year data prior to 1930, see Annual Report for 1931, p. 72.
[2] Includes silver dollars melted for subsidiary coin under act of Apr. 23, 1918: $1,000,000 in 1919; $10,000,000 in 1920; and $111,168 in 1921.
[3] Includes unfit silver dollars melted for recoinage into subsidiary coin under act of Dec. 18, 1942: $8,080,739 in 1943; $44,658,194 in 1944; $393,881 in 1945; $96,455 in 1946.
[4] In 1944, gain on silver dollars, $1,171,538; loss on subsidiary coin, $141,090.
[5] In 1945 gain on silver dollar, $8,503; loss on subsidiary coin, $257,597.

Minor coins outstanding

Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

During the fiscal year 1946 1-cent coins were minted of 95 percent copper and 5 percent zinc. Five-cent coins minted the first half of the fiscal year were composed of 56 percent copper, 35 percent silver and 9 percent manganese; the last half of the fiscal year of the former alloy of 25 percent nickel and 75 percent copper.

The following statement shows the coinage of minor coins, by denomination and composition, the amount on hand at the mints, the amount issued, melted, and outstanding on June 30, 1946:

Denomination and composition	Total coined	On hand at mints unissued	Issued	Melted	Issued amount outstanding June 30, 1946
Half cents, copper [1]	$39,909.11		$39,909.11	$2.47	$39,906.64
Cents:					
Copper	1,562,887.44		1,562,887.44	383,793.14	1,179,094.30
Nickel-copper	2,007,720.00		2,007,720.00	809,229.74	1,198,490.26
Bronze and copper-zinc	145,705,720.98	$424,015.00	145,281,705.98	2,254,397.74	143,027,308.24
Zinc-coated steel	10,938,386.70		10,938,386.70	14,048.71	10,924,337.99
2 cents, bronze	912,020.00		912,020.00	344,229.82	567,790.18
3 cents, nickel-copper	941,349.48		941,349.48	288,070.71	653,278.77
5 cents:					
Nickel-copper	140,725,016.60	608,400.00	140,116,616.60	12,570,236.86	127,546,379.74
Copper-silver-manganese	43,496,185.00	[2]1,969,100.00	[2]41,624,085.00	26,556.90	41,500,528.10
Total	346,329,195.31	[2]3,001,515.00	[2]343,424,680.31	16,690,566.09	326,637,114.22

[1] There is no record of the earlier melting of old copper half cents, but it is believed that few, if any, are now in circulation.
[2] Includes $97,000 copper-silver-manganese 5-cent coins previously issued and returned to stock.

Deposits of foreign gold bullion and coin during the fiscal year 1946

[On quantity basis]

Country	Crude bullion	Refined bullion	Secondary	Coin	Total monetary value	Total fine ounces
North America:						
Canada	$30,574,418.50	$58,349,844.35		$236,288,209.75	$325,212,472.60	9,291,784.931
Mexico	887,952.35	18,033,943.83		247.10	18,922,143.28	540,632.665
Central America and West Indies:						
British West Indies	5.15				5.15	.147
Costa Rica	73,032.37				73,032.37	2,086.639
El Salvador	190,163.05				190,163.05	5,433.230
Guatemala	1,135.09				1,135.09	32.431
Haiti			$1,598.91		1,598.91	45.683
Honduras	28,129.32				28,129.32	803.695
Nicaragua	1,764,625.17	520,182.70			2,284,807.87	65,280.225
Panama (Republic)	5,439.00				5,439.00	155.400
South America:						
British Guiana	451,921.37				451,921.37	12,912.039
Colombia		1,179.54			1,179.54	33.701
Ecuador	2,064.69				2,064.69	58.991
French Guiana	171,378.94				171,378.94	4,896.541
Peru	2,056,919.55	134,971.06			2,191,890.61	62,625.446
Venezuela	1,662,085.74				1,662,085.74	47,488.164
Europe:						
Austria				1,067.53	1,067.53	30.501
Belgium	9,593,517.22	13,952,607.31			23,546,124.53	672,746.415
Denmark	1,509,311.09				1,509,311.09	43,123.174
Finland	734,582.98	1,042,572.76		1,462,140.12	3,239,295.86	92,551.310
France	98,255,914.72	176,505,531.83		46.86	274,761,493.41	7,850,328.383
Germany	23.00			36.05	59.05	1.687
Great Britain		27,843.94		115,896.66.	143,740.60	4,106.874
Italy				6.44	6.44	.184
Switzerland				9.59	9.59	.274
Union of Soviet Socialist Republics		5,624,444.91			5,624,444.91	160,698.426
Yugoslavia				343.70	343.70	9.820
Africa:						
Liberia	472,917.20				472,917.20	13,511.920
Tunisia				6.44	6.44	.184
Union of South Africa		3,243,965.69			3,243,965.69	92,684.734
Asia:						
Burma	75.46				75.46	2.156
Iran	3,018,029.18	8,449,057.37			11,467,086.55	327,631.044
Oceania:						
Fiji Islands	1,904,828.38				1,904,828.38	54,423.668
New Zealand	11,515.35				11,515.35	329.010
Unallocated	10.43		81.51	1,063.83	1,155.77	33.022
Total value	153,369,995.30	285,886,145.29	1,680.42	237,869,074.07	677,126,895.08	
Total ounces	4,381,999.864	8,168,175.579	48.012	6,796,259.259		19,346,482.714

Deposits of foreign silver bullion and coin during the fiscal year 1946

Country	Fine ounces of silver [1]	Country	Fine ounces of silver [1]
North America:		South America—Continued	
Canada	1,054.01	Peru	28,068.72
Mexico	9,024.05	Venezuela	3,157.00
Central America and West Indies:		Europe:	
British West Indies	.01	Finland	10.35
Costa Rica	1,280.65	France	23.87
El Salvador	151,301.90	Germany	.09
Guatemala	2.70	Africa: Liberia	147.29
Honduras	174.00	Asia: Burma	.18
Nicaragua	46,664.19	Oceania:	
Panama (Republic)	51.18	Fiji Islands	17,583.51
South America:		New Zealand	11.61
British Guiana	564.53	Foreign coin (unknown)	.01
Ecuador	7.24		
French Guiana	235.90	Total	259,362.99

[1] Consists wholly of unrefined bullion except for Canada (coin), British West Indies (coin), and foreign coin (unknown).

Summary statement of total United States exports and imports of gold and silver during the fiscal year 1946 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	*Dollars*	*Dollars*	*Dollars*
Grand total	124,993,761	391,568,349	53,436,478	28,404,429
Ore and base bullion		31,673,006		16,393,096
Refined bullion	124,894,445	208,994,137	42,415,636	10,855,831
Coin:				
United States			1,303,001	1,023,264
Foreign	99,316	150,901,206	9,717,841	132,238

[1] Compiled by the United States Department of Commerce, Bureau of the Census, Foreign Trade Division.

Summary statement of total United States exports and imports of gold and silver during the calendar year 1945 [1]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
	Dollars	*Dollars*	*Dollars*	*Dollars*
Grand total	199,967,940	93,718,050	90,936,901	27,278,396
Ore and base bullion		33,766,418		16,166,198
Refined bullion	198,270,054	59,910,108	70,052,904	10,106,194
Coin:				
United States			2,147,506	1,003,132
Foreign	1,697,886	41,524	18,736,491	2,872

[1] Compiled by the United States Department of Commerce, Bureau of the Census, Foreign Trade Division.

Domestic coinage of each mint during the past 10 fiscal years—by denomination and number of pieces

Mint and denomination	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	Total
PHILADELPHIA											
Silver:											
Half dollars	14, 205, 199	8, 766, 396	2, 305, 608	7, 420, 080	14, 663, 694	31, 753, 130	67, 023, 354	32, 918, 000	40, 878, 000	8, 550, 000	228, 483, 461
Quarter dollars	37, 028, 254	22, 106, 073	12, 129, 748	33, 149, 907	59, 077, 461	75, 107, 008	140, 585, 354	79, 688, 000	95, 180, 000	53, 700, 000	607, 751, 805
Dimes	85, 244, 939	58, 986, 050	31, 400, 021	67, 340, 543	114, 015, 402	159, 180, 424	254, 009, 254	156, 430, 000	244, 130, 000	166, 910, 000	1, 337, 646, 633
Total silver	136, 478, 392	89, 858, 519	45, 835, 377	107, 910, 530	187, 756, 557	266, 040, 562	461, 617, 962	269, 036, 000	380, 188, 000	229, 160, 000	2, 173, 881, 899
Minor:											
5-cent pieces	119, 529, 570	46, 452, 005	56, 988, 400	151, 400, 300	202, 871, 278	158, 484, 400	216, 594, 600	161, 678, 000	108, 748, 100	140, 067, 000	1, 362, 813, 653
1-cent pieces	320, 549, 955	320, 616, 920	83, 035, 054	356, 899, 800	803, 295, 372	1, 070, 230, 100	279, 242, 800	1, 119, 423, 670	1, 577, 669, 000	678, 664, 000	6, 609, 626, 671
Total minor	440, 079, 525	367, 068, 925	140, 023, 454	508, 300, 100	1, 006, 166, 650	1, 228, 714, 500	495, 837, 400	1, 281, 101, 670	1, 686, 417, 100	818, 731, 000	7, 972, 440, 324
Total silver and minor	576, 557, 917	456, 927, 444	185, 858, 831	616, 210, 630	1, 193, 923, 207	1, 494, 755, 062	957, 455, 362	1, 550, 137, 670	2, 066, 605, 100	1, 047, 891, 000	10, 146, 322, 223
SAN FRANCISCO											
Silver:											
Half dollars	3, 442, 581	1, 540, 024	10, 116	2, 792, 000	4, 766, 000	12, 152, 000	13, 376, 000	12, 158, 000	10, 702, 000	8, 196, 000	69, 134, 721
Quarter dollars	3, 356, 000	180, 000	2, 832, 000	2, 628, 000	9 640 000	20, 744, 000	20, 684, 000	19, 476, 000	16, 036, 001	8, 392, 000	103, 968, 001
Dimes	11, 550, 000	5, 690, 000	8, 090, 000	10, 540, 000	28, 290, 000	55, 930, 000	53, 160, 000	63, 530, 000	45, 370, 000	42, 470, 000	324, 620, 000
Total silver	18, 348, 581	7, 410, 024	10, 932, 116	15, 960, 000	42, 696, 000	88, 826, 000	87, 220, 000	95, 164, 000	72, 108, 001	59, 058, 000	497, 722, 722
Minor:											
5-cent pieces	17, 295, 000	140, 000	4, 105, 000	12, 530, 000	48, 455, 000	28, 780, 000	89, 490, 000	61, 510, 000	17, 360, 000	60, 579, 000	340, 244, 000
1-cent pieces	29, 530, 000	24, 780, 000	11, 790, 000	64, 280, 000	96, 810, 000	147, 170, 000	71, 170, 000	418, 490, 000	83, 160, 000	135, 470, 000	1, 082, 650, 000
Total minor	46, 825, 000	24, 920, 000	15, 895, 000	76, 810, 000	145, 265, 000	175, 950, 000	160, 660, 000	480, 000, 000	100, 520, 000	196, 049, 000	1, 422, 894, 00
Total silver and minor	65, 173, 581	32, 330, 024	26, 827, 116	92, 770, 000	187, 961, 000	264, 776, 000	247, 880, 000	575, 164, 000	172, 628, 001	255, 107, 000	1, 920, 616, 722
DENVER											
Silver:											
Half dollars	3, 012, 039	1, 693, 015	1, 304, 313	3, 465, 200	3, 752, 400	12, 856, 000	14, 446, 000	5, 607, 800	11, 742, 200	5, 823, 600	63, 702, 567
Quarter dollars	5, 749, 200	3, 578, 800	1, 904, 000	5, 188, 000	9, 090, 400	21, 943, 600	19, 348, 400	12, 086, 800	15, 000, 800	7, 204, 000	101, 094, 000
Dimes	14, 195, 000	9, 214, 000	10, 536, 000	19, 395, 000	39, 380, 000	59, 670, 000	100, 471, 000	24, 462, 000	52, 151, 000	57, 583, 500	387, 057, 500
Total silver	22, 956, 239	14, 485, 815	13, 744, 313	28, 048, 200	52, 222, 800	94, 469, 600	134, 265, 400	42, 156, 600	78, 894, 000	70, 611, 100	551, 854, 067
Minor:											
5-cent pieces	28, 008, 000	15, 152, 000	5, 376, 000	11, 702, 000	63, 902, 000	38, 820, 000	----------	30, 442, 000	29, 519, 000	41, 980, 000	264, 901, 000
1-cent pieces	68, 220, 000	21, 480, 000	23, 760, 000	19, 360, 000	101, 340, 000	222, 070, 000	132, 498, 000	380, 740, 000	298, 488, 000	242, 538, 000	1, 510, 494, 000
Total minor	96, 228, 000	36, 632, 000	29, 136, 000	31, 062, 000	165, 242, 000	260, 890, 000	132, 498, 000	411, 182, 000	328, 007, 000	284, 518, 000	1, 775, 395, 000
Total silver and minor	119, 184, 239	51, 117, 815	42, 880, 313	59, 110, 200	217, 464, 800	355, 359, 600	266, 763, 400	453, 338, 600	406, 901, 000	355, 129, 100	2, 327, 249, 067

Domestic coinage of each mint during the past 10 fiscal years—by denomination and number of pieces—Continued

Mint and denomination	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	Total
ALL MINTS											
Silver:											
Half dollars	20,659,819	11,999,435	3,620,037	13,677,280	23,182,094	56,761,130	94,845,354	50,683,800	63,322,200	22,569,600	361,320,749
Quarter dollars	46,133,454	25,864,873	16,865,748	40,965,907	77,807,861	117,794,608	180,617,754	111,250,800	126,216,801	69,296,000	812,813,806
Dimes	110,989,939	73,890,050	50,026,021	97,275,543	181,685,402	274,780,424	407,640,254	244,422,000	341,651,000	266,963,500	2,049,324,133
Total silver	177,783,212	111,754,358	70,511,806	151,918,730	282,675,357	449,336,162	683,103,362	406,356,600	531,190,001	358,829,100	3,223,458,688
Minor:											
5-cent pieces	164,832,570	61,744,005	66,469,400	175,632,300	315,228,278	226,084,400	306,084,600	253,630,000	155,627,100	242,626,000	1,967,958,653
1-cent pieces	418,299,955	366,876,920	118,585,054	440,539,800	1,001,445,372	1,439,470.100	482,910,800	1,918,653,670	1,959,317,000	1,056,672,000	9,202,770,671
Total minor	583,132,525	428,620,925	185,054,454	616,172,100	1,316,673,650	1,665,554,500	788,995,400	2,172,283,670	2,114,944,100	1,299,298,000	11,170,729,324
Grand total pieces	760,915,737	540,375,283	255,566,260	768,090,830	1,599,349,007	2,114,890,662	1,472,098,762	2,578,640,270	2,646,134,101	1,658,127,100	14,394,188,012

Domestic coinage of each mint during the past 10 fiscal years—by denomination and face value (cents rounded to nearest dollar)

Mint and denomination	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	Total
PHILADELPHIA											
Silver:											
Half dollars	$7,102,600	$4,383,198	$1,152,804	$3,710,040	$7,331,847	$15,876,565	$33,511,677	$16,459,000	$20,439,000	$4,275,000	$114,241,731
Quarter dollars	9,257,063	5,526,518	3,032,437	8,287,477	14,769,365	18,776,752	35,146,339	19,922,000	23,795,000	13,425,000	151,937,951
Dimes	8,524,494	5,898,605	3,140,002	6,734,054	11,401,540	15,918,042	25,400,925	15,643,000	24,413,000	16,691,000	133,764,662
Total silver	24,884,157	15,808,321	7,325,243	18,731,571	33,502,752	50,571,359	94,058,941	52,024,000	68,647,000	34,391,000	399,944,344
Minor:											
5-cent pieces	5,976,478	2,322,600	2,849,420	7,570,015	10,143,564	7,924,220	10,829,730	8,083,900	5,437,405	7,003,350	68,140,682
1-cent pieces	3,205,500	3,206,170	830,351	3,568,998	8,032,954	10,702,301	2,792,428	11,194,237	15,776,690	6,786,640	66,096,269
Total minor	9,181,978	5,528,770	3,679,771	11,139,013	18,176,518	18,626,521	13,622,158	19,278,137	21,214,095	13,789,990	134,236,951
Total silver and minor	34,066,135	21,337,091	11,005,014	29,870,584	51,679,270	69,197,880	107,681,099	71,302,137	89,861,095	48,180,990	534,181,295

SAN FRANCISCO											
Silver:											
Half dollars	1, 721, 291	770, 012	5, 058	1, 396, 000	2, 383, 000	6, 076, 000	6, 688, 000	6, 079, 000	5, 351, 000	4, 098, 000	34, 567, 361
Quarter dollars	839, 000	45, 000	708, 000	657, 000	2, 410, 000	5, 186, 000	5, 171, 000	4, 869, 000	4, 009, 000	2, 098, 000	25, 992, 000
Dimes	1, 155, 000	569, 000	809, 000	1, 054, 000	2, 829, 000	5, 593, 000	5, 316, 000	6, 353, 000	4, 537, 000	4, 247, 000	32, 462, 000
Total silver	3, 715, 291	1, 384, 012	1, 522, 058	3, 107, 000	7, 622, 000	16, 855, 000	17, 175, 000	17, 301, 000	13, 897, 000	10, 443, 000	93, 021, 361
Minor:											
5-cent pieces	864, 750	7, 000	205, 250	626, 500	2, 422, 750	1, 439, 000	4, 474, 500	3, 075, 500	868, 000	3, 028, 950	17, 012, 200
1-cent pieces	295, 300	247, 800	117, 900	642, 800	968, 100	1, 471, 700	711, 700	4, 184, 900	831, 600	1, 354, 700	10, 826, 500
Total minor	1, 160, 050	254, 800	232, 150	1, 269, 300	3, 390, 850	2, 910, 700	5, 186, 200	7, 260, 400	1, 699, 600	4, 383, 650	27, 838, 700
Total silver and minor	4, 875, 341	1, 638, 812	1, 845, 208	4, 376, 300	11, 012, 850	19, 765, 700	22, 361, 200	24, 561, 400	15, 596, 600	14, 826, 650	120, 860, 061
DENVER											
Silver:											
Half dollars	1, 506, 019	846, 507	652, 156	1, 732, 600	1, 876, 200	6, 428, 000	7, 223, 000	2, 803, 900	5, 871, 100	2, 911, 800	31, 851, 282
Quarter dollars	1, 437, 300	894, 700	476, 000	1, 297, 000	2, 272, 600	5, 485, 900	4, 837, 100	3, 021, 700	3, 750, 200	1, 801, 000	25, 273, 500
Dimes	1, 419, 500	921, 400	1, 053, 600	1, 939, 500	3, 938, 000	5, 967, 000	10, 047, 100	2, 446, 200	5, 215, 100	5, 758, 350	38, 705, 750
Total silver	4, 362, 819	2, 662, 607	2, 181, 756	4, 969, 100	8, 086, 800	17, 880, 900	22, 107, 200	8, 271, 800	14, 836, 400	10, 471, 150	95, 830, 532
Minor:											
5-cent pieces	1, 400, 400	757, 600	268, 800	585, 100	3, 195, 100	1, 941, 000	----------	1, 522, 100	1, 475, 950	2, 099, 000	13, 245, 050
1-cent pieces	682, 200	214, 800	237, 600	193, 600	1, 013, 400	2, 220, 700	1, 324, 980	3, 807, 400	2, 984, 880	2, 425, 380	15, 104, 940
Total minor	2, 082, 600	972, 400	506, 400	778, 700	4, 208, 500	4, 161, 700	1, 324, 980	5, 329, 500	4, 460, 830	4, 524, 380	28, 349, 990
Total silver and minor	6, 445, 419	3, 635, 007	2, 688, 156	5, 747, 800	12, 295, 300	22, 042, 600	23, 432, 180	13, 601, 300	19, 297, 230	14, 995, 530	124, 180, 522
ALL MINTS											
Silver:											
Half dollars	10, 329, 910	5, 999, 717	1, 810, 018	6, 838, 640	11, 591, 047	28, 380, 565	47, 422, 677	25, 341, 900	31, 661, 100	11, 284, 800	180, 660, 374
Quarter dollars	11, 533, 363	6, 466, 218	4, 216, 437	10, 241, 477	19, 451, 965	29, 448, 652	45, 154, 439	27, 812, 700	31, 554, 200	17, 324, 000	203, 203, 451
Dimes	11, 098, 994	7, 389, 005	5, 002, 602	9, 727, 554	18, 168, 540	27, 478, 042	40, 764, 025	24, 442, 200	34, 165, 100	26, 696, 350	204, 932, 412
Total silver	32, 962, 267	19, 854, 940	11, 029, 057	26, 807, 671	49, 211, 552	85, 307, 259	133, 341, 141	77, 596, 800	97, 380, 400	55, 305, 150	588, 796, 237
Minor:											
5-cent pieces	8, 241, 628	3, 087, 200	3, 323, 470	8, 781, 615	15, 761, 414	11, 304, 220	15, 304, 231	12, 681, 500	7, 781, 355	12, 131, 300	98, 397, 933
1-cent pieces	4, 183, 000	3, 668, 769	1, 185, 851	4, 405, 398	10, 014, 454	14, 394, 701	4, 829, 108	19, 186, 537	19, 593, 170	10, 566, 720	92, 027, 708
Total minor	12, 424, 628	6, 755, 969	4, 509, 321	13, 187, 013	25, 775, 868	25, 698, 921	20, 133, 339	31, 868, 037	27, 374, 525	22, 698, 020	190, 425, 641
Grand total amount	45, 386, 895	26, 610, 909	15, 538, 378	39, 994, 684	74, 987, 420	111, 006, 180	153, 474, 480	109, 464, 837	124, 754, 925	78, 003, 170	779, 221, 878

722456—47——5

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined [1]

GOLD COINAGE [2]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [3]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do.[3]	June 28, 1834	64.5	899.225		
Do.[3]	Jan. 18, 1837	64.5	900		
Do.[3]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [4]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [4]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] For U. S. coinage by calendar years 1793–1943, see Annual Report for 1944, pp. 66–73.

[2] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[3] Discontinued by act of Apr. 11, 1930.

[4] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1945	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1] [2]	Apr. 2, 1792	416	892.4		
Do.[1] [2]	Jan. 18, 1837	412½	900		
Do.[2]	Feb. 28, 1878	412½	900	855, 611, 127	[2] $855,611,127.00
Do.[2]	July 14, 1890	412½	900		
Do.[2]	Mar. 3, 1891	412½	900		
Do.[2]	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924. 00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026. 00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	841, 193, 912	420, 596, 956. 00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052. 50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015. 00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029. 00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014. 00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300, 165	150, 082. 50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022. 00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014. 00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030. 50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038. 50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040. 00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354. 50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 099	81, 049. 50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100. 00
Fort Vancouver	do	192.9	900	50, 028	25, 014. 00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264. 00
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017. 00
Oregon Trail	May 17, 1926	192.9	900	264, 419	132, 209. 50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004. 00
Texas Centennial	June 15, 1933	192.9	900	304, 193	152, 096. 50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108, 603	54, 301. 50
Maryland Tercentennial	May 9, 1934	192.9	900	25, 015	12, 507. 50
Arkansas Centennial	May 14, 1934	192.9	900	120, 166	60, 083. 00
Connecticut Tercentennial	June 21, 1934	192.9	900	25, 018	12, 509. 00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10, 008	5, 004. 00
Providence, R. I., Tercentennial	do	192.9	900	50, 034	25, 017. 00
California-Pacific Exposition	May 3, 1935	192.9	900	430, 224	215, 112. 00
Old Spanish Trail	June 5, 1935	192.9	900	10, 008	5, 004. 00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25, 023	12, 511. 50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15, 016	7, 508. 00

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	$1, 440, 517
		6, 590, 721
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		378, 166, 793
Act Feb. 28, 1878 (Bland-Allison Act)	$36, 087, 285	
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	42, 139, 872	
Act Nov. 1, 1893, to June 12, 1898	108, 800, 188	187, 027, 345
Act June 13, 1898, war revenue bill		5, 078, 472
Act Mar. 3, 1887 and 1891, trade-dollar conversion	$86, 730, 000	
Act Apr. 23, 1918, Pittman Act replacement:	183, 502, 722	270, 232, 722
Old design, since Feb. 21, 1921		7, 021, 528
Peace dollar, since Dec. 21, 1921		53, 029
Act May 12, 1933 (sec. 43), Executive proclamation, Dec. 21, 1933		
Act June 19, 1934 (sec. 7), Executive proclamation, Aug. 9, 1934		855, 611, 127
Total		

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1945	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	$50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill. Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco - Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4	1,544,239,469	386,059,867.25
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4	3,441,000,445	344,100,044.50
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4	97,604,388	4,880,219.40
Do.[10]	Jan. 18, 1837	20⅝	900		
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12⅜	750	42,736.240	1,282,087.20
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver				6,871,680,916	2,054,769,438.10

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined—Continued *

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1945	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		2,726,456,332	$136,322,816.60
Do	Feb. 12, 1873			869,923,700	43,496,185.00
5 cents (silver)	Mar. 27, 1942	77.16		31,378,316	941,349.48
3 cents (nickel) [2]	Mar. 3, 1865	30		45,601,000	912,020.00
Do.[2]	Feb. 12, 1873				
2 cents (bronze) [3]	Apr. 22, 1864	96		156,288,744	1,562,887.44
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208			
Do.[4]	Jan. 26, 1796	186			
Do.[5]	Jan. 18, 1837	168		200,772,000	2,007,720.00
Cent (nickel) [6]	Feb. 21, 1857	72		10,534,616,098	105,346,160.98
Cent (bronze)	Apr. 22, 1864	48		1,093,838,670	10,938,386.70
Do	Feb. 12, 1873			3,597,291,000	35,972,910.00
Cent (zinc-steel)	Dec. 18, 1942	42.5			
Cent (copper-zinc)	Dec. 18, 1942	48		7,981,822	39,909.11
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104			
Do.[4]	Jan. 25, 1796	84			
Do.[5]	Jan. 18, 1837	84			
Total minor				19,264,147,682	337,540,345.31
Grand total, gold, silver, and minor coinage				26,487,373,956	6,918,528,260.91

[1] *Composition—Percent.*
5 and 3 cent (nickel)—copper, 75; nickel, 25.
5 cent (silver)—copper, 56; silver, 35; manganese, 9. First coined October 1942.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—all copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel with zinc coating each side, 0.0005 inch. Coined during calendar year 1943.
1 cent (zinc-steel)—copper, 70; zinc, 30. First coined January 1944.

[2] 3-cent piece discontinued by act of Sept. 26, 1890.
[3] 2-cent piece discontinued by act of Feb. 12, 1873.
[4] Proclamation of the President in conformity with act of Mar. 3, 1795.
[5] Copper cents and half cents discontinued by act of Feb. 21, 1857.
[6] Nickel cents discontinued by act of Apr. 22, 1864.
*For U. S. coinage by calendar years 1793–1943, see Annual Report for 1944, pp. 66–73; for calendar year coinage subsequent to 1943, see Annual Reports beginning 1945.

Appropriations, reimbursements, expenses, and balances of the United States Mint Service, fiscal year ended June 30, 1946

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated				[1] $188,800.00
Reimbursed				[2] 39,078.58
Expended	$153,173.20	$18,478.00	[3] $28,902.09	200,553.29
Unexpended balance				27,325.29
FIELD SERVICE				
Appropriated				5,642,900.00
Reimbursed:				
Philadelphia Mint				4,751,792.85
San Francisco Mint				1,086,011.14
Denver Mint				488,694.90
New York Assay Office				29,338.19
Seattle Assay Office				
Fort Knox Depository				
Total available				11,998,737.08
Expended:				
Philadelphia Mint	4,419,303.97	2,364,732.97	(441.35)	6,784,036.94
San Francisco Mint	1,119,938.53	709,325.37	(50.63)	1,829,263.90
Denver Mint	1,163,374.76	499,423.27	(43.57)	1,662,798.03
New York Assay Office	534,667.95	127,369.16	(27,366.54)	662,037.11
Seattle Assay Office	23,894.27	1,702.92	(1,000.00)	25,597.19
Fort Knox Depository	103,290.79	3,301.26		106,592.05
Total expended	7,364,470.27	3,705,854.95		11,070,325.22
Unexpended balance				928,411.86
TOTAL, ENTIRE SERVICE				
Appropriated				5,831,700.00
Reimbursed				6,394,915.66
Available				12,226,615.66
Expended				11,270,878.51
Unexpended balance				955,737.15

[1] Includes $168,000, salaries and expenses, Office of the Director of the Mint; $12,800, transportation of bullion and coin, mints and assay offices; and $8,000, printing and binding.
[2] Reimbursements, transportation of bullion and coin, mints and assay offices.
[3] Chargeable as indicated below in parentheses to several offices.

Cash assets and liabilities of the United States Mint Service on June 30, 1946

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	103,939.501	$3,637,881.94	75,892,984.20	$71,497,808.84
San Francisco Mint	10,107,716.591	388,770,080.54	487,305,995.38	615,152,802.78
Denver Mint	162,993,119.452	5,704,759,180.78	19,529,144.63	17,717,093.76
New York Assay Office (including West Point Depository)	46,595,077.270	1,630,827,852.78	235,525,386.30	278,365,130.19
Seattle Assay Office	34,489.921	1,207,148.66	18,759.70	13,231.98
Fort Knox Bullion Depository	356,669,010.306	12,483,415,360.28	----------	----------
Total	576,503,353.041	20,212,617,504.98	818,272,270.21	982,746,067.55

Institution	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$162,540,090.10	$91,869.31	----------
San Francisco Mint	44,422,135.40	2,189,230.56	$42,500.00
Denver Mint	27,347,824.95	731,793.28	19,200.00
New York Assay Office (including West Point Depository)	50,677,482.00	.39	975,000.00
Seattle Assay Office	----------	----------	----------
Fort Knox Bullion Depository	----------	----------	----------
Total	284,987,532.45	3,012,893.54	1,036,700.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$474,150.95	$22,663.75	$207,947.05	$238,472,411.94
San Francisco Mint	121,485.54	12,272.59	59,689.61	1,050,770,197.02
Denver Mint	144,969.58	66,606.81	6,769.22	5,750,793,438.38
New York Assay Office (including West Point Depository)	----------	----------	----------	1,960,845,465.36
Seattle Assay Office	----------	----------	----------	1,220,380.64
Fort Knox Bullion Depository	----------	----------	----------	12,483,415,360.28
Total	740,606.07	101,543.15	274,405.88	21,485,517,253.62

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total
Philadelphia Mint	$237,767,390.90	$675,000.00	$22,663.75	$7,357.29	$238,472,411.94
San Francisco Mint	1,050,496,942.14	175,000.00	88,424.25	9,830.63	1,050,770,197.02
Denver Mint	5,750,106,454.24	150,000.00	527,526.63	9,457.51	5,750,793,438.38
New York Assay Office (including West Point Depository)	1,960,845,465.36	----------	----------	----------	1,960,845,465.36
Seattle Assay Office	1,220,380.64	----------	----------	----------	1,220,380.64
Fort Knox Bullion Depository	12,483,415,360.28	----------	----------	----------	12,483,415,360.28
Total	21,483,851,993.56	1,000,000.00	638,614.63	26,645.43	21,485,517,253.62

Cash assets and liabilities of the United States Mint Service on December 31, 1945

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
Philadelphia Mint	120,748.027	$4,226,180.59	91,119,486.08	$78,600,944.27
San Francisco Mint	10,824,038.531	378,841,348.83	490,018,986.21	492,400,300.89
Denver Mint	162,800,829.279	5,698,029,025.39	20,935,321.92	18,040,034.58
New York Assay Office (including West Point Depository)	41,161,512.235	1,440,653,111.45	235,224,970.76	271,145,242.46
Seattle Assay Office	65,677.408	2,298,710.67	27,715.06	19,599.94
Fort Knox Bullion Depository	356,669,010.306	12,483,415,360.28		
Total	571,641,815.786	20,007,463,737.21	837,326,480.03	860,206,122.14

Institution	Gold coin	Silver coin	Minor coin	Paper currency
Philadelphia Mint	$8,398.90	$166,397,131.45	$1,501,781.22	
San Francisco Mint		42,619,878.20	2,444,599.68	$100,500.00
Denver Mint		28,225,405.84	1,058,525.64	28,200.00
New York Assay Office (including West Point Depository)		51,185,507.15		2,353,813.00
Seattle Assay Office				
Fort Knox Bullion Depository				
Total	8,398.90	288,427,922.64	5,004,906.54	2,482,513.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
Philadelphia Mint	$778,723.29	$56,176.40	$210,473.60	$251,779,809.72
San Francisco Mint	83,688.27	8,766.60	110,942.05	916,610,024.52
Denver Mint	213,644.39	4,553.31	10,137.20	5,745,609,526.35
New York Assay Office (including West Point Depository)				1,765,337,674.06
Seattle Assay Office				2,318,310.61
Fort Knox Bullion Depository				12,483,415,360.28
Total	1,076,055.95	69,496.31	331,552.85	21,165,070,705.54

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund subsidiary	Recoinage fund minor	Total
Philadelphia Mint	$250,628,516.96	$675,000.00	$123,214.65	$353,078.11	$251,779,809.72
San Francisco Mint	916,314,330.42	175,000.00	60,525.20	60,168.90	916,610,024.52
Denver Mint	5,745,290,250.01	150,000.00	80,753.03	88,523.31	5,745,609,526.35
New York Assay Office (including West Point Depository)	1,765,337,674.06				1,765,337,674.06
Seattle Assay Office	2,318,310.61				2,318,310.61
Fort Knox Bullion Depository	12,483,415,360.28				12,483,415,360.28
Total	21,163,304,442.34	1,000,000.00	264,492.88	501,770.32	21,165,070,705.54

Estimated stock of domestic coin in the United States calendar year 1945

Item	Silver	Minor	Total
	Face value	*Face value*	*Face value*
Stock of coin in the United States Jan. 1, 1945	$1,278,140,228	$292,395,960	$1,570,536,188
Coinage executed during calendar year	75,871,300	25,260,785	101,132,085
Net exports of United States coin during calendar year	955,745	[1] 18,000	973,745
Coin withdrawn from monetary use	2,080,352	252,050	2,332,402
General disappearance, industrial arts, etc	100,000		100,000
Stock of coin in the United States Dec. 31, 1945	1,350,875,431	317,386,695	1,668,262,126

[1] Not adjusted for imports.

NOTE.—The number of standard silver dollars coined from 1878 to date was 847,629,915, which added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000 and the number returned in Government transports, 496,859 equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; unfit melted under act of Dec. 18, 1942, total 53,132,814, those melted otherwise (mutilated, etc.) since 1883 numbered 230,980 and the number of Hawaiian dollars melted to date was 455,329; a total disposition of 354,833,987, leaving in the United States on Dec. 31, 1945, 493,942,783 standard silver dollars and 856,932,648 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year 1936–46 [1]

Fiscal year ended June 30—	Gold bullion	Silver coin and bullion [2]	Population	Per capita		
				Gold	Silver	Total
	Thousands	*Thousands*	*Thousands*			
1936	$10,608,417	$1,587,007	128,413	$82.61	$12.36	$94.97
1937	12,318,271	1,741,175	129,337	95.24	13.46	108.70
1938	12,962,954	1,957,704	130,085	99.65	15.05	114.70
1939	16,110,079	2,157,476	131,173	122.82	16.44	139.26
1940	19,963,091	2,302,501	132,130	151.09	17.43	168.52
1941	22,624,197	2,430,234	133,212	169.84	18.24	188.08
1942	22,736,704	2,582,735	134,474	169.08	19.21	188.29
1943	22,387,522	2,718,711	136,527	163.98	19,91	183.89
1944	21,173,066	2,748,959	138,001	153.43	19.92	173.35
1945	20,212,973	2,840,037	139,408	144.99	20.37	165.36
1946	20,269.934	3,281,637	140,987	143.77	23.28	167.05

[1] For data from 1873–1935, see Annual Report for 1944, p. 81.
[2] Includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1859	$1.052	1881	$0.87575	1903	$0.41960	1925	$0.53681
1838	1.008	1860	1.045	1882	.87833	1904	.44763	1926	.48284
1839	1.023	1861	1.031	1883	.85754	1905	.47200	1927	.43838
1840	1.023	1862	1.041	1884	.85904	1906	.52353	1928	.45237
1841	1.018	1863	1.040	1885	.82379	1907	.51164	1929	.41229
1842	1.007	1864	1.040	1886	.76931	1908	.41371	1930	.29751
1843	1.003	1865	1.035	1887	.75755	1909	.40231	1931	.22440
1844	1.008	1866	1.036	1888	.72683	1910	.41825	1932	.21814
1845	1.004	1867	1.027	1889	.72325	1911	.41709	1933	.27068
1846	1.005	1868	1.025	1890	.80927	1912	.47543	1934	.37344
1847	1.011	1869	1.024	1891	.76416	1913	.46760	1935	.49950
1848	1.008	1870	1.027	1892	.67401	1914	.42780	1936	.35113
1849	1.013	1871	1.025	1893	.60351	1915	.40135	1937	.34956
1850	1.018	1872	1.022	1894	.49097	1916	.53094	1938	.33673
1851	1.034	1873	1.00368	1895	.50587	1917	.69242	1939	.30470
1852	1.025	1874	.98909	1896	.52257	1918	.76142	1940	.27136
1853	1.042	1875	.96086	1897	.46745	1919	.86692	1941	.27144
1854	1.042	1876	.90039	1898	.45640	1920	.78844	1942	.29889
1855	1.039	1877	.92958	1899	.46525	1921	.48801	1943	.34853
1856	1.039	1878	.89222	1900	.47958	1922	.52543	1944	.34853
1857	1.046	1879	.86928	1901	.46093	1923	.50458	1945	.40404
1858	1.039	1880	.88564	1902	.40835	1924	.51906		

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1910	$0.57625	$0.50750	$0.54245
1875	1.26125	1.21000	1.23883	1911	.57500	.52125	.54002
1876	1.26000	1.03500	1.14950	1912	.65625	.55250	.62006
1877	1.26000	1.16000	1.19408	1913	.65125	.58000	.61241
1878	1.20750	1.08500	1.15429	1914	.60875	.49000	.56331
1879	1.16750	1.06500	1.12088	1915	.58000	.47750	.51062
1880	1.15000	1.11250	1.13931	1916	.79125	.57250	.67151
1881	1.14500	1.11000	1.12823	1917	1.16500	.73125	.84000
1882	1.15000	1.09000	1.13855	1918	1.01937	.88937	.98445
1883	1.11750	1.09500	1.10874	1919	1.38250	1.01375	1.12087
1884	1.13250	1.08000	1.11161	1920	1.37875	.60375	1.01940
1885	1.09500	1.02750	1.06428	1921	.73813	.53188	.63096
1886	1.03500	.92500	.99880	1922	.74188	.62875	.67934
1887	1.03500	.95000	.97899	1923	.69000	.62875	.65239
1888	.97750	.92000	.94300	1924	.72375	.63000	.67111
1889	.97250	.92500	.93634	1925	.73187	.66812	.69406
1890	1.20500	.95750	1.05329	1926	.68937	.51812	.62428
1891	1.07500	.94750	.99033	1927	.60312	.54187	.56680
1892	.95250	.83000	.87552	1928	.63937	.56812	.58488
1893	.85000	.65000	.78219	1929	.57812	.46812	.53306
1894	.70000	.59500	.64043	1930	.47187	.31062	.38466
1895	.69000	.60000	.66268	1931	.37562	.26062	.29013
1896	.70250	.65625	.68195	1932	.31312	.24562	.28204
1897	.66125	.52750	.60774	1933	.45312	.24812	.34997
1898	.62250	.55125	.59064	1934	.56062	.42062	.48283
1899	.64750	.58625	.60507	1935	.81312	.50062	.64582
1900	.65750	.59750	.62065	1936	.50062	.45062	.45399
1901	.64500	.54750	.59703	1937	.47062	.45062	.45195
1902	.56875	.47375	.52815	1938	.45062	.43062	.43537
1903	.62375	.47500	.54208	1939	.43062	.35062	.39395
1904	.62500	.53375	.57843	1940	.35937	.35062	.35085
1905	.66500	.55625	.61008	1941	.35437	.35062	.35095
1906	.72375	.63125	.67379	1942	.45062	.35437	.38645
1907	.71000	.52750	.65978	1943	.45062	.45062	.45062
1908	.58875	.48250	.53496	1944	.45062	.45062	.45062
1909	.54500	.50750	.52163	1945	.71062	.45062	.52240

Average commercial ratio of silver to gold each calendar year since 1837 [1]

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1837	15.83	1859	15.19	1881	18.25	1903	38.10	1925	29.78
1838	15.85	1860	15.29	1882	18.20	1904	35.70	1926	33.11
1839	15.62	1861	15.50	1883	18.64	1905	33.87	1927	36.47
1840	15.62	1862	15.35	1884	18.61	1906	30.54	1928	35.34
1841	15.70	1863	15.37	1885	19.41	1907	31.24	1929	38.78
1842	15.87	1864	15.37	1886	20.78	1908	38.64	1930	53.74
1843	15.93	1865	15.44	1887	21.10	1909	39.74	1931	71.25
1844	15.85	1866	15.43	1888	22.00	1910	38.22	1932	73.29
1845	15.92	1867	15.57	1889	22.10	1911	38.33	1933	59.06
1846	15.90	1868	15.59	1890	19.75	1912	33.62	1934	72.49
1847	15.80	1869	15.60	1891	20.92	1913	34.19	1935	54.19
1848	15.85	1870	15.57	1892	23.72	1914	37.37	1936	77.09
1849	15.78	1871	15.57	1893	26.49	1915	40.48	1937	77.44
1850	15.70	1872	15.63	1894	32.56	1916	30.78	1938	80.39
1851	15.46	1873	15.93	1895	31.60	1917	24.61	1939	88.84
1852	15.59	1874	16.16	1896	30.59	1918	21.00	1940	99.76
1853	15.33	1875	16.64	1897	34.20	1919	18.44	1941	99.73
1854	15.33	1876	17.75	1898	35.03	1920	20.28	1942	90.57
1855	15.38	1877	17.20	1899	34.36	1921	32.76	1943	77.67
1856	15.38	1878	17.92	1900	33.33	1922	30.43	1944	77.67
1857	15.27	1879	18.39	1901	34.68	1923	31.69	1945	67.00
1858	15.38	1880	18.05	1902	39.15	1924	30.80		

[1] Ratios for 1687–1836 appear in Annual Report for 1944, p. 91.

From 1837 to 1878 the ratios are from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

Price of silver in New York 1945–46 [1]

Month	New York price per ounce 0.999 fine		
	Highest	Lowest	Average
1945	*Dollars*	*Dollars*	*Dollars*
January	0.44750	0.44750	0.44750
February	.44750	.44750	.44750
March	.44750	.44750	.44750
April	.44750	.44750	.44750
May	.44750	.44750	.44750
June	.44750	.44750	.44750
July	.44750	.44750	.44750
August	.70625	.44750	.52921
September	.70750	.70625	.70716
October	.70750	.70750	.70750
November	.70750	.70750	.70750
December			
1946			
January	.70750	.70750	.70750
February	.70750	.70750	.70750
March	.70750	.70750	.70750
April	.70750	.70750	.70750
May	.70750	.70750	.70750
June	.70750	.70750	.70750
Average calendar year 1945	.53406	.51240	.51928
Average fiscal year 1946	.66406	.64240	.64928

[1] For annual prices of silver 1874–1944, see 1945 Annual Report, p. 76.

Price of silver in London 1945–46 [1]

Month	London price per ounce 0.999 fine [2]			Average monthly sterling exchange New York on London	United States equivalent of London price per ounce 0.999 fine at current rate of exchange
	Highest	Lowest	Average		
1945	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*
January	25 1/2	25 1/2	25.50000	4.03500	0.42872
February	25 1/2	25 1/2	25.50000	4.03500	.42872
March	25 1/2	25 1/2	25.50000	4.03500	.42872
April	25 1/2	25 1/2	25.50000	4.03500	.42872
May	25 1/2	25 1/2	25.50000	4.03500	.42872
June	25 1/2	25 1/2	25.50000	4.02958	.42814
July	25 1/2	25 1/2	25.50000	4.02693	.42786
August	25 1/2	25 1/2	30.36842	4.02488	.50929
September	44	44	44.00000	4.03225	.73925
October	44	44	44.00000	4.03375	.73952
November	44	44	44.00000	4.03375	.73952
December	44	44			
1946					
January	44	44	44.00000	4.03375	.73952
February	44	44	44.00000	4.03375	.73952
March	44	44	44.00000	4.03375	.73952
April	44	44	44.00000	4.03351	.73948
May	44	44	44.00000	4.03320	.73942
June	44	44	44.00000	4.03371	.73951
Average calendar year 1945	31 3/4	30 1/8	30.53070	4.03260	.51299
Average fiscal year 1946	40 11/12	39 3/8	39.78070	4.03190	.66838

[1] For annual prices 1833–1943, see Annual Report for 1944, p. 88; for price for 1944, see Annual Report for 1945, p. 77.

[2] Bullion quotations in the London market changed from 0.925 fine to 0.999 fine on Jan. 2, 1945.

SUMMARY OF SILVER RECEIPTS AND ISSUES, FISCAL YEARS 1932 TO 1946, INCLUSIVE

This summary has been compiled for the purpose of making available, in one place, a series of tables showing silver receipts and issues during the 15-year period from June 30, 1931, to June 30, 1946. There was considerable activity in silver operations during this period; new laws relating to silver were enacted and use of the metal for coinage and other purposes reached unprecedented amounts. A comprehensive discussion of the Treasury's silver policy is beyond the scope of this review, the statistics here presented being only for the purpose of summarizing receipts and issues of silver during the period stated above.

Summary of silver receipts, issues and balances, fiscal years 1932 to 1946

		Number of fine ounces
Silver on hand at beginning of fiscal year 1932		16, 323, 704
Add receipts during fiscal years 1932 to 1946, incl:[1]		
Newly mined domestic silver	507, 210, 428	
Purchase Act silver	2, 045, 231, 408	
Foreign Debt silver	22, 734, 824	
Nationalized silver	113, 032, 916	
Silver bullion in exchange for Government stamped bars	7, 846, 363	
Silver bullion ordinary	8, 699, 567	
Recoinage bullion from uncurrent subsidiary coin	49, 821, 424	
Recoinage bullion from uncurrent silver dollars	39, 498, 005	
		2, 794, 074, 935
Total silver available during period		2, 810, 398, 639
Deduct issues during fiscal years 1932 to 1946, incl:[1]		
Silver processed into United States coin	521, 948, 248	
Silver bar payment in exchange for bullion	7, 846, 363	
Silver lend-leased to foreign governments	410, 814, 344	
Silver sold for industrial and monetary use	172, 080, 118	
Silver sold in sweeps, operative losses, etc	1, 722, 121	
		1, 114, 411, 194
Balance as of June 30, 1946:		
Silver bullion monetized to secure silver certificates	1, 476, 568, 375	
Silver bullion held at cost value	218, 984, 960	
Silver bullion held at recoinage value	434, 110	
		1, 695, 987, 445

[1] NOTE.—See following pages for detailed break-down of receipts and issues by fiscal years.

Receipts of silver by classification

Fiscal year	Newly mined domestic silver [1]	Purchase Act silver [2]	Foreign debt silver [3]
	Fine ounces	*Fine ounces*	*Fine ounces*
1932			
1933			
1934	8,558,161	420,684	22,734,824
1935	30,863,349	293,737,702	
1936	49,479,904	558,639,669	
1937	62,932,341	163,030,344	
1938	68,117,418	337,225,185	
1939	63,615,086	352,718,452	
1940	61,925,710	195,824,133	
1941	71,847,891	90,221,115	
1942	68,400,189	53,414,124	
1943	19,448,057		
1944	661,465		
1945	71,790		
1946	1,289,067		
Total	507,210,428	2,045,231,408	22,734,824

[1] *Newly mined domestic silver.*—This class of silver represents that received from mines of the United States and Territories. The mints and assay offices purchased newly mined domestic silver offered in accordance with the Executive Proclamation of Dec. 21, 1933 at 64.64+ cents per fine ounce until Apr. 9, 1935; under subsequent proclamations at 71.11+ cents between Apr. 9, 1935, and Apr. 23, 1935; at 77.57+ cents between Apr. 24, 1935, and Dec. 31, 1937; and at 64.64+ cents between Jan. 1, 1938, and June 30, 1939. From July 1, 1939, through June 30, 1946, newly mined domestic silver was purchased at 71.11+ cents per fine ounce as directed by the act of July 6, 1939.

[2] *Purchase Act silver.*—Silver acquired under the Silver Purchase Act of June 19, 1934, was purchased at varying rates from foreign sources by the Federal Reserve Bank of New York as fiscal agent of the Secretary of the Treasury, and transferred by the bank to mint institutions.

[3] *Foreign debt silver.*—Title III of the Agricultural Adjustment Act of May 12, 1933, authorized for the ensuing 6 months the acceptance of silver tendered by foreign governments in payment of indebtedness due the United States Government. The act specified that the silver was to be valued at not in excess of 50 cents per ounce. Under this authority 22,734,824 fine ounces of silver valued at $11,367,412 were received at the New York Assay Office and San Francisco Mint during the months of July, August, and October 1933. Countries making payment in silver were: Czechoslovakia, 359,010 ounces; Finland, 296,632 ounces; Great Britain, 20,001,037 ounces; Italy, 2,000,041 ounces; Lithuania, 19,981 ounces; and Rumania, 58,123 ounces.

[4] *Nationalized silver.*—The Executive order of Aug. 9, 1934, which was issued under powers contained in the Silver Purchase Act of 1934, required that silver situated in the continental United States (other than newly mined domestic), with certain stipulations, be delivered to the United States mints. Depositors were paid 50.01 cents per fine ounce for silver delivered under this order, which was revoked on Apr. 28, 1938.

during fiscal years 1932 to 1946

Nationalized silver [4]	Silver bullion in exchange for Government-stamped bars [5]	Silver bullion ordinary [6]	Recoinage bullion from uncurrent subsidiary coin [7]	Recoinage bullion from uncurrent standard silver dollars [8]	Total silver receipts
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
----------	1,578,487	1,051,031	4,937,147	----------	7,566,665
----------	622,163	1,306,915	5,580,855	----------	7,509,933
----------	509,864	354,826	5,026,139	----------	37,604,498
112,301,335	296,999	599,417	5,878,270	----------	443,677,072
650,453	1,126,757	401,765	4,762,051	----------	615,060,599
63,777	164,548	461,848	3,994,323	----------	230,647,181
17,351	288,734	413,112	3,641,169	----------	409,702,969
----------	150,940	375,880	3,204,054	----------	420,064,412
----------	443,984	476,835	2,992,259	----------	261,662,921
----------	596,660	1,069,943	2,727,909	----------	166,463,518
----------	528,144	730,823	1,828,660	----------	124,901,940
----------	858,458	877,607	1,632,558	5,982,708	28,799,388
----------	231,250	218,786	1,127,652	33,152,082	35,391,235
----------	186,344	111,672	1,306,001	291,075	1,966,882
----------	263,031	249,107	1,182,377	72,140	3,055,722
113,032,916	7,846,363	8,699,567	49,821,424	39,498,005	2,794,074,935

[5] *Silver bullion in exchange for Government-stamped bars.*—This silver was received from depositors in exchange for refined bars bearing the official stamp of a mint or assay office.

[6] *Silver bullion ordinary.*—Consists of miscellaneous silver, and at present includes silver contained in gold deposits, mutilated United States coins, and bullion recovered in melting, refining, and coining processes. Prior to the acquisition of silver under classification of Newly Mined Domestic, Purchase Act, Foreign Debt and Nationalized silver, all silver purchased by the mints and assay offices was termed "ordinary." The figures for this class of silver for the fiscal years 1932 and 1933 are therefore not strictly comparable to figures for subsequent years. This bullion is purchased at prices set by the Director of the Mint, with the approval of the Secretary of the Treasury and usually approximate the price of silver in the New York bullion market.

[7] *Recoinage bullion from subsidiary coin.*—United States subsidiary silver coin which becomes too worn to remain in circulation is returned to the mints by the Federal Reserve banks and by the Treasurer's office in Washington. Such coin, termed "uncurrent," is exchanged at full value and is to be distinguished from "mutilated" coin which is purchased at bullion value. Uncurrent coin is melted, alloyed with copper to bring it to the proper coinage standard, and recoined.

[8] *Recoinage bullion from uncurrent silver dollars.*—Until the fiscal year 1943 there was no legislation which permitted uncurrent standard silver dollars to be melted and recoined as in the case of subsidiary coin. Consequently, there was an accumulation in the mint vaults of dollar coins unfit for circulation which had been returned over a period of years by the Federal Reserve Banks and Treasury offices. The act of Dec. 18, 1942, contained a provision which permitted the mints to melt such coin and to recoin it into subsidiary silver coin. In addition to providing the mints with space in vaults occupied by the uncurrent dollars, there was provided an additional source of copper alloy for coinage, at a time when copper was a strategic metal needed for war purposes.

Coinage of subsidiary silver coin, fiscal years 1932–46 [1]

Fiscal year	Number of pieces coined	Face value	Number of fine ounces of silver consumed
1932	5,606,000	$803,000	580,870
1933	4,632,800	1,158,200	837,813
1934	10,414,250	3,136,925	2,269,173
1935	128,530,647	26,273,810	19,005,818
1936	128,876,658	26,152,805	18,918,285
1937	177,783,212	32,962,267	23,844,080
1938	111,754,358	19,854,941	14,362,567
1939	70,511,806	11,029,058	7,978,144
1940	151,918,730	26,807,671	19,391,999
1941	282,675,357	49,211,552	35,598,406
1942	449,336,162	85,307,259	61,709,138
1943	683,103,362	133,341,141	96,455,648
1944	406,356,600	77,596,800	56,131,585
1945	531,190,001	97,380,400	70,442,547
1946	358,829,100	55,305,150	40,006,363
Total	3,501,519,043	646,320,979	467,532,436

[1] Includes half dollars, quarter dollars, and dimes.

Silver in 5-cent coinage fiscal years 1932–46 [1]

Fiscal year	Number of pieces coined	Face value	Number of fine ounces of silver consumed
1943	306,084,600	$15,304,230	17,221,086
1944	253,630,000	12,681,500	14,269,858
1945	155,627,100	7,781,355	8,755,970
1946	154,582,000	7,729,100	8,697,170
Total	869,923,700	43,496,185	48,944,084

[1] The 5-cent coin, popularly known as the "nickel," is normally composed of 75 percent copper and 25 percent nickel. During the war period, however, these metals were needed for war production and it became necessary for the mints to employ different alloys. The Second War Powers Act of Mar. 27, 1942, authorized the use of silver in the 5-cent denomination. The standard weight of the coin remained at 77.16 grains and the alloy adopted was composed of 35 percent silver, 56 percent copper and 9 percent manganese. This alloy was used only from Oct. 1, 1942 to Dec. 31, 1945, after which the regular cupro-nickel alloy was resumed.

Coinage of standard silver dollars, fiscal years 1932–46 [1]

Fiscal year	Number of dollars coined	Number of fine ounces of silver consumed
1935	5,635,557	4,358,751
1936	1,439,000	1,112,977
Total	7,074,557	5,471,728

[1] Silver dollars were coined only during the fiscal years 1935 and 1936.

Recapitulation of all coinage, fiscal years 1932–46

Denomination	Number of pieces coined	Number of fine ounces of silver consumed
Subsidiary silver coins	3,501,519,043	467,532,436
Silver-copper-manganese 5¢ coins	869,923,700	48,944,084
Standard silver dollars	7,074,557	5,471,728
Grand total	4,378,517,300	521,948,248

Silver exchanged for Government-stamped bars, fiscal years 1932–46

Fiscal year	Number of fine ounces	Fiscal year	Number of fine ounces
1932	1,578,487	1941	596,660
1933	622,163	1942	528,144
1934	509,864	1943	858,459
1935	296,999	1944	231,250
1936	1,126,757	1945	186,344
1937	164,548	1946	263,030
1938	288,734		
1939	150,940	Total	7,846,363
1940	443,984		

Silver lend-leased to foreign governments by fiscal years 1943–46

Fiscal year	Number of fine ounces of silver
1943	3,075,001
1944	211,359,650
1945	119,837,110
1946	76,542,583
Grand total	410,814,344

Silver lend-leased to foreign governments, by country, 1943–46

Country	Number of fine ounces of silver
Australia	11,773,093
Belgium	261,333
Ethiopia	5,425,000
Fiji Islands	196,364
Great Britain	88,073,878
India	225,999,904
Netherlands	56,737,341
Saudi Arabia	22,347,431
Grand total	410,814,344

Sales of Treasury silver under the Green Act, by months, July 1943–December 1945, inclusive [1]

Month and year	Number of fine ounces	Month and year	Number of fine ounces
July 1943	2,003,685	January 1945	2,186,432
August	5,630,647	February	5,186,037
September	6,249,448	March [2]	11,061,840
October	2,901,085	April [2]	10,025,723
November	433,601	May	6,373,405
December	3,551,340	June	7,188,220
January 1944	2,983,630	Total fiscal year 1945	68,147,835
February	2,995,639	July 1945	5,828,323
March	3,454,034	August	4,702,322
April	2,899,047	September	3,274,992
May	2,492,179	October [2]	6,233,981
June	5,197,232	November	10,049,020
Total fiscal year 1944	40,791,567	December [2]	28,352,201
July 1944	3,266,879	Total fiscal year 1946	58,440,839
August	3,089,828	Grand total [2]	167,380,241
September	1,879,917		
October [2]	11,398,965		
November	4,015,331		
December	2,475,258		

[1] The Green Act authorizing sale of Treasury silver was passed July 12, 1943, effective first through Dec. 31, 1944, and later amended to extend through the calendar year 1945. Each sale was made at 71.11+cents per fine ounce, in accordance with War Production Board (or Civilian Production Administration) priorities.

[2] Includes silver sold for Philippine coinage as follows: October 1944, 7,860,857 ounces; March 1945, 3,544,619 ounces; April 1945, 4,340,350 ounces; October 1945, 5,000,000 ounces; and December, 6,000,000 ounces; total 26,745,826 ounces.

Sales of silver bullion ordinary for industrial use, fiscal year 1943 [1]

Month and year	Number of fine ounces
October 1942	1, 017, 741
January 1943	99, 877
March 1943	1, 982, 259
April 1943	1, 600, 000
Grand total	4, 699, 877

[1] No special legislation was obtained for sales from "ordinary" stock which occurred during the fiscal year 1943 prior to passage of the Green Act. Sales were at 45+ cents per fine ounce.

Location of stock of Treasury silver on June 30, 1946

Location	Number of fine ounces
Philadelphia Mint	75, 892, 984
San Francisco Mint	487, 305, 995
Denver Mint	19, 529, 145
New York Assay Office	62, 822, 340
Seattle Assay Office	18, 760
West Point Depository	172, 703, 046
Office of Defense Plants of RFC, etc.[1]	877, 715, 175
Total silver	1, 695, 987, 445

[1] The largest amount held by the Defense Plant Corporation, etc., during the war period was 902,622,278 fine ounces. As of June 30, 1946, 24,907,103 fine ounces had been returned leaving a balance of 877,715,175 ounces still in possession of the Defense Plant Corporation, etc.

Value of Treasury stock of bullion on June 30, 1946

Item	Number of fine ounces	Value
Bullion securing silver certificates	1, 476, 568, 375	$1, 909, 098, 500
Cost bullion	218, 984, 960	102, 348, 779
Recoinage bullion	434, 110	596, 173
Total Treasury stock	1, 695, 987, 445	2, 012, 043, 452

Break-down by classes, of Treasury stock of silver at cost and recoinage value on June 30, 1946

Class of silver bullion	Number of fine ounces
Newly mined domestic	
Purchase Act	653, 106
Ordinary	217, 632, 366
Recoinage:	699, 488
From uncurrent subsidiary coin	390, 020
From uncurrent silver dollars	44, 090
Total	219, 419, 070

Silver bullion revalued from cost to monetary value as security for silver certificates 1935–46 [1]

Fiscal year [1]	Number of fine ounces of bullion monetized	Monetary value
1934	1,206,563	$1,560,000
1935	241,118,262	311,748,863
1936	305,432,000	394,901,979
1937	98,215,000	126,985,050
1938	156,209,171	201,967,413
1939	149,600,000	193,422,222
1940	94,805,000	122,576,161
1941	64,000,000	82,747,475
1942	54,090,000	69,934,545
1943	10,752,379	13,902,066
1944	300,000	387,878
1945	125,000	161,616
1946	300,715,000	388,803,232
Total	1,476,568,375	1,909,098,500

[1] Silver bullion was first monetized as security for silver certificates in January 1934 under act of May 12, 1933.

WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

A number of countries are omitted from the tables because of complete lack of information.

In connection with the table *"Monetary stock of principal countries of the world, end of calendar year 1945"*—the following general qualifications should be taken in consideration:

Gold stocks.—It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies, and those hoarded or held outside regularly reported stocks. Additional explanatory notes relating to the various countries follow the table.

Silver stocks.—The amount of silver in circulation in many countries is not obtainable.

Population estimates, chiefly from the *International Statistical Year Book, League of Nations, 1942–44*, do not all relate to the same period.

*Monetary stock of principal countries of the world at end of calendar year 1945 (subject to revision)**

[Stated in United States money (000 omitted), except paper circulation which is stated in monetary unit of issuing country (000 omitted). Population 000 omitted. 1 U. S. dollar=15 5/21 grains of gold 9/10 fine; that is an ounce of fine gold=$35]

Country	Monetary unit			Gold stock conversions to United States equivalent at legal parity, except as otherwise indicated in notes at end of table			Monetary silver stock in government treasuries, banks and in circulation (United States equivalent, of reported face amount at current exchange rate)	Notes in circulation in monetary unit of issuing country [See col. (1)]	Population	Per capita		
		United States equivalent										
	Name	On gold basis as defined by laws effective Dec. 31, 1945, so far as known	At average exchange rate for December 1945	In central banks, government treasuries, and earmarked abroad	Other	Total gold				Gold	Silver	Paper
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
North America:												
United States	Dollar	$1.0000	$1.0000	$20,064,936	----------	$20,064,936	$3,240,379	27,240,155	140,268	$143.05	$23.10	194.20
Canada	Dollar	1.6931	.9091	[1] 664,364	----------	[1] 664,364	53,026	1,154,722	12,119	54.82	4.38	95.28
Greenland	Kroner	----------	----------	----------	----------	----------	----------	800	18	----------	----------	44.44
Mexico	Peso	----------	.2058	291,916	1,991	293,907	123,529	1,730,830	21,153	13.89	5.84	81.82
Newfoundland and Labrador	Dollar	1.6931	.9091	----------	----------	----------	2,397	[2]	305	----------	7.86	----------
Central America and West Indies:												
British Honduras	----------	1.6931	1.0000	----------	----------	----------	216	789	63	----------	3.43	12.52
British West Indies:												
Barbados	Dollar	1.7166	.8404	----------	----------	----------	504	2,437	201	----------	2.51	12.12
Jamaica	Pound	8.2397	4.0337	----------	----------	----------	1,227	3,038	1,250	----------	.98	2.43
Trinidad, Tobago et al	Dollar	1.7166	.8404	----------	----------	----------	412	30,143	535	----------	.77	56.34
Costa Rica	Colon	.7879	.1779	[3] 6,030	----------	[3] 6,030	----------	80,079	707	8.53	----------	113.27
Cuba [4]	Peso	1.0000	1.0000	191,239	105	191,344	93,506	299,416	4,779	40.04	19.57	62.65
Dominican Republic	Dollar	1.6931	1.0000	----------	----------	----------	[5] 1,066	[5]	1,941	----------	.55	----------
El Salvador	Colon	.8466	.4000	[6] 13,203	----------	[6] 13,203	620	46,022	1,896	6.96	.33	24.27
French West Indies: Martinique	Franc	----------	.0084	[6] 203	----------	[6] 203	----------	377,748	310	.65	----------	1,218.54
Guatemala	Quetzal	1.0000	1.0000	28,465	258	28,723	2,318	24,992	3,451	8.32	.67	7.24
Haiti	Gourde	.2000	.2000	2,000	----------	2,000	----------	[7] 25,840	2,600	.77	----------	9.94
Honduras [8]	Lempira	.8466	.4902	109	----------	109	10,300	2,744	1,173	.09	8.78	2.34
Netherlands West Indies	Florin	.6806	.5305	[9] 5,601	----------	[9] 5,601	725	34,225	134	41.80	5.41	255.41
Nicaragua	Cordoba	1.6933	.2000	[6] 4,870	----------	[6] 4,870	126	46,882	1,049	4.64	.12	44.69
Panama [10]	Balboa	1.0000	1.0000	----------	----------	----------	(10)	(10)	66	----------	----------	----------
South America:												
Argentina	Peso	1.6335	.2977	[11] 1,111,840	----------	[11] 1,111,840	----------	2,829,526	13,910	79.93	----------	203.42
Bolivia	Boliviano	.6180	.0236	[12] 21,828	1,233	[12] 23,061	52	1,540,861	3,457	6.67	.02	445.72
Brazil	Cruzeiro	.2025	.0606	[13] 354,012	----------	[13] 354,012	----------	17,530,500	40,700	8.70	----------	430.72
British Guiana	Dollar	1.7166	.8404	----------	----------	----------	1,517	7,443	362	----------	4.19	20.56
Chile	Peso	.2060	.0516	82,268	94	82,362	----------	2,892,304	5,276	15.61	----------	548.20
Colombia	Peso	.5714	.5698	126,600	----------	126,600	9,667	214,620	9,807	12.91	.99	21.88
Ecuador	Sucre	.3386	.0726	[13] 21,398	----------	[13] 21,398	----------	335,483	3,106	6.89	----------	108.01
Paraguay	Guarani	----------	.3205	[6] 1,065	----------	[6] 1,065	----------	[14] 27,121	1,072	.99	----------	25.30
Peru	Sol	.4740	.1538	[15] 28,098	[15] 346	[15] 28,444	3,537	[14] 502,185	7,396	3.85	.48	67.90

Surinam	Florin	.6806	.5333	[6] 4,416		[6] 4,416	1,402	11,381	189	23.37	7.42	60.22
Uruguay	Peso	.6583	.6583	194,662		194,662	11,961	146,829	2,203	88.36	5.43	66.65
Venezuela	Bolivar	.3267	.2985	201,604	15,341	216,945	[16] 37,107	316,147	4,104	52.86	9.04	77.03
			.0228	[17] 715,528		[17] 715,528	[18] 692	75,343,679	8,247	86.76		9,135.89
Europe:								[19] 46,967,000	8,642			5,434.74
Belgium	Franc	.0122		[20] 61,150		[20] 61,150		28,273,000	15,239	4.01		1,855.31
Bulgaria	Lev			38,000		38,000		1,561,000	3,973	9.56		392.90
Czechoslovakia	Koruna	.4537		[21] 15,889	24	[21] 15,913	9,565	38,962	2,951	5.39	3.24	13.20
Denmark	Krone	8.2397	4.0337	[23] 3,223	8	[22] 3,231		13,597,713	3,900	.83		3,486.59
Eire	Pound	.0426	.0074	[23] 1,090,459		[23] 1,090,459		570,006,090	41,200	[23] 26.47		13,835.10
Finland	Markka		.0178	[24] 27,443		[24] 27,443		104,655,780	7,200	3.81		14,536.69
France	Franc			[25] 37,749		[25] 37,749		765,446,368	14,843	2.54		51,569.52
Greece	Drachma	.2961		2,603		2,603		177,410	124	20.99		1,430.73
Hungary	Pengö [25]	.4537	.1537	[26] 283,484	[26] 139,028	[26] 422,512	[18] 228	1,713,329	9,130	46.28		187.66
Iceland	Krona	.6806	.3793	[27] 60,000		[27] 60,000		7,892,720	7,659	7.83		1,030.52
Netherlands	Florin	.0749		[28] 269,053		[28] 269,053	41,735	[1,214,415,519]	16,743	16.07	2.49	72,532.73
Portugal	Escudo	.0101		[29] 110,516		[29] 110,516		18,961,529	26,491	4.17		715.77
Rumania	Leu			481,863	436,426	918,289	[18] 12	2,781,541	6,523	140.78		426.42
Spain	Peseta	.4537	.2381	[30] 1,341,545		[30] 1,341,545		3,835,240	4,343	308.90		883.09
Sweden	Krona			[31] 2,686		[31] 2,686	[31] 480,010	1,374,768	48,182	[31] .06	9.96	28.53
Switzerland	Franc			39,000		39,000						
United Kingdom	Pound	8.2397	4.0337									
Bank for International Settlements.												31.70
								12,108,852	382,000	.72		68.93
Asia:								427,154	6,197			14.18
British India	Rupee	.6180	.3012	274,482		274,482	[18] 45,147	5,600	395			438.24
Ceylon	Rupee	.6180	.3025					6,573,525	15,000	8.75	20.70	10.84
Cyprus	Pound	8.2397	4.0337					40,122	3,700		1.33	23.96
Iran	Rial	.0824	.0308	[32] 131,204		[32] 131,204	310,478	46,742	1,951		3.74	
Iraq (March 31, 1946)	Dinar	8.2397	4.0337				4,936		7,000	.76	1.26	
Palestine and Trans-Jordan	Pound	8.2397	4.0337				7,303		5,517		2.21	70.30
Saudi Arabia	Riyal		.3000	1,350	3,935	5,285	8,850	387,867	3,700		.36	102.61
Singapore (Malaya)	Dollar		.4706				12,213	379,652	17,620	13.98	.50	50.02
Syria and Lebanon	Pound		.4577				1,350	881,402				
Turkey	Pound (100 piasters).	7.4439		[33] 246,368		[33] 246,368	8,866					
								1,145,970	10,600			108.11
Africa:								421,345	13,156		2.02	32.03
Belgian Congo	Franc		.0228				26,571					
British East Africa (June 30, 1945).	Shilling	.4120	.2017					352,837	2,609			135.24
Cameroons, French	Franc							149,899	24,023	2.17	1.02	6.24
Egypt and Anglo Egyptian Sudan.	Pound	8.3692	4.1371	52,229		52,229	24,490					
Ethiopia	Dollar	.4025	.4000				26,000	23,550	5,500		4.73	4.28
Gibralter	Pound	8.2397						1,023	19			53.84
Madagascar	Franc							1,817,714	4,234			429.31
Morocco	Franc							13,167,584	7,984			1,649.25
Portuguese East Africa	Escudo	.0749	.0400	7,185		7,185	939	437,126	5,086	1.41	.18	85.95
Rhodesia (Northern and Southern) and Nyasaland.	Pound	8.2397	4.0337	10		10	8,729	4,823	4,647		1.88	1.04
Union of South Africa [34]	Pound	8.2397	4.0050	913,857	49	913,906	6,440	59,521	12,244	74.64	.53	4.86
Oceania:												
Australia (June 30, 1945)	Pound	8.2397	3.2280	1,829		1,829	118,448	169,976	7,226	.25	16.39	23.52
Fiji	Pound	8.2397	3.6340				862	1,864	234		3.68	7.97
New Caledonia	Franc							296,040	55			5,382.55
New Zealand	Pound	8.2397	3.2270	23,087		23,087	1,846	46,215	1,642	14.06	1.12	28.15

*See explanatory notes preceding and following table.

Notes to table "Monetary stock of principal countries of the world at end of calendar year 1945"

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[1] *Canada.*—Includes gold held by Foreign Exchange Control Board.
[2] *Newfoundland and Labrador.*—Canadian currency legal tender. Amount in circulation not available.
[3] *Costa Rica.*—Gold valued at 5.61 colones per United States dollar.
[4] *Cuba.*—Cuban and United States money.
[5] *Dominican Republic.*—Silver coin, Dominican and United States. Notes, United States; amount in circulation not available.
[6] *El Salvador, Martinique, Nicaragua, Paraguay, Surinam.*—Gold converted at current exchange rate.
[7] *Haiti.*—United States money also circulates.
[8] *Honduras.*—Silver coin, Honduran and United States. Notes, United States, converted at rate of 2 lempira per dollar.
[9] *Netherlands West Indies.*— Fine ounces of gold converted at $35 per ounce.
[10] *Panama.*—United States money chief circulating medium, amount in circulation not available.
[11] *Argentina.*—Gold valued at rate of 0.29289 gram per paper peso.
[12] *Bolivia.*—Gold valued at 46 bolivianos per United States dollar.
[13] *Brazil, Ecuador.*—Grams of gold converted at $1.125+ per gram.
[14] *Paraguay, Peru.*—Notes include coin.
[15] *Peru.*—Gold valued partly at legal and partly at market rate.
[16] *Venezuela.*—Silver includes nickel coin.
[17] *Belgium.*—Gold valued at 49,145 francs per kilogram fine.
[18] *Belgium, Netherlands, Sweden, British India.*—Silver includes only coin in Central Bank. Amount in circulation not available.
[19] *Bulgaria.*—Includes bank notes, coin, and Treasury bonds which circulate as legal tender.
[20] *Czechoslovakia.*—Gold valued at rate of 0.03584 gram per koruna.
[21] *Eire.*—Gold valued at rate of 172 shillings 3 pence per fine ounce.
[22] *Finland.*—Gold valued at 135,000 markka per fine kilogram.
[23] *France.*—Gold valued at rate of 134,027.90 francs per kilogram fine. Excludes gold held by Exchange Stabilization Fund.
[24] *Greece.*—Gold valued at rate of 2,000 drachmas per pound sterling. Notes represent new drachma currency (1 new drachma equals 50 billion old drachmas).
[25] *Hungary.*—The monetary unit, pengö, was replaced in June 1946 by a new unit, the forint, based on 13,210 forint per kilogram fine gold. Gold, kilograms fine converted at $1,125.27+.
[26] *Netherlands.*—Gold valued at 2,970 florin per kilogram fine.
[27] *Portugal.*—Gold valued at market rate.
[28] *Rumania.*—Gold valued on basis of 0.00474 gram fine per leu.
[29] *Spain.*—Gold valued at 0.290322 gram fine per gold peseta (1 gold peseta equals 3.5770 paper pesetas).
[30] *Switzerland.*—Gold valued at 0.20535 gram fine per franc.
[31] *United Kingdom.*—Gold, valued at 172 shillings 3 pence per fine ounce. Does not include gold held in Exchange Equalization Account. Silver, estimated amount of Imperial silver coin in circulation in British Isles.
[32] *Iran.*—Gold valued on basis of 32.50 rials per United States dollar.
[33] *Turkey.*—Gold in metric tons converted at $1,125,276.
[34] *Union of South Africa.*—Includes coin and currency in circulation in Basutoland, Bechuanaland, South West Africa, and Swaziland.

Coinage of nations (exclusive of minor coinage) during the calendar year 1945 [1]

[So far as reported to the Director of the United States Mint]

Country	Monetary unit of issuing country	Silver coinage		
		Value in monetary units named	Value of fine ounces consumed [2]	Number of fine ounces consumed
United States	Dollar	75,871,300	$28,671,089	54,883,402
Australia	Pound	1,661,200	2,919,000	5,587,673
British East Africa	Shilling	9,960,135	325,198	622,508
British Guiana	Dollar	9,600	1,899	3,636
Canada	Dollar	3,440,236	1,078,307	2,064,141
Colombia	Peso	335,000	126,596	242,336
Egypt	Pound	341,520	669,202	1,281,014
El Salvador	Colon	250,000	113,370	217,017
Ethiopia	Dollar	14,618,500	2,761,941	5,287,024
Fiji	Pound	10,000	17,061	32,659
Great Britain	Pound	7,589,757	7,208,917	13,799,611
Guatemala	Quetzal	231,800	93,437	178,861
Malaya	Straits Dollar	1,210,894	331,334	634,254
Mexico	Peso	65,683,000	13,238,184	25,341,087
Netherlands	Guilder	58,271,000	8,093,173	15,492,291
Netherlands East Indies	Guilder	26,000,000	3,967,404	7,594,571
New Guinea	Pound	100,000	167,114	319,896
New Zealand	Pound	210,500	199,938	382,729
Newfoundland	Dollar	27,775	10,066	19,268
Philippines	Peso	39,341,600	9,911,456	18,972,925
Rumania	Leu	4,865,500,000	3,088,968	5,913,032
Saudi Arabia	Riyal	17,000,000	3,052,775	5,843,750
Southern Rhodesia	Pound	20,000	18,997	36,364
Sweden	Krona	13,373,401	1,236,827	2,367,587
Switzerland	Franc	18,600,000	1,304,258	2,496,666
Union of South Africa	Pound	248,324	377,382	722,400
Venezuela	Bolivar	700,000	49,085	93,960
Total for countries reported			89,032,978	170,430,662

[1] Gold coinage: In 1945 the Ministry of Finance of Rumania placed in circulation 1,000,000 gold medallions with weight of 6.55 grams per piece, 900/1000 fine, in connection with the National Reconstruction Loan of 1945. Switzerland coined 3,500,000 gold 20 franc pieces in 1945.

Coin withdrawn from monetary use by various countries of the world during the calendar year 1945 [1]

[So far as reported to the Director of the United States Mint.

Country	*Silver, fine ounces*
United States	1,392,116
Australia	13,309
Canada	37,318
Ethiopia	920,336
France	858,682
Italy	3,410,519
Great Britain	106,182
Madagascar	1,793
Mexico	28,254,348
Netherlands	179,906
Newfoundland	1,426
Rumania	65,531
Sweden	365,007
Switzerland	972,592
Total for countries reported	36,579,065

[1] Does not include minor coin. Gold coin, domestic and foreign, melted by the United States Mint in 1945, was valued at $340,305 (fine ounces valued at $35 per ounce).

Industrial consumption of gold and silver by various countries of the world during the calendar year 1945 [1]

[So far as reported to the Director of the United States Mint]

Country	Gold		Silver
	Fine ounces	*Value at $35 per fine ounce*	*Fine ounces*
United States	3,112,695	$108,944,332	126,300,000
Australia	41,000	1,435,000	1,059,000
Austria	1,061	37,135	17,040
Belgian Congo	420	14,700	----------
Bolivia	80	2,800	----------
British Guiana	12,950	453,250	----------
Canada	112,000	3,920,000	4,685,300
Egypt	380,022	13,300,770	1,392,449
Finland	7,617	266,595	9,256
Guatemala	129	4,515	707
Great Britain	160,000	5,600,000	14,000,000
Hungary	2,834	99,190	203,450
Madagascar	4,772	167,020	----------
Martinique	386	13,510	----------
Mexico	36,757	1,286,495	10,935,449
Morocco	29,569	1,034,915	257,824
Nicaragua	2,409	84,315	889
Paraguay	322	11,270	3,601
Peru	11,253	393,855	2,143,586
Rumania	48,226	1,687,910	225,055
Saudi Arabia	353	12,355	171,877
Spain	38,581	1,350,335	482,261
Surinam	1,750	61,250	----------
Switzerland	305,432	10,690,120	1,125,276
Turkey	192,904	6,751,640	964,522
Venezuela	12,860	450,100	----------
Total for countries reported	4,516,382	158,073,377	163,977,542

[1] Includes new and old bullion, coin and other materials. Data for some countries may be incomplete.

World production of gold 1939–45 (subject to revision)

Country	1939	1940	1941	1942	1943	1944	1945
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
North America:							
United States (refinery production)	4,620,602	4,862,979	4,832,087	3,583,080	1,380,758	1,022,238	915,403
Canada	5,095,176	5,311,145	5,345,480	4,841,306	3,649,671	2,922,911	2,696,727
Mexico	841,642	883,117	799,975	801,325	631,537	508,882	524,017
Newfoundland	12,916	13,027	13,116	10,813	13,098	12,645	11,633
Central America and West Indies:							
Costa Rica	29,257	28,388	30,607	29,803	16,332	6,977	4,456
Cuba	3,851	1,251	607	195	(1)	(1)	(1)
Dominican Republic	8,070	8,710	20,410	8,840	1,090	900	1,300
El Salvador	(1)	51,115	32,341	31,011	28,411	(1)	(1)
Guatemala	5,058	4,458	2,528	793	2,172	[2] 129	[2] 60
Haiti	(1)	(1)	(1)	401	310	139	(1)
Honduras	37,900	31,886	33,092	25,779	22,844	23,026	19,158
Nicaragua	100,538	163,176	215,804	247,232	221,211	221,955	206,360
South America:							
Argentina	(1)	12,860	18,776	20,994	(1)	(1)	(1)
Bolivia [3]	16,597	19,040	15,847	20,228	8,327	6,265	12,860
Brazil	148,357	149,817	147,311	157,080	160,322	166,381	162,401
British Guiana	34,052	31,705	32,502	27,567	18,547	17,979	21,792
Chile [4]	329,452	342,833	263,839	187,336	173,749	203,749	179,549
Colombia	570,017	631,927	656,019	596,618	665,509	553,530	506,639
Ecuador	51,536	71,217	83,375	86,241	104,049	84,399	(1)
Peru	267,355	281,259	285,189	257,655	196,868	175,180	162,963
Surinam	14,028	15,087	11,909	7,479	5,489	5,585	5,425
Uruguay	[3] 1,000	1,010	1,364	1,022	[3] 1,000	[3] 1,000	[3] 1,000
Venezuela	122,244	122,398	108,714	96,712	68,902	64,608	64,069
Europe:							
Austria	(1)	18	290	868	2,315	(1)	(1)
Bulgaria	8,038	9,000	(1)	(1)	(1)	(1)	(1)
Finland	4,823	(1)	(1)	2,235	7,138	6,251	5,782
Hungary	5,150	13,150	[5] 61,350	[5] 61,350	[5] 61,350	28,215	193
Italy [3]	6,400	6,400	6,400	9,640	12,860	12,860	12,860
Rumania	144,678	133,361	95,745	83,817	82,017	71,342	91,308
Sweden	195,894	208,980	191,297	176,829	135,033	124,327	69,092
Asia:							
Cyprus	19,626	13,111	21,686	7,595	4,165	1,292	(1)
Formosa	130,228	107,711	118,910	92,768	50,241	24,963	592
India (British)	[6] 316,504	[6] 289,357	285,945	256,399	252,353	187,191	168,407
Korea	697,670	996,672	913,080	868,069	411,529	118,957	96,452
Philippines [7]	990,569	1,140,126	1,144,332	158,726	13,764	----------	13,490
Saudi Arabia	12,943	29,992	28,123	36,812	49,353	8,683	37,972

See footnotes at end of table.

World production of gold 1939–45 (subject to revision)—Continued

Country	1939	1940	1941	1942	1943	1944	1945
Africa:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Bechuanaland	17,218	18,015	14,509	15,445	12,966	11,575	11,299
Belgian Congo and Ruanda-Urundi	545,000	564,000	567,000	514,400	451,150	363,600	347,000
British East Africa:							
Kenya	77,444	77,243	72,147	56,771	45,118	42,259	38,517
Tanganyika	130,366	142,058	144,312	107,115	69,527	55,148	49,303
Uganda	15,115	13,100	9,505	9,468	3,820	2,593	(1)
Cameroons, French	14,555	15,760	20,560	20,765	19,625	18,378	14,668
Egypt	3,877	7,344	2,868	1,768	890	1,063	3,014
Ethiopia						63,720	50,000
Liberia	[8] 6,536	11,761	20,370	22,469	30,823	30,772	[8] 9,016
Madagascar [9]	11,218	11,580	14,210	8,887	9,183	9,385	6,426
Portuguese East Africa	10,325	10,796	9,042	6,533	6,481	7,577	7,953
Rhodesia, Northern	4,643	5,602	3,401	1,134	703	309	(1)
Rhodesia, Southern	795,613	826,485	790,442	760,030	656,684	592,729	568,241
South West Africa	1,500	(1)	531	212	169	97	91
Swaziland	983	1,080	568	1,129	2,734	2,299	3,583
Union of South Africa	12,821,507	14,046,502	14,407,649	14,126,852	12,804,379	12,279,629	12,224,629
Oceania:							
Australia	1,645,697	1,643,999	1,496,698	1,153,787	751,279	656,867	[3] 656,936
Fiji	(1)	111,332	118,681	90,973	64,420	40,443	94,964
New Zealand	178,955	185,665	174,656	165,986	149,150	142,287	128,364
Total for countries reported [10]	31,122,723	33,678,605	33,685,199	29,858,342	20,903,289	20,903,289	20,205,964

[1] Data not available.
[2] Exports to the United States.
[3] Approximate.
[4] Data of the Dirrecion General de Estadistica.
[5] Annual average production of 3-year period 1941–43.
[6] Includes Burma.
[7] Refinery production in the United States.
[8] Exports.
[9] Not fine.
[10] No estimates included in annual totals for countries not reported. In addition, totals for the respective years not comparable due to omission of data for some countries in specified years.

World production of silver 1939–45 (subject to revision)

Country	1939	1940	1941	1942	1943	1944	1945
North America:	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
United States (refinery production)	63,871,972	68,286,535	71,075,932	55,859,658	40,794,568	35,651,049	29,046,047
Canada	22,775,374	23,833,752	21,754,408	20,695,101	17,230,939	13,627,109	12,942,906
Mexico	75,870,577	82,640,077	78,363,964	84,864,426	86,371,556	73,502,804	61,097,779
Newfoundland	474,228	438,950	490,671	528,528	616,441	558,787	664,781

Central America:							
El Salvador	(1)	(1)	252,371	208,246	202,064	(1)	(1)
Honduras	4,168,378	3,735,315	3,472,044	2,930,349	2,956,737	3,248,856	3,042,604
Nicaragua	234,719	245,047	283,958	276,846	252,318	321,530	240,197
South America:							
Argentina	(1)	(1)	(1)	1,133,828	(1)	(1)	(1)
Bolivia [2]	7,241,376	24,694	7,362,520	8,139,378	7,299,561	6,797,213	6,683,560
Brazil	27,605	1,571,496	21,174	25,733	30,049	28,723	28,385
Chile	1,174,049	260,310	1,233,495	[2] 1,000,000	1,093,542	[2] 1,000,000	1,000,000
Colombia	242,628	172,292	271,115	246,276	209,957	197,321	118,587
Ecuador	104,519	19,366,096	274,335	260,771	362,013	441,345	(1)
Peru	17,644,649		15,119,047	16,035,022	14,659,744	15,832,215	12,886,661
Europe:			220	3,119	11,028	(1)	(1)
Austria	(1)	(1)	(1)	22,567	59,223	46,896	29,471
Finland	61,086	312,530	[3] 1,237,800	[3] 1,237,800	[3] 1,237,800	614,300	3,200
Hungary	112,530	482,260	482,260	643,010	643,010	643,010	643,010
Italy [2]	482,260	282,927	257,206	253,991	231,485	170,399	131,818
Norway	295,787	500,233	140,692	89,186	104,619	71,310	189,689
Rumania	712,718	762,198	756,443	963,847	856,914	1,036,669	746,090
Sweden	658,704	81,496	57,942	45,902	32,916	33,742	26,968
United Kingdom	70,818						
Asia:			103,232	34,558	13,338	7,611	(1)
Cyprus	134,583	59,509	288,486	235,987	212,140	130,004	3,156
Formosa	338,229	299,148	3,413,549	3,200,000	2,900,000	2,847,222	(1)
Korea	3,719,213	3,661,511	1,260,097	231,197	26,071		17,208
Philippines [4]	1,247,541	1,299,199	33,801	48,344	56,286	7,290	28,255
Saudi Arabia	14,544	35,115					
Africa:			949	1,267	1,221	1,319	1,236
Bechuanaland	814	1,175	3,472,000	3,922,200	3,118,500	2,625,000	4,138,000
Belgian Congo and Ruanda-Urundi	2,314,750	3,536,400					
British East Africa:			15,643	15,602	16,354	11,498	16,659
Kenya	12,394	13,626	40,143	25,242	18,140	17,119	21,749
Tanganyika	27,999	36,735	1,005	1,127	468	306	(1)
Uganda	1,376		45,699	104	41		(1)
Rhodesia, Northern	80,136	312	170,364	163,776	119,322	103,776	95,974
Rhodesia, Southern	173,556	186,080				78	163
Swaziland						1,213,051	1,243,435
Union of South Africa	1,182,516	1,292,284	1,482,903	1,477,557	1,334,042		
Oceania:						8,340,887	[2] 7,368,999
Australia	15,021,270	14,837,430	14,861,275	13,559,880	9,857,995	9,619	29,398
Fiji	(1)	23,029	30,383	28,911	19,518	328,281	244,544
New Zealand	390,342	415,330	378,331	311,360	280,786		
Total for countries reported [5]	220,883,240	228,693,091	228,505,457	218,720,696	193,230,706	169,466,339	142,730,529

[1] Data not available.
[2] Approximate.
[3] Annual average production of 3-year period 1941–43.
[4] Refinery production in the United States.
[5] No estimates included in annual totals for countries not reported. In addition, totals for the respective years not comparable due to omission of data for some countries in specified years.

Circulation statement of United States money—December 31, 1945

Kind of money	Total amount	Money held in the Treasury					Money outside of the Treasury				Population of continental United States (estimated)
		Total	Amount held as security against Gold and Silver Certificates (and Treasury Notes of 1890)	Reserve against United States Notes (and Treasury Notes of 1890)	Held for Federal Reserve Banks and Agents	All other money	Total	Held by Federal Reserve Banks and Agents	In circulation [g]		
									Amount	Per capita	
Gold	[a] $20,064,936,333	$20,064,936,333	$17,914,092,337	$156,039,431		[d] $1,994,804,565					
Gold certificates	[b] (17,914,092,337)	([b] 15,047,478,308)			[b] $(15,047,478,308)		$2,866,614,029	$2,815,444,500	$51,169,529	$0.36	
Standard silver dollars	493,942,783	356,424,719	348,734,062			7,690,657	137,518,064	1,789,542	135,728,522	.97	
Silver bullion	1,703,891,228	1,703,891,228	1,703,891,228								
Silver certificates	[b] (2,051,475,832)						2,051,475,832	179,245,757	1,872,230,075	13.35	
Treasury notes of 1890	[b] (1,149,458)						1,149,458		1,149,458	.01	
Subsidiary silver	856,932,648	10,192,321				10,192,321	846,740,327	14,901,013	831,839,314	5.93	
Minor coin	317,386,695	6,287,726				6,287,726	311,098,969	4,303,328	306,795,641	2.19	
United States notes	346,681,016	2,900,750				2,900,750	343,780,266	27,985,263	315,795,003	2.25	
Federal Reserve notes	25,633,379,605	107,443,050				107,443,050	25,525,936,555	1,137,475,070	24,388,461,485	173.87	
Federal Reserve bank notes	502,261,413	923,539				923,539	501,337,874	7,219,725	494,118,149	3.52	
National Bank notes	118,380,650	277,931				277,931	118,102,719	871,700	117,231,019	.84	
Total December 31, 1945	50,037,792,371	22,253,277,597	19,966,717,627	156,039,431	[b] (15,047,478,308)	[e] 2,130,520,539	[f] 32,703,754,093	4,189,235,898	28,514,518,195	203.29	140,268,000

[a] Does not include gold other than that held by the Treasury.

[b] These amounts are not included in the total, since the gold or silver held as security against gold and silver certificates and Treasury notes of 1890 is included under gold, standard silver dollars, and silver bullion, respectively.

[c] This total includes credits with the Treasurer of the United States payable in gold certificates in (1) the Gold Certificate Fund-Board of Governors, Federal Reserve System, in the amount of $14,247,119,682, and (2) the redemption fund for Federal Reserve notes in the amount of $800,358,626.

[d] Includes $1,800,000,000 Exchange Stabilization Fund.

[e] Includes $147,000,000 lawful money deposited as a reserve for Postal Savings deposits.

[f] The amount of gold and silver certificates and Treasury notes of 1890 should be deducted from this amount before combining with total money held in the Treasury to arrive at the total amount of money in the United States.

[g] The money in circulation includes any paper currency held outside the continental limits of the United States.

NOTE.—There is maintained in the Treasury—(i) as a reserve for United States notes and Treasury notes of 1890—$156,039,431 in gold bullion; (ii) as security for Treasury notes of 1890—an equal dollar amount in standard silver dollars (these notes are being canceled and retired on receipt); (iii) as security for outstanding silver certificates—silver in bullion and standard silver dollars of a monetary value equal to the face amount of such silver certificates; and (iv) as security for gold certificates—gold bullion of a value at the legal standard equal to the face amount of such gold certificates. Federal Reserve notes are obligations of the United States and a first lien on all the assets of the issuing Federal Reserve Bank. Federal Reserve notes are secured by the deposit by the Federal Reserve Bank concerned, with its Federal Reserve Agent, of a like amount of collateral consisting of such discounted or purchased paper as is eligible under the terms of the Federal Reserve Act, or gold certificates, or direct obligations of the United States. Each Federal Reserve Bank must maintain reserves in gold certificates of not less than 25 percent against its Federal Reserve notes in actual circulation. Gold certificates deposited with Federal Reserve Agents as collateral, and those deposited with the Treasurer of the United States as a redemption fund, are counted as part of the required reserve. "Gold certificates" as herein used includes credits with the Treasurer of the United States payable in gold certificates. Federal Reserve bank notes and National bank notes are in process of retirement.

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ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1944

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1943

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1944

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 1, 1944:

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1944, being the Seventy-second Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1943.

OPERATION OF THE MINTS, ASSAY OFFICES, AND BULLION DEPOSITORIES

Institutions of the Mint Service

During the fiscal year ended June 30, 1944, six mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; and assay office at Seattle. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year ended June 30, 1944, amounted to the record production of 2,578,640,270 pieces, compared with 1,472,098,762 pieces during the preceding year. As in previous years, the denomination most largely produced was the 1-cent piece. Production in 1944, in amount $109,464,836.70, consisted of 406,356,600 subsidiary silver coins, value, $77,596,800.00; 253,630,000 5-cent coins, value, $12,681,500.00; and 1,918,653,670 1-cent coins, value, $19,186,536.70, of which 898,686,670 coins were of zinc-coated steel and 1,019,967,000 were of copper-zinc.

Coinage for foreign governments totaled 487,847,000 pieces, compared with 173,023,000 during the preceding year.

The grand total of domestic and foreign coinage in 1944 amounted to 3,066,487,270 pieces, which was an increase in domestic coinage over the prior fiscal year of 1,106,541,508 pieces, or 75 percent, and an increase in foreign coinage of 314,824,000 pieces, or 182 percent. The weight of the finished coins was 12,354.31 tons, or an average production of 35 tons per day.

Minor Coinage Alloys

Five-cent coin.—The 5-cent piece issued under authority of the Second War Powers Act, approved March 27, 1942, was coined during the fiscal year 1944. The composition is an alloy of 56 percent copper, 35 percent silver, and 9 percent manganese, and its standard weight is 77.16 grains. No 5-cent pieces containing 75 percent copper and 25 percent nickel have been coined since May 1942.

One-cent coin.—Production of the zinc-coated steel cent was discontinued December 31, 1943. The total number of zinc-coated steel coins struck from the beginning of production in February 1943 to their discontinuance December 31, 1943, was 1,093,838,670 pieces, value, $10,938,386.70. Beginning January 1, 1944, production of a copper-zinc coin was commenced, the composition of the alloy being 95 percent copper and 5 percent zinc. This was done under authority of the order of the Acting Secretary of the Treasury, filed with the Federal Register December 15, 1943, pursuant to the act of December 18, 1942, Public Law No. 815, Seventy-seventh Congress. The change was made as a result of the availability of fired brass cartridge cases, to which copper is added to produce the alloy. The standard weight of the coin is 48 grains, the same as the former bronze 1-cent coin.

Metal savings.—The production of the copper-silver-manganese 5-cent piece and the zinc-coated steel 1-cent piece during the fiscal year 1944 freed 3,194 tons of copper, 350 tons of nickel, and 120 tons of zinc for use in furtherance of the war effort.

Bullion Deposit Transactions

Bullion deposit transactions during the year numbered 7,492, including 53 intermint service transactions, compared with 15,406 and 99, respectively, during the prior year. The deposit transactions required 14,022 assay determinations, compared with 23,019 assay determinations last year.

Long-Term Storage of Bullion

There were no transfers of bullion for long-term storage during the fiscal year 1944. Withdrawals from bullion depositories were as follows: Because of increased sales of gold bars for industrial consumption and the large amounts of gold used for earmarking purposes, it became necessary to transfer 29,625,700 fine ounces of gold with a value of $1,036,899,495 from the Bullion Depository at Fort Knox to the New York Assay Office.

The balance of silver in the Bullion Depository at West Point was also decreased by removal of silver for sales under the terms of the Green Act (Public Law 137, 78th Cong., approved July 12, 1943) and for lend-lease transactions. During the year 40,791,567 ounces of silver were sold under the Green Act and 211,359,650 ounces were lend-leased. The New York Assay Office manufactured coinage ingots containing 11,063,000 fine ounces of silver which were transferred to the Philadelphia Mint for use in domestic subsidiary silver coinage.

Additional amounts of silver were removed from West Point for use in defense plants. The total amount of silver loaned for that purpose to Defense Plant Corporation, etc., amounted to 891,792,971

fine ounces on June 30, 1944, as compared to 699,819,332 fine ounces on June 30, 1943. This silver is to be returned to Treasury custody after it has performed its function.

The balance of silver in the Bullion Depository at West Point amounted to 513,706,973 fine ounces on June 30, 1944.

Gold Operations

Gold acquisitions by the mints and assay offices during the year, on the basis of classified melted receipts, amounted to $58,524,200.77 and transfers between mint-service institutions amounted to $1,040,831,947.20. These transactions totaled $1,099,356,147.97, compared with $208,006,481.87 for the prior year which included $19,871,516.21 in intermint transfers.

Acquisitions in 1944 included $10,764.13 of gold received at $20.67+ per fine ounce. Increment on this gold amounted to $7,459.44.

Silver Operations

Treasury silver acquisitions during the year totaled 12,042,027.25 fine ounces. The total value, at an average of $0.478 per fine ounce, equalled $5,757,512.53. Acquisitions were as follows:

Item	Amount (fine ounces)	Value
Newly mined domestic silver	861,293.90	$550,312.71
Silver contained in gold bullion deposits, etc	120,175.74	51,773.04
Silver received in exchange for Government stamped bars	231,250.14	101,749.96
Redeposits	10,829,307.47	5,053,676.82
Total	12,042,027.25	5,757,512.53

United States coin received for recoinage during the year amounted to 1,127,651.70 fine ounces, with a recoinage value of $1,558,875.67. Also, unfit silver dollars with a face value of $44,658,194 were melted, yielding 33,152,082.31 fine ounces of silver.

Transfers of silver between mint institutions amounted to 9,109,409.72 fine ounces, and foreign governments deposited 58,581,355.97 ounces of silver for foreign coinage, making a grand total of silver handled during the year 114,012,526.95 fine ounces.

During the year 1944, $387,878 of silver certificates were issued against 300,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. This silver had been acquired at an average price of $0.7111+ per fine ounce. The difference between the cost of the silver held to secure these certificates and the monetary value of such silver is $174,545, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) remained at $0.45062 throughout the fiscal year.

For newly mined domestic silver a return to the depositor of $0.7111+ per fine ounce, established by the act of July 6, 1939, prevailed during the year.

Refineries

The three electrolytic refineries produced 4,031,631 fine ounces (138 tons) of electrolytically refined gold bullion and 4,385,482 fine ounces

(150 tons) of silver bullion in 1944. During the prior year the quantities produced were 6,225,508 fine ounces (213 tons) of gold and 6,679,864 fine ounces (229 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions decreased during the fiscal year 1944 by approximately 282.6 tons, leaving a total of 1,474.43 tons.

Medals

The Medal Division of the Philadelphia Mint manufactured approximately 133,000 Navy service medals during the year, an increase of about 57,000 medals over the previous year. In addition, 50,000 bronze stars and 15,000 gold stars were struck.

Other medals sold during the year were as follows:

Item	Number	Value
Gold medals	27	$4,216.01
Silver medals	390	786.95
Bronze medals	2,470	2,385.10
Total	2,887	7,388.06

Stock of Coin and Monetary Bullion in the United States

On June 30, 1944, the estimated stock of domestic coin in the United States totaled $1,505,218,196, consisting of $494,337,395 standard silver dollars, $734,488,137 subsidiary silver coin, and $276,392,664 minor coin.

The stock of gold bullion, including coin, held by the Treasury on the same date was valued at $21,173,065,544, a decrease of $1,214,456,564 from June 30, 1943. The stock of silver bullion was 2,139,693,743 fine ounces, a decrease of 290,576,279.

Production of Gold and Silver in the United States

Domestic gold production (refinery product) during the calendar year 1943 totaled 1,394,522 fine ounces, with monetary value of $48,808,270, compared with 3,741,806 fine ounces, with monetary value of $130,963,210 in 1942. The largest annual gold production occurred in 1940—6,003,105 fine ounces with monetary value of $210,108,700.

Domestic silver production (refinery product) during the calendar year 1943 totaled 40,820,639 fine ounces, a decrease of 15,270,216 ounces from the 1942 production of 56,090,855. The record silver production of 74,961,075 ounces was in 1915.

Industrial Consumption of Gold and Silver in the United States

Gold consumption in arts and industries during the calendar year 1943 is estimated at $96,864,353. Gold returned from industrial use amounted to $10,521,000, giving a net industrial consumption of new gold during the year of $86,343,353.

Silver used in arts and industries totaled 162,112,863 fine ounces, of which 129,940,686 fine ounces were of new material.

Compared with calendar year 1942, there was an increase in the amount of gold and silver used in industry amounting to 603,482 and 30,693,639 fine ounces, respectively.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1944 totaled $3,934,370, consisting of $150,000, office of Director of the Mint; $5,000, transportation of bullion and coin; $3,771,370, salaries and expenses, mints and assay offices; and $8,000, printing and binding.

Supplemental appropriations provided additional amounts as follows: Under the First Deficiency Appropriation Act, 1944, approved April 1, 1944—$7,000, office of Director of the Mint. Under the First Supplemental National Defense Appropriation Act, 1944, approved December 23, 1943—$7,800, transportation of bullion and coin; and $1,650,000, salaries and expenses, mints and assay offices.

Expenses amounted to $8,239,785, of which $7,901,453 was chargeable to appropriations and $338,332 was chargeable to revenue.

The regular income realized by the Treasury from the mint service during the fiscal year 1944 aggregated $108,100,541, of which $45,796,210 was seigniorage. The seigniorage on subsidiary silver coin was $22,688,274 and on minor coin, $23,107,936. Extraordinary income was $61,705,178 representing profits on sale of silver bullion, and $7,459 increment to $35 per ounce on revalued gold.

General Activities

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1944, and the number of employees on June 30, 1944, at each institution, are shown in the following table:

Gold and silver deposits, income, expenses, and employees, by institutions, fiscal year 1944

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Number of employees June 30, 1944
Philadelphia	1,702	3,385	$15,269,211	$33,751,941	$4,694,678	+$29,057,263	1,891
San Francisco	1,840	5,043	14,627,504	7,424,663	1,484,398	+5,940,265	406
Denver	700	1,023	5,773,134	4,830,645	1,185,574	+3,645,071	390
New York	2,812	4,084	1,089,690,300	62,077,118	607,394	+61,469,724	164
Seattle	438	487	2,904,598	16,173	22,129	−5,956	6
Fort Knox					85,661	−85,661	35
Total	7,492	14,022	1,128,264,747	108,100,540	8,079,834	+100,020,706	2,892
Bureau of the Mint					159,951	−159,951	49
Grand total	7,492	14,022	1,128,264,747	108,100,540	8,239,785	+99,860,755	2,941
Prior fiscal year	15,406	23,019	284,975,597	74,278,461	6,631,434	+67,647,027	2,188

[1] Includes interinstitution transfers, $1,052,612,180.

Details of coinage executed during the fiscal year ended June 30, 1944, follow:

Domestic coinage

Denomination	Philadelphia mint	San Francisco mint	Denver mint	Total pieces	Total value
Silver:					
Half dollars	$16,459,000.00	$6,079,000.00	$2,803,900.00	50,683,800	$25,341,900.00
Quarter dollars	19,922,000.00	4,869,000.00	3,021,700.00	111,250,800	27,812,700.00
Dimes	15,643,000.00	6,353,000.00	2,446,200.00	244,422,000	24,442,200.00
Total silver	52,024,000.00	17,301,000.00	8,271,800.00	406,356,600	77,596,800.00
Minor:					
5-cent pieces	8,083,900.00	3,075,500.00	1,522,100.00	253,630,000	12,681,500.00
1-cent pieces	11,194,236.70	4,184,900.00	3,807,400.00	1,918,653,670	19,186,536.70
Total minor	19,278,136.70	7,260,400.00	5,329,500.00	2,172,283,670	31,868,036.70
Total domestic coinage	71,302,136.70	24,561,400.00	13,601,300.00	2,578,640,270	109,464,836.70
Prior fiscal year	107,681,098.90	22,361,200.00	23,432,180.00	1,472,098,762	153,474,478.90

Coinage by the United States for Other Countries

The coinage for other countries during the fiscal year, 1944, totaled 487,847,000 pieces, as compared with 173,023,000 pieces during the prior fiscal year, as follows:

Country	Number of pieces			
	Philadelphia	San Francisco	Denver	Total
Australia: Silver		45,000,000	24,000,000	69,000,000
Belgium: Zinc-coated steel	25,000,000			25,000,000
Cuba: Copper-zinc [1]	26,000,000			26,000,000
Dominican Republic: Copper-zinc [2]	5,000,000			5,000,000
Ecuador: Copper-zinc [3]			18,000,000	18,000,000
France: Copper-zinc [1]	50,000,000			50,000,000
Great Britain:				
Fiji Islands:				
Silver		1,150,000		1,150,000
Copper-zinc [4]		1,250,000		1,250,000
Guatemala:				
Silver	2,400,000			2,400,000
Copper-zinc [1]	600,000			600,000
Netherlands:				
Homeland: Silver	209,000,000			209,000,000
Curacao:				
Silver			3,700,000	3,700,000
Copper-zinc [2]			4,000,000	4,000,000
Nickel-silver [5]	2,000,000			2,000,000
East-Indies: Silver			15,627,000	15,627,000
Surinam:				
Silver	4,500,000			4,500,000
Copper-zinc [1]	4,000,000			4,000,000
Nickel-silver [6]	4,330,000			4,330,000
Nicaragua: Copper-zinc [1]	6,000,000			6,000,000
Peru: Copper-zinc [1]	15,500,000			15,500,000
Salvador: Copper-zinc [2]		5,000,000		5,000,000
Saudi-Arabia: Silver	15,790,000			15,790,000
Total coinage	370,120,000	52,400,000	65,327,000	487,847,000
Prior fiscal year, total coinage	84,550,000	54,100,000	34,373,000	173,023,000

[1] 70 percent copper, 30 percent zinc.
[2] 95 percent copper, 5 percent zinc.
[3] 80 percent copper, 20 percent zinc.
[4] 65 percent copper, 35 percent zinc.
[5] 12 percent nickel-silver, metals furnished by Netherlands Government.
[6] 12 percent and 18 percent nickel-silver, metals furnished by Netherlands Government.

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 42]

The value of the fine-gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1944, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1943:		1944—Continued.	
July	$162,470.05	March	$2,597,217.74
August	481,433.77	April	2,469,142.47
September	700,183.25	May	3,520,206.50
October	1,755,982.84	June	3,670,509.21
November	2,344,370.35		
December	2,477,815.75	Total	24,977,240.48
1944:			
January	1,896,452.83	Prior fiscal year	16,601,298.68
February	2,901,455.72		

Sales of Silver Under the Green Act During the Fiscal Year 1944

Treasury sales of silver for industrial use under terms of the Green Act (Public Law 137—78th Congress, approved July 12, 1943) during the fiscal year 1944, were as follows:

Month	Assay office at New York	Mint at San Francisco	Total
1943:	*Ounces*	*Ounces*	*Ounces*
July	2,003,685.05		2,003,685.05
August	5,610,650.32	19,995.75	5,630,646.07
September	6,249,448.48		6,249,448.48
October	2,890,685.89	10,399.67	2,901,085.56
November	406,101.60	27,499.06	433,600.66
December	3,551,339.99		3,551,339.99
1944:			
January	2,983,629.71		2,983,629.71
February	2,995,639.13		2,995,639.13
March	3,454,033.71		3,454,033.71
April	2,879,046.74	20,000.00	2,899,046.74
May	2,492,179.47		2,492,179.47
June	5,188,225.17	9,007.00	5,197,232.17
Total	40,704,665.26	86,901.48	40,791,566.74

Lend-Lease Silver

Details on lend-lease silver by the United States to foreign Governments during the fiscal year 1944 are shown in the table below:

Date	Country	Mint office	Total ounces
1943:			
August	United Kingdom	New York	11,998,880.93
Do	Netherlands	Philadelphia	581,799.86
Do	Australia	Denver	1,345,455.66
Do	do	San Francisco	3,700,000.00
September	India	New York	19,999,904.98
Do	Fiji	San Francisco	196,363.63
1944:			
January	Saudi Arabia	New York	2,753,680.85
Do	do	Philadelphia	2,406,250.00
Do	Netherlands	do	17,742,065.74
Do	United Kingdom	New York	14,999,996.57
February	Australia	San Francisco	3,363,637.43
Do	India	New York	9,999,998.85
April	Netherlands	Philadelphia	26,846,615.89
Do	Ethiopia	do	5,425,000.00
June	India	New York	90,000,000.00
Do			
Total			211,359,650.39

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1944, and balances on hand June 30, 1944, as compared with June 30, 1943, are shown in the following table:

Institution	Balance on hand June 30, 1943	Receipts during fiscal year 1944 (details below)[1]	Total	Disbursements during fiscal year 1944 (details below)[1]	Balance on hand June 30, 1944
Philadelphia	$5,766,898.51	$2,557,929.44	$8,324,827.95	$2,006,071.03	$6,318,756.92
San Francisco	356,121,644.16	13,437,39[illegible].97	369,559,041.13	1,202,307.81	368,356,733.32
Denver	5,797,529,705.39	5,393,977.70	5,802,923,683.09	112,632,807.84	5,690,290,875.25
New York	642,739,136.14	1,062,763,556.19	1,705,502,692.33	1,160,746,176.64	544,756,515.69
Seattle	258,266.00	2,870,162.37	3,128,428.37	1,955,823.47	1,172,604.90
Fort Knox	15,584,078,431.36		15,584,078,431.36	1,036,899,494.52	14,547,178,936.84
Total	22,386,494,081.56	1,087,023,022.67	23,473,517,104.23	2,315,442,681.31	21,158,074,422.92

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35.00 per ounce on receipts at $20.67+	Total
Philadelphia	$1,568,548.74	$7,551.56	$980,327.31	$1,501.83	$2,557,929.44
San Francisco	9,026,152.75	60,281.23	4,350,612.23	350.76	13,437,396.97
Denver	3,435,854.76	1,110.67	1,956,282.70	729.57	5,393,977.70
New York	24,834,584.60	30,330.97	1,037,893,781.91	4,858.71	1,062,763,556.19
Seattle	2,869,879.70	264.54		18.13	2,870,162.37
Fort Knox					
Total	41,735,020.55	99,538.97	1,045,181,004.15	7,459.00	1,087,023,022.67

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices and depository	Gold in sweeps, manufactures, etc. and operating losses	Total
Philadelphia	$1,005,670.20	$994,287.39	$6,113.44	$2,006,071.03
San Francisco	1,172,203.82		30,103.99	1,202,307.81
Denver	112,615,285.51		17,522.33	112,632,807.84
New York	1,159,681,158.24	981,745.80	83,272.60	1,160,746,176.64
Seattle		1,955,823.47		1,955,823.47
Fort Knox		1,036,899,494.52		1,036,899,494.52
Total	1,274,474,317.77	1,040,831,351.18	137,012.36	2,315,442,681.31

[1] Includes transfers.

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1944. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Total coined	On hand at mints unissued	Issued	Melted	Issued amount outstanding June 30, 1944
Half cents, copper [1]	$39,909.11		$39,909.11	$2.45	$39,906.66
Cents:					
Copper	1,562,887.44		1,562,887.44	383,769.04	1,179,118.40
Copper-nickel	2,007,720.00		2,007,720.00	809,213.23	1,198,506.72
Bronze	115,545,830.98	$3,973,930	111,571,900.98	2,133,686.86	109,438,214.12
Zinc-coated steel	10,938,386.70		10,938,386.70		10,938,386.70
2-cents, bronze	912,020.00		912,020.00	344,206.92	567,813.08
3-cents, nickel-copper	941,349.48		941,349.48	288,055.71	653,293.77
5-cents:					
Nickel-copper	136,322,816.60		136,322,816.60	12,264,099.95	124,058,716.65
Copper-silver-manganese	27,985,730.00	3,914,695	24,071,035.00	2,014.60	24,069,020.40
Total	296,256,680.31	7,888,625	288,368,025.31	16,225,048.81	272,142,976.50

[1] There is no record of the earlier melting of the old copper half cents, but it is believed that few if any, are now in circulation.

Proof Bullion (1,000 fine)

In order to maintain uniformity in assay of bullion in the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office while proof and inquartation silver are made at the Philadelphia Mint. During the fiscal year 1944 New York and Philadelphia furnished other mints 50 ounces of proof gold, and 250 ounces of proof silver.

Operations of the melting and refining and of the coining departments, fiscal year 1944

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints, and assay office at New York, during the fiscal year ended June 30, 1944, was 9.3 million fine ounces of gold and 436.1 million fine ounces of silver. There were also operated upon at the coinage mints 674.8 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	237,487	237,568	70,681	238	81		
Coining	760	767	370		7		
San Francisco Mint:							
Melting and refining	7,103,910	7,104,650	1,282,340	7,104	739		
Coining	5	5	5				
Denver Mint:							
Melting and refining	28,487,391	28,487,594	3,128,111	28,487	203		
Coining		9			9		
New York Assay Office: Melting and refining	7,182,196	7,182,564	4,795,898	7,182	368		
Total melting and refining	43,010,984	43,012,376	9,277,030	43,011	1,391		
Total coining	765	781	375		16		
Grand total	43,011,749	43,013,157	9,277,405	43,011	1,407		

SILVER BULLION

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	226,263,394	226,394,604	149,032,604	339,395	131,209		
Coining	137,027,776	136,849,489	129,328,586	137,028		178,287	1.3785
San Francisco Mint:							
Melting and refining	585,548,982	585,628,934	46,908,419	878,323	79,952		
Coining	38,322,565	38,318,094	38,111,796	38,323		[1] 4,470	.1173
Denver Mint:							
Melting and refining	59,505,500	59,545,831	35,876,539	89,258	40,331		
Coining	30,659,699	30,659,567	21,142,898	30,660		[1] 132	.0062
New York Assay Office: Melting and refining	18,875,596	18,890,250	15,675,915	28,313	14,654		
Total melting and refining	890,193,472	890,459,619	247,493,477	1,335,289	266,146		
Total coining	206,010,040	205,827,150	188,583,280	206,011		182,889	.9698
Grand total	1,096,203,512	1,096,286,769	436,076,757	1,541,300	266,146		

[1] Net.

5-CENT COINAGE METAL [2]

Institution	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	39,871,815	39,175,106	39,871,815			696,709	17.4737
Coining	26,906,795	26,808,527	26,786,119			98,268	3.6686
San Francisco Mint:							
Melting and refining	17,156,684	17,056,712	9,699,985			99,972	10.3064
Coining	10,412,246	10,409,879	10,412,245			2,366	.2272
Denver Mint:							
Melting and refining	6,666,115	6,617,749	6,666,115			48,366	7.2555
Coining	6,277,542	6,273,352	5,054,028			4,190	.8290
Total melting and refining	63,694,614	62,849,567	56,237,915			845,047	15.0262
Total coining	43,596,583	43,491,758	42,252,392			104,824	2.4809
Grand total	107,291,197	106,341,325	98,490,307			949,871	9.6443

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	177,236,322	176,106,385	177,236,322			1,129,936	6.3753
Coining	155,558,814	155,400,614	134,956,913			158,199	1.1722
San Francisco Mint:							
Melting and refining	45,513,754	45,489,090	41,404,307			24,664	.5956
Coining	41,178,646	41,163,194	41,178,646			15,450	.3751
Denver Mint:							
Melting and refining	45,095,383	44,952,178	45,095,383			143,205	3.1756
Coining	38,559,169	38,548,489	35,273,072			10,679	.3027
Total melting and refining	267,845,459	266,547,653	263,736,012			1,297,805	4.9208
Total coining	235,296,629	235,112,297	211,408,631			184,328	8.7190
Grand total	503,142,088	501,659,950	475,144,643			1,482,133	3.1193

ZINC-COATED STEEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint: Coining	68,752,994	68,775,084	68,664,590				
San Francisco Mint: Coining	15,701,469	15,701,469	15,701,469				
Denver Mint: Coining	15,488,572	15,465,241	15,488,572				
Total coining	99,943,035	99,941,794	99,854,631			23,331	1.5063
						23,331	.2336

NICKEL-SILVER [3]

	Gross ounces	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*	*Gross ounces*
Philadelphia Mint: Coining	1,482,361	1,481,618	1,295,061			744	.5744

[2] Copper-Manganese; the silver is stated with other silver bullion.
[3] Furnished by Netherlands Government.

Refined issue bars manufactured, fiscal years 1943 and 1944

FISCAL YEAR 1943

	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	473	31, 295	$1, 095, 325		
San Francisco	5, 576	2, 308, 087	80, 783, 040	1, 832	30, 642
Denver	4, 076	2, 101, 212	73, 542, 417		
New York	26, 456	5, 424, 821	189, 868, 741	5, 555	2, 648, 900
Total	36, 581	9, 865, 415	345, 289, 523	7, 387	2, 679, 542

FISCAL YEAR 1944

Philadelphia	521	28, 733	$1, 005, 670	23	2, 547
San Francisco	3, 501	1, 131, 020	39, 585, 702	1, 560	120, 792
Denver	6, 454	2, 664, 276	93, 249, 671		
New York	18, 943	1, 902, 009	66, 570, 324	1, 902	1, 164, 066
Total	29, 419	5, 726, 038	200, 411, 367	3, 485	1, 287, 405

Sweeps cellar operations fiscal year 1944 (includes crushed, discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
			Pounds	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	40	5, 976		195, 431. 50	4. 082	4, 217. 56
Refinery	San Francisco	920	79, 184	479. 345	3, 548. 21	854. 598	7, 852. 38
Do	Denver	836	74, 914			255. 467	5, 212. 39
Do	New York	1, 404	96, 062			2, 197. 256	5, 328. 27
Coining department	Philadelphia	40	3, 970	. 101	26, 543. 20	2. 592	5, 675. 52
Do	San Francisco	115	15, 656			5. 516	303. 85
Do	Denver	18	1, 321			9. 216	1, 017. 54
Deposits division	Philadelphia	4	373	52. 129		69. 406	107. 35
Do	Denver	41	3, 626			102. 605	229. 04
Do	New York	249	15, 796			422. 560	477. 06
Total		3, 667	296, 878	531. 575	225, 522. 91	3, 923. 298	30, 420. 96

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1944 amounted to $112,944.44 as follows:

Item	Mint at—			Assay office at—		Total
	Philadelphia	San Francisco	Denver	New York	Seattle	
Recovered from refining and coining operations	$62, 206. 21	$69, 012. 42	$20, 039. 61	$18, 490. 64		$169, 748. 88
Recovered incident to receipt of bullion deposits	1, 044. 58	357. 31	2, 086. 21	16, 233. 50	$7, 948. 31	27, 669. 91
Gains on lightweight and mutilated coin received for recoinage	24. 58	9. 51	9. 25			43. 34
Gain on bullion shipments (net)					145. 18	145. 18
Total gains	63, 275. 37	69, 379. 24	22, 135. 07	34, 724. 14	8, 093. 49	197, 607. 31
Wasted in refining and coining operations	80, 356. 97	3, 572. 87	733. 03			84, 662. 87
Net gains	[1] 17, 081. 60	65, 806. 37	21, 402. 04	34, 724. 14	8, 093. 49	112, 944. 44

[1] Net loss.

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1944, was $107,032.56. A loss of $9,063.59 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage: Coining department	$80,356.97	$3,572.87	$733.03		$84,662.87
5-cent coinage wastage:					
Melting and refining department	7,487.15	1,096.08	538.84		9,122.07
Coining department	1,056.03	25.95	46.68		1,128.66
Bronze wastage:					
Melting and refining department	8,991.56	167.68	1,181.68		10,340.92
Coining department	1,258.88	122.29	88.12		1,469.29
Zinc-coated steel coinage wastage: Coining department			308.75		308.75
Loss on sales of sweeps	1,379.37	3,982.30	3,353.90	$348.02	9,063.59
Total wastage and loss	100,529.96	8,967.17	6,251.00	348.02	116,096.15
Reimbursements:					
Silver, departmental wastage offset by other departmental surpluses	59,138.32	3,572.87	733.03		63,444.22
5-cent alloy, bronze, and zinc-coated steel coinage wastage, from minor coinage profits	15,753.15	1,412.00	2,045.18		19,210.33
Bronze wastage, offset by charges to Foreign metals accounts	2,266.27		118.89		2,385.16
Other wastage, and loss on sweeps from appropriations	23,372.22	3,982.30	3,353.90	348.02	31,056.44
Total reimbursements	100,529.96	8,967.17	6,251.00	348.02	116,096.15

Employees

The total number of officers and employees of the mint service on June 30, 1944, was as follows:

Institution	Established under act of—	Employees, by departments									Total	
		General					Engraving	Assaying	Coining	Melting and refining		
		Miscellaneous	Custodial		Mechanical	Deposits division					June 30, 1944	June 30, 1943
			Guards	Other								
Bureau of the Mint	Feb. 12, 1873	49									49	44
Philadelphia Mint	Apr. 2, 1792	115	66	52	97	50	24	12	1,033	442	1,891	1,201
San Francisco Mint	July 3, 1852	47	34	5	25	6		11	193	85	406	420
Denver Mint	Apr. 21, 1862	40	27	6	28	4		6	186	93	390	305
New York Assay Office	Mar. 3, 1853	34	26		10	14		17		48	149	158
West Point Depository	*June 22, 1936		14	1							15	15
Seattle Assay Office	May 21, 1898	1	1								6	9
Fort Knox Depository	*Aug. 13, 1935	3	28	4				3		1	35	36
Total 1944		289	196	68	160	74	24	49	1,412	669	2,941	
Total 1943		244	207	60	149	66	20	56	924	462		2,188

*Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin for 1943

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The purpose is to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 9, 1944, reported the following results of their examination of the 1943 coinage:

In accordance with section 3539 of the Revised Statutes, *the committee on counting* reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved were made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

At random we selected from the deliveries a certain number of packages, and it was the intention of the committee to include all denominations. Of the packages selected the coins contained therein were counted and found to agree with the number as designated on each envelope from the different mints.

After this was accomplished, the reserved coins were then delivered to the committees on assaying and weighing.

The committee on assaying has completed the assays on samples taken from the different deliveries of coin, representing all denominations of silver coined during the calendar year 1943 by the United States Mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year.

The results of assays upon coins and mass melts of coins are satisfactory, being well within the legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins were as follows:

	Highest	*Lowest*
Philadelphia Mint	900. 6	898. 6
Denver Mint	900. 0	898. 4
San Francisco Mint	900. 2	898. 4
Mass melt results:		
Philadelphia Mint	899. 3	
Denver Mint	899. 0	
San Francisco Mint	898. 7	

The committee on weighing reports that it selected at random a total of 141 coins, consisting of 77 coins from the Philadelphia Mint, 30 coins from the Denver Mint, and 34 coins from the San Francisco Mint. These coins were taken from 1,250 different deliveries and are believed to be adequately representative of the year's coinage of each mint.

The coins were weighed directly against weights from the set of coin and grain weights regularly reserved for the use of the Commission. This set was delivered under seal of the National Bureau of Standards, and was accompanied by a certificate from that Bureau showing that the errors of all weights of the set were negligible.

Weighings were made to the nearest 0.01 grain on a balance, the sensitiveness, accuracy, and reliability of which were tested and found adequate before the beginning of the work on February 9, and again on the morning of February 10.

It is to be noted that the weight of each coin was well within the tolerance allowed by law.

The following table shows the maximum deviation of the heaviest and lightest coins of each denomination from each mint as found from individual weighings:

Denomination	Legal deviation allowed	Actual deviation					
		Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1.5	1.10	0.83	0.43	1.08	0.79	0.88
Quarter dollar	1.5	1.10	1.04	0.73	0.68	0.50	0.35
Dimes	1.5	0.72	1.02	0.34	0.85	0.37	0.13

Considering the 141 coins as a group the average deviation, with regard to sign, was found to be only 0.029 grain. In other words, of the coins weighed the heavy coins were very nearly offset by the light coins. The average error without regard to sign was 0.262 grain. In general, any coin taken at random from any mint is almost equally likely to be heavy or light, there being a slight preponderance toward heaviness.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ending June 30, 1944, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1943

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1943

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint-service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

Gold production of the United States, including its insular dependencies, for the calendar year 1943, is estimated to have been 1,394,522 fine ounces, valued at $48,808,270; and silver production is estimated at 40,820,639 fine ounces valued at $29,028,010. A comparison of these figures with those of 1942 indicates decreases amounting to 2,347,284 ounces of gold, and 15,270,216 ounces of silver.

In 1943 Utah was the State of largest gold production, with 382,445 ounces. Arizona and California ranked second and third with 174,164 and 148,877 ounces respectively. California showed the largest decrease of any State over the previous year (745,271 ounces).

Idaho maintained first position in silver production in 1943 as in 1942, with 11,420,154 ounces. Utah with over 9,000,000 and Montana with over 8,000,000 ounces followed in order.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The value of the production of gold and silver from mines in Alaska was $3,515,832 in 1943, compared with $17,151,858 in 1942, according to Charles W. Henderson and Robert V. Cushman of the United States Department of the Interior, Bureau of Mines. Gold recovered from ores and gravels totaled only 99,583 fine ounces valued at $3,485,405, a decrease of 80 percent from the 1942 gold production and the lowest quantity mined in the Territory since 1897. The most important factor contributing to this marked decrease in gold output was the War Production Board Gold Mining Limitation Order

L–208 issued on October 8, 1942, the full effect of which was not felt in Alaska until 1943. However, the regulations on gold mining in Alaska were eased slightly by the War Production Board in the spring of 1943 to allow those lode mines which produced 1,200 tons or less of commercial ore in 1941 and those placer mines which treated less than 1,000 cubic yards of material in 1941 to operate, provided that they employed not more than seven men. A serious shortage of labor at the mines, created by the high wages offered laborers on the numerous Army and Navy construction projects throughout the Territory, was another reason for the decrease. The Alaska Juneau Gold Mining Co. was the largest single producer of gold in the Territory in 1943.

Floating connected-bucket dredges recovered 19 percent of the total Alaska output of gold in 1943 compared with 51 percent in 1942. Only 7 of the 47 available floating dredges were in operation during the year; these dredges were allowed to work under limited reprieves. One dry-land dredge was in operation in 1943; nearly all earth-moving equipment had been disposed of to contractors on Government projects.

Other placers, totaling 106 operations, worked by bulldozers and hydraulic giants, drifting, and sluicing, together yielded 22 percent of the total gold produced in 1943.

Lode mines contributed 58 percent of the total Alaska gold output in 1943 as compared with 28 percent in 1942. There were only 8 active lode mines out of the 38 active in 1942. The Alaska Juneau Gold Mining Co., at Juneau, operating at a greatly reduced capacity was again the largest single producer of lode gold; the Alaska-Pacific Consolidated Mining Co., in the Willow Creek district near Wasilla, was second. These 2 producers made the Juneau and the Willow Creek districts respectively the largest lode-gold producing districts in 1943. Ore-dressing mills active in Alaska during the year included the 12,000-ton Alaska Juneau amalgamation-table concentration-flotation mill and 5 other mills, chiefly amalgamation-flotation plants. With the exception of the Alaska Juneau, no mill had a daily capacity over 75 tons.

The output of recovered silver in 1943, totaling 42,788 fine ounces valued at $30,427, was produced as a byproduct of gold mining. About 88 percent of the total output was recovered by lode-mining operations. All of the recovered lead output of Alaska in 1943 came from lead concentrates produced at the flotation mill of the Alaska Juneau Gold Mining Co.

The bulk of the gold and silver produced in 1943 was in the form of bullion or dust sent to mints and assay offices in the United States, either direct or through banks and bullion buyers located in Alaska. Most of the remaining gold and silver produced were obtained from high-grade ore and concentrates shipped to the Selby (Calif.) and Tacoma (Wash.) smelters. There are no smelters or refineries in the Territory.

The total production of gold and silver in Alaska, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1880 through 1943, has been 25,739,234 fine ounces of gold, valued at $613,887,792, and 19,725,160 fine ounces of silver, valued at $14,031,221.

ARIZONA

The value of the production of gold, silver, copper, lead, and zinc from mines in Arizona was $121,212,902 in 1943 compared with $114,525,600 in 1942—an increase of 6 percent; it was the greatest since 1929, when the total value was $155,567,133, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The value of the gold was $6,013,350, a 32-percent decline from 1942; and silver, $4,063,210, a 19-percent decline. The value of the gold production represented 5 percent of the State total, and silver 3 percent.

The Government gold-mine closing order issued in October 1942 resulted in an unusually large decrease in output of siliceous ores in 1943, especially gold ore, as nearly all large gold producers of gold ore were idle throughout the year.

The output of recoverable gold in Arizona in 1943 was 171,810 fine ounces—a 32-percent decrease from 1942. Gold from siliceous ores (chiefly dry and siliceous gold ore) declined 68,426 ounces or more than 72 percent and that from copper ore nearly 8 percent; gold from zinc-lead ore increased nearly 16 percent. Gold from placers decreased from 2,836 fine ounces in 1942 to 319 fine ounces in 1943 as no dredges of any type were active. Copper ore yielded 78 percent of the State total gold, siliceous ores 15 percent, and zinc-lead ore nearly 6 percent. Gold recovered from ores amalgamated amounted to 21 ounces; from ore and old tailings cyanided, 4,755 ounces; from concentrates smelted, 89,015 ounces; from crude ore sent direct to smelters, 77,700 ounces; and from placers 319 ounces. Gold ore treated at amalgamation mills decreased from 765 tons in 1942 to 4 tons in 1943, and siliceous material treated at cyanidation and cyanidation-concentration plants from 542,916 to 144,338 tons; 4 straight cyanidation plants treated 24,700 tons of material in 1943 compared with 15 plants that treated 337,350 tons in 1942. The most important cyanidation plants were those at the Mammoth–St. Anthony Limited, Iron King, and Gold Standard properties. Only 1 plant remained in operation at the close of the year. The gold output decreased sharply in the strictly gold-producing districts such as the San Francisco (Oatman, Goldroad, Katherine), Weaver (Octave), Martinez (Congress), and Vulture. The chief gold-producing districts in Arizona in 1943 were the Warren, Ajo, Verde, Old Hat, Pioneer (Superior), and Big Bug. The Copper Queen (Bisbee) branch of the Phelps Dodge Corporation continued to be the leading gold producer in Arizona; it was followed by the New Cornelia mine in Pima County, the United Verde mine in Yavapai County, the Mammoth-St. Anthony Limited property and the Magma mine both in Pinal County, and the Iron King mine in Yavapai County. These 6 properties produced 85 percent of the State total output.

The total gold production in the State of Arizona, in terms of recovered metal, from 1860 to 1943, inclusive, has been 10,599,750 ounces.

The output of recoverable silver in Arizona in 1943 was 5,713,889 fine ounces—a decrease of 19 percent from 1942. The chief decreases were 626,548 ounces in silver from copper ore, 539,097 ounces from siliceous ores, 117,594 ounces from zinc-lead ore and zinc-lead-copper

ore, 41,501 ounces from zinc ore and zinc-copper ore, and 25,450 ounces from lead ore. Copper ore yielded 76 percent of the State total silver, siliceous ores, 7 percent; zinc-lead ore, 11 percent; zinc-copper ore, 3 percent; zinc-lead-copper ore, 1 percent; and lead ore, 1 percent. The Phelps Dodge Corporation continued to be the chief silver producer in Arizona, although its output was 12 percent less than in 1942; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 69 percent of the State gold output, 66 percent of the silver, and 58 percent of the copper. Other large silver producers in Arizona in 1943 were the Magma, Iron King, Trench-Flux, Ash Peak, and Shattuck Denn properties. The chief silver-producing districts were the Warren (Bisbee), Verde (Jerome), Ajo, Pioneer (Superior), Big Bug, Harshaw, and Copper Mountain (Morenci); more than 57 percent of the total silver came from the Warren and Verde districts.

The total silver production in the State of Arizona, in terms of recovered metal, from 1860 to 1943, inclusive, has been 281,466,394 ounces.

CALIFORNIA

California gold production in 1943 fell below that in any year since 1848, the year James A. Marshall made his historic discovery in the gravels of the American River near Coloma, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. Higher wages, enlistment of miners in the armed forces, migration of miners to war industries, rising prices of supplies and equipment and difficulties in obtaining them, increased taxes, and the fixed price for gold were factors which accelerated the downward trend which has been under way since 1941. War Production Board Order L–208 promulgated October 8, 1942, was in force throughout 1943 with the result that no gold mines except the very smallest could operate except under special grant; only 38 such grants were issued by the Board to California miners during 1943. California has never derived a large part of its gold output as a byproduct from base metal mines; this proportion was much higher in 1943, however, than in preceding years.

Monthly production figures covering the period since January 1937 show an upward trend until a peak was reached during 1940. In 1941, however, a reaction set in which gained headway in 1942. By February 1943 a production of 8,547 ounces was reported compared with a high of 149,718 ounces recorded in December 1940. The monthly average in 1943 was 12,361 ounces compared with a monthly average of 121,306 ounces in 1940. The 1943 monthly data indicate that the declining trend, though greatly slowed compared with that in 1941 and 1942, had not been fully arrested.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1943 was 148,328 fine ounces valued at $5,191,480 compared with a production of 847,997 ounces valued at $29,679,895 in 1942; the decrease in both quantity and value was 83 percent. In 1943, 139 lode mines produced 58,903 ounces of gold, valued at $2,061,605, and 82 placer mines produced 89,425 ounces of gold, valued at $3,129,875. Placer mines supplied 60 percent and lode mines 40 percent of the total in 1943 compared with 55 percent for placer mines and 45 percent for lode mines in 1942; the placer-lode gold production ratio was the highest since 1900, when separate

annual data were first compiled and almost certainly the highest since large-scale hydraulicking was terminated by the Sawyer decision of 1884. Of the gold derived from lode operations, 84 percent was recovered from dry gold ore, 6 percent from lead ore, 5 percent from copper ore, and most of the remainder from zinc-copper ore. Metallurgical data show that 52 percent of the lode gold in 1943 (24 percent in 1942) was recovered by smelting of concentrates, 20 percent (38 percent in 1942) by amalgamation of ore and old tailings, 14 percent (3 percent in 1942) by smelting of ore and old tailings, and 14 percent (35 percent in 1942) by cyanidation of ore and old tailings. The shift in importance from amalgamation and cyanidation to concentration and direct smelting parallels the shift in emphasis from gold to base metal mines in the State.

Although gold output was not as greatly reduced at placers as at lode mines, nevertheless, the placer production decreased 81 percent. In the following data on placer mining 1942 figures are given in parentheses. Dredging was the leading method of working placer deposits in 1943 both as to yardage of gravel washed and the quantity of placer gold recovered. Floating dredges of the connected-bucket type washed 17,880,000 (106,543,000) cubic yards of gravel and recovered 66,999 (310,937) ounces of gold, valued at $2,344,965 ($10,882,795), or 75 (67) percent of the placer gold produced in the State in 1943. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) washed 3,180,000 (24,526,000) yards of gravel, which yielded 14,196 (117,906) ounces of gold, valued at $496,860 ($4,126,710). Nonfloating washing plants to which gravel was delivered by mechanical means washed 547,000 (1,637,000) yards of gravel and recovered 2,997 (10,044) ounces of gold, valued at $104,895 ($351,540). Hydraulic mines produced 1,723 (6,106) ounces of gold valued at $60,305 ($213,710) derived from 366,000 (1,980,000) yards of gravel; 4,500 (22,000) yards of gravel from drift mines were washed from which 970 (2,339) ounces of gold, valued at $33,950 ($81,865) were recovered. Small scale hand-operated equipment, including small sluice boxes, long tons, dip boxes, rockers, pans, and dry washers, was used in the production of 2,540 (16,152) ounces of gold, valued at $88,900 ($565,320). Small outputs of gold were credited to suction dredge and Becker-Hopkins dredge operations in 1942 but no properties using either of these methods were active in 1943.

Yuba County, because of the productivity of those connected-bucket dredges which were granted permission to operate with older men under order L–208, was the leading gold-producing county in the State, thus displacing Nevada County which had held first place for many years. Nevada County stood in second place in 1943; almost all of the gold produced in the county was credited to lode mines in the Grass Valley-Nevada City district. Sacramento and Butte Counties, both depending principally on placer gold production, stood in third and fourth places, respectively. Tuolumne County, which occupied fifth place, derived most of its 1943 gold production from the Eagle Shawmut mine. Other counties producing over $100,000 in gold in 1943, listed in order of output, were Stanislaus County (dredging), Mariposa County (gold ore), San Joaquin County (dredging), Sierra County (gold ore and drift mining), Inyo County (base metal ores), Siskiyou County (copper ore and placers), and Kern County (gold ore and scheelite-gold placers).

The principal gold-producing mines in California in 1943, listed by operators and in order of output, were the Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge); Natomas Co., Sacramento County (dredge); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Golden Feather Dredging Co., Butte County (dragline dredge); Miller and Clemson, Tuolumne County (gold ore); Empire Star Mines Co., Ltd., and New Verde Mines Corporation (joint operations of Empire Star mines) Nevada County (gold ore); Tuolumne Gold Dredging Corporation, Stanislaus County (dredge); Gold Hill Dredging Co. (Upper Comanche dredge), San Joaquin County (dredge); Original Sixteen to One Mine, Inc., Sierra County (gold ore); and Shoshone Mines, Inc., Inyo County (lead ore).

The output of silver from California ores, gravels, and re-treated tailings in 1943 was 609,075 fine ounces, valued at $433,120, compared with a production of 1,450,440 ounces, valued at $1,031,424, in 1942. Of the lode silver 49 percent was derived from lead ore, 22 percent from dry gold ore, 12 percent from tungsten ore, 8 percent from copper ore, 4 percent from zinc-copper ore, and 5 percent from zinc ore, gold-silver ore- zinc-lead ore, and silver ore. A small quantity of silver was recovered as a byproduct of dredging and other placer mining carried on principally for gold. Smelting of ore and old tailings supplied 56 percent of the lode silver recovered in the State; smelting of concentrates, 41 percent; and cyanidation and amalgamation of ore and old tailings, 3 percent.

The principal silver-producing mines in California in 1943, listed by operators and in order of output, were Shoshone Mines, Inc., Inyo County (lead ore); Darwin Mines, Arthur J. Theis, trustee, Inyo County (lead ore); Lava Cap Gold Mining Corporation, Nevada County (gold ore); United States Vanadium Corporation, Inyo County (tungsten ore); The Mountain Copper Co., Ltd., Shasta County (copper ore); L. D. Foreman (Last Chance slag dump), Inyo County (lead ore); G. Ivan Smith, Calaveras County (zinc ore and zinc-copper ore); Damon & Damon, Inyo County (gold-silver ore and zinc ore); and Gray Eagle Copper Co., Siskiyou County (copper ore).

CENTRAL STATES

No mine production of gold was reported in the Central States from 1941 to 1943, inclusive. Silver recovered in 1943 totaled 161,917 ounces, valued at $115,141, compared with 130,884 ounces, valued at $93,073, in 1942, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Fluctuations in yearly silver production in the Central States are not significant, as silver is a minor constituent of the ores and brings no return to lead and zinc mines and only small returns to two or three copper mines. Most of the silver output is recovered as a byproduct in refining lead and copper bullion, but some native silver is recovered in Michigan by hand picking at the mill. Lead ore from southeastern Missouri yielded 111,285 ounces of recoverable silver in 1943; copper ore from Michigan, 48,479 ounces; and zinc-lead fluorspar and lead fluorspar ores from southern Illinois, 2,153 ounces. The principal producers of the ores from which silver was recovered were the St. Joseph Lead Co. lead mines in southeastern Missouri and the Quincy and North Kearsarge copper mines in Michigan.

COLORADO

Gold recovered from Colorado mines in 1943 totaled 137,558 fine ounces, valued at $4,814,530, a 49-percent decrease from 1942, and was the smallest production of any year since 1876, according to Charles W. Henderson, R. H. Mote, and Robert V. Cushman, of the United States Department of the Interior, Bureau of Mines.

The total ore sold or treated in Colorado was 1,631,318 tons in 1943, compared with 1,797,386 tons in 1942. The number of producing lode mines decreased from 311 in 1942 to 235 in 1943, the number of placer mines decreased from 68 to 17.

The Cripple Creek district, Teller County, continued to be the leading gold-producing district in Colorado; it was followed, in order, by the California (Leadville) district, Lake County; Animas district, San Juan County; Upper San Miguel district, San Miguel County; Mosquito Creek district, Park County; Sneffels district, Ouray County; Summitville district, Rio Grande County; Empire district, Clear Creek County; Buckskin district, Park County; Southern district, Gilpin County; and Trail Creek district, Clear Creek County, all of which yielded 1,000 ounces and upward of gold. Dry and siliceous ores yielded 86 percent of the State total gold; zinc-lead ore, 12 percent; and copper, lead, lead-copper, and zinc ores, and the small amount from placer operations, 2 percent. Except for the Cripple Creek district, virtually all the ores in Colorado districts—although chiefly valuable for gold and silver—contain some zinc, often discarded. A change in selection of ore and in metallurgy at many of the mines operating in the State in 1943 converted them into producers of zinc concentrates or products containing recoverable zinc and thereby allowed several of the largest gold-silver mines to continue to operate. The mines of the Cripple Creek district continued to operate at a greatly reduced scale under several reprieves granted by the War Production Board. Provisions of the first reprieve effective December 8, 1942, allowed operation until June 8, 1943, and called for conversion of a 300-ton unit of the Golden Cycle mill at Colorado Springs to selective-flotation in order to handle 450–500 tons of zinc-lead ore per day. Treatment of dry gold ore from Cripple Creek and Boulder Counties was permitted because this type of ore was needed in the mill plant. Conversion of the flotation unit to selective-flotation was completed the latter part of April 1943. A further reprieve of indefinite duration was granted August 8, 1943. Specific data on yardage handled at small-scale placer operations are not obtainable.

Mine production of recovered silver in 1943 was 2,664,142 fine ounces, valued at $1,894,501, compared with 3,096,211 fine ounces in 1942, valued at $2,201,750. Creede district, Mineral County, continued to be the largest producer of silver in 1943, followed in order by California (Leadville) district, Lake County; Animas district, San Juan County; Roaring Fork district, Pitkin County; Upper San Miguel district, San Miguel County; Red Cliff district, Eagle County; Griffith district, Clear Creek County; and Pioneer (Rico) district, Dolores County, all of which produced 100,000 ounces and upward of silver. Dry and siliceous ores yielded 61 percent of the State total silver; zinc-lead ore 34 percent; lead ore nearly 5 percent; and copper, lead-copper ore, and zinc ores and a small amount from placer mines, nearly 1 percent.

The total production of gold and silver in Colorado, in terms of recovered metal, compiled from all sources by Charles W. Henderson from 1858 through 1943, has been 38,702,940 fine ounces of gold valued at $848,479,864 and 723,710,917 fine ounces of silver valued at $562,577,427.

EASTERN AND APPALACHIAN STATES

The total gold output by mines in the Eastern and Appalachian States in 1943 was 2,878 fine ounces valued at $100,730, a decrease of 80 percent from 1942 and the lowest in any year since 1933, according to A. J. Martin of the United States Department of the Interior, Bureau of Mines. The silver production totaled 128,129 ounces valued at $91,114 in 1943, an increase of 22 percent over 1942. The old Haile mine in Lancaster County, S. C., principal producer of gold in the Eastern States from 1937 to 1942, inclusive, and the Condor (old Howie) mine at Waxhaw in Union County, N. C., second-largest producer in 1941 and 1942, were idle throughout 1943. The only output of gold ore during the year was 156 tons shipped crude to the U. S. Metals Refining Co. smelter at Carteret, N. J., from the Terry mine near Smyrna, S. C.; the ore contained 147 ounces of gold and 135 ounces of silver. In Georgia 2 ounces of gold were recovered by individuals placer mining in Lumpkin County, and 10 ounces were found in a creek bed in Union County while rock was being taken out to crush for road work.

The rest of the gold and silver produced in the Eastern and Appalachian States in 1943 was recovered as a byproduct of the mining of other metals. The Cornwall iron (magnetite-pyrite-chalcopyrite) mine in Pennsylvania yielded 2,218 ounces of recoverable gold and 13,095 ounces of silver, all contained in copper concentrates shipped to the smelting and electrolytic-refining plant at Laurel Hill, N. Y. The Tennessee output was 303 ounces of gold and 52,058 ounces of silver, recovered from blister copper shipped to an electrolytic refinery by the Tennessee Copper Co., which operated 4 mines, 2 mills, a copper smelter, sulfuric-acid plants, and copper-sulfate works in the Ducktown district. Zinc-lead ore from the Balmat mine of the St. Joseph Lead Co. in St. Lawrence County, N. Y., yielded 38,004 ounces of recoverable silver. In North Carolina copper ore from the Fontana and Hazel Creek mines in Swain County and the Terry & Knowlton prospect in Mecklenburg County yielded 131 ounces of gold and 7,169 ounces of silver. The Vermont production was 17 ounces of gold and 2,721 ounces of silver, contained in copper concentrates shipped from the Elizabeth mine of the Vermont Copper Co., reopened in September 1943 after having been closed since June 1930. In Virginia 50 ounces of gold and 14,947 ounces of silver were recovered from zinc-lead ore from the Valzinco mine of Panaminas, Inc., in Spotsylvania County.

IDAHO

The total value of gold, silver, copper, lead, and zinc produced by Idaho mines was $43,199,910 in 1943 compared with $46,063,326 in 1942, a 6-percent decrease, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The value of the gold output was $1,078,280, silver $8,320,128,

copper $604,240, lead $14,468,550, and zinc $18,728,712. The quantity of each metal produced was less than in 1942.

The output of recoverable gold in Idaho was nearly 68 percent less in 1943 than in 1942. This decrease, which resulted from the closing in 1942 of most of the large lode producers and all the large placer producers, was caused principally by the gold-mine closing order issued by the Government in October 1942. The yield of gold from lode mines decreased from 50,440 ounces in 1942 to 30,553 ounces in 1943 and that from placers from 44,580 to 255 ounces. The output of gold from placers was the smallest ever recorded in the history of the State. About 53 percent of the State total gold in 1943 came from siliceous gold ore, more than 26 percent from zinc-lead ore, and nearly all the remainder from siliceous gold-silver ore. In 1942 dredging operations (chiefly bucket-line dredges) recovered 43,300 ounces (nearly 46 percent) of Idaho's gold output; no dredges operated in 1943. As a result of the idleness of dredges, gold production decreased sharply in 1943 in the Boise Basin, Yankee Fork, Middle Boise, Elk City, Hoodoo, Gibbonsville, Warren, and Orogrande districts. Gold output from lode mines slumped in the Middle Boise, Carson, West View, Mineral Hill (Lemhi County), Burgdorf-Marshall Lake, Ten Mile, Boise Basin, Thunder Mountain, and Yankee Fork districts. In 1943 nearly half of the State gold output came from a lode mine in the Middle Boise (Atlanta) district.

Talache Mines, Inc., operating a lode property at Atlanta, was by far the largest gold producer in Idaho, although the output was 40 percent less in 1943 than in 1942; it was followed by the Triumph mine near Ketchum and the Yellow Pine mine at Stibnite. These three properties produced 81 percent of the State gold output in 1943.

The total production of gold, in terms of recoverable metals, from 1863 to 1943 inclusive has been 7,754,986 ounces.

The output of recoverable silver in Idaho was 11,700,180 fine ounces in 1943—20 percent less than in 1942. A greater decrease was prevented by the discovery in June of high-grade lead-silver ore in the Chester vein of the Sunshine property near Kellogg. However, the total production of silver from this mine, leading silver producer in the United States, declined more than 1,000,000 ounces. Large decreases in silver output occurred also at the Mineral Point, Hecla, Polaris, De Lamar, Bunker Hill & Sullivan, Morning, Sherman, and Crescent properties. The Coeur d'Alene region produced nearly 88 percent of the State total silver in 1943; the remainder came largely from the Warm Springs, Bayhorse, Yellow Pine, Deadwood Basin, Blue Wing, Middle Boise, and South Mountain districts. Of the State total silver, zinc-lead ore yielded nearly 43 percent, silver ore 39 percent, lead ore nearly 16 percent, gold-silver ore and gold ore 2 percent, and other ores less than 1 percent. The yield of silver from silver ore decreased 2,932,814 ounces and from zinc-lead ore 357,302 ounces, but that from lead ore increased 716,016 ounces, owing to the yield from the Chester vein.

Eight mines—the Sunshine, Bunker Hill & Sullivan, Mineral Point, Triumph, Hecla, Page, Morning, and Polaris—produced 79 percent of the silver output of the State during 1943. All these mines except the Triumph are in the Coeur d'Alene region.

The total production of silver, in terms of recoverable metals, from 1863 to 1943 inclusive has been 495,920,027 ounces.

MONTANA

The total value of gold, silver, copper, lead, and zinc produced from Montana ores and gravels was, in terms of recovered metals, $53,642,658 in 1943, compared with $60,129,853 in 1942, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. This decrease was due to the smaller output of each metal, for although the average prices paid for copper, lead, and zinc were all higher than in 1942, only the value of the copper output showed a gain. Gold and silver production was cut drastically by the further closing of gold mines in Montana.

Virtually all gold mines in Montana were closed by the end of 1943. Only those remained active that could justify their operations by reason of supplying smelters with much-needed flux or by reason of producing some other mineral of strategic importance to the war program. The reasons for closing, Government Order L–208 issued in 1942, scarcity of labor, inadequate supply of equipment and materials, etc., which affected gold mines in 1942, continued to exist throughout 1943.

Montana ores and gravels yielded 59,586 fine ounces of gold in 1943, compared with 146,982 ounces in 1942—a 59 percent decrease; the output from lode mines decreased 60,136 ounces and from placer mines 27,170 ounces. Siliceous ores yielded 46 percent of the State total gold, and base metal ores 30 percent; there was a decrease in gold from each class of ore. Gold production from every county in the State except Flathead and Judith Basin showed a decrease, but both of these counties are of negligible importance as gold producers. The largest decreases were noted from mines in Madison, Broadwater, Jefferson, Park, Lewis and Clark, Silver Bow, and Granite Counties. Gold ore mined totaled 72,616 tons compared with 322,140 tons in 1942 and comprised 34,926 tons treated in amalgamation and cyanidation mills, 12,666 tons in concentrating mills, and 25,024 tons shipped crude to smelters. Ore treated at amalgamation and cyanidation mills (with or without concentrating equipment) yielded 16 percent of the State total gold; ore concentrated, 32 percent; ore of all classes shipped crude to smelters, 28 percent; and placers, 24 percent.

Decreases of 27,170 ounces in gold and 5,587 ounces in silver were noted in the yield from placer mines. Three floating connected-bucket dredges were active in 1943; however, one of these—the Porter Bros. Corporation dredge—ceased operations August 8, 1943. The other two remained in operation through December 1943 and are still operating in 1944. The H. & H. Mines Co. dredge recovers gold and scheelite and the Perry-Schroeder Mining Co. dredge recovers gold, sapphires, and some platinum. These dredges treated 3,215,759 cubic yards of gravel and recovered gold valued at $475,265, indicating an average recoverable gold value of 14.8 cents per cubic yard treated. No dragline floating or dry-land dredges were active in Montana in 1943.

The leading gold producers in Montana in 1943 (each either closed during 1943 or active in 1944 only because of special product mined or contained in the ore) were all the company-operated copper mines of the Anaconda Copper Mining Co. at Butte, the Perry-Schroeder dredge (gold and sapphires) on the Missouri River in Lewis and Clark County, the Boaz mine (cyanide mill closed December 1943) in Madison County, the Golden Sunlight mine (siliceous flux) in Jefferson

County, the Porter Bros. dredge (closed August 1943) near Helena, the Granite-Bimetallic mine (siliceous tailings as flux) in Granite County, and the Ohio Keating mine (cyanide mill closed July 1943).

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1943 inclusive, has been 16,886,996 ounces.

The output of recoverable silver in Montana in 1943 was 8,450,370 fine ounces, compared with 11,188,118 ounces in 1942—a 24-percent decrease. Decreases were noted in nearly all the important silver-producing counties; the largest were in Silver Bow, Cascade, Granite, and Flathead. Ore treated at concentrating mills yielded 84 percent of the total silver, and crude smelting ore 15 percent. Copper ore yielded 71 percent of the State total silver; siliceous ore 15 percent; zinc-lead ore 12 percent; and lead ore, zinc ore, and placers together 2 percent. The output of silver ore was 140,466 tons and of gold-silver ore 53,890 tons.

Copper mines, dumps, tailings piles, and slime ponds (at Anaconda), zinc mines at Butte, and the Flathead mine in Flathead County—all operated by the Anaconda Copper Mining Co.—produced 78 percent of the total silver in 1943. Other large producers included the Emma mine at Butte (all byproduct silver), the Granite-Bimetallic mine (tailings) in Granite County, the St. Joseph Lead Co. property (zinc-lead ore) (closed in October 1943) in Judith Basin County, the Mike Horse mine (zinc-lead ore) in Lewis and Clark County, and the Elkhorn mine dump in Jefferson County.

The total production of silver in Montana, in terms of recovered metals, from 1862 to 1943 inclusive, has been 732,841,398 ounces. Montana has produced more silver (lode and placer combined) than any other State.

NEVADA

Nevada gold production (in terms of recovered metals) in 1943 decreased 51 percent and silver 56 percent in both quantity and value compared with 1942 according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. Higher wages, enlistment of miners in the armed forces, migration of miners to war industries and military construction jobs, rising prices of supplies and equipment and the difficulties in obtaining them, increased taxes, and the fixed prices for gold and silver were all factors in reducing Nevada's precious metal production. In addition the enforcement throughout 1943 of War Production Board Order L–208, which had been promulgated October 8, 1942, resulted in many gold mines being inactive. Gold and silver production would have fallen even lower had it not been for substantial outputs of the precious metals as by-products from base metal mines stimulated by war demands. In 1943 for the first time in the history of the State, more gold was derived from base metal ores than from dry ores.

The output of gold from Nevada ores, re-treated tailings, and gravels in 1943 was 144,442 fine ounces valued at $5,055,470 compared with 295,112 ounces valued at $10,328,920 in 1942. This output was the lowest in both quantity and value since 1934. Production of silver in 1943 was 1,620,280 fine ounces valued at $1,152,199 compared with 3,723,435 ounces valued at $2,647,776 in 1942.

Gold was recovered from the following sources: copper ore, 50 percent; dry gold ore, 35 percent; placer gravel 8 percent; dry gold-silver

ore, 4 percent; and other ores, 3 percent. Metallurgical data show that 56 percent of the State lode gold was recovered by the smelting of concentrates, 36 percent by cyaniding of ore and old tailings, 6 percent by the direct smelting of ore and old tailings, and 2 percent by amalgamation of ore and old tailings. Amalgamation, cyanidation, and direct smelting as gold recovery methods were less important in 1943 than in 1942; the proportion of gold recovered by smelting of concentrates increased greatly.

The principal Nevada gold mines in 1943 listed by operating companies and in order of output, were Kennecott Copper Corporation (Nevada Mines Division), White Pine County (copper ore); Getchell Mine, Inc., Humboldt County (gold ore); Consolidated Coppermines Corporation, White Pine County (copper ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); International Smelting & Refining Co., Lander County (copper ore); Willow Creek Mines, Inc., Lander County (gold ore); Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore); and Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore and old tailings).

Nevada lode silver was recovered from the following sources in 1943: Copper ore, 23 percent; dry silver ore, 21 percent; dry gold-silver ore, 18 percent; lead ore, 18 percent; zinc ore, 16 percent; dry gold ore, 3 percent; and zinc-lead ore, 1 percent. Placer gravels, washed primarily for gold, yielded a small quantity of silver. Smelting of concentrates accounted for 44 percent of the lode silver produced in Nevada in 1943; 35 percent was recovered by direct smelting of ore and old tailings and almost 21 percent by cyanidation of ore and old tailings; a very small quantity of silver was recovered by amalgamation of ore and old tailings.

The principal silver mines in Nevada in 1943, listed by operating companies and in order of output were Combined Metals Reduction Co., Lincoln County (zinc ore and gold-silver ore); Desert Silver, Inc., Esmeralda County (silver ore); Kennecott Copper Corporation (Nevada Mines Division) White Pine County (copper ore); lessees of the Tonopah Mining Co. of Nevada, Nye County (gold-silver ore); Bristol Silver Mines Co., Lincoln County (silver ore); Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore); International Smelting and Refining Co., Lander County (copper ore); Salt Lake-Pioche Mining Co. (financier mine) Lincoln County (lead ore); Rip Van Winkle Consolidated Mining Co., Elko County (lead ore); and Prince Consolidated Mining Co., Lincoln County (lead ore and zinc ore).

NEW MEXICO

Lode and placer mines in New Mexico yielded (in terms of recovered metal) 5,563 fine ounces of gold valued at $194,705 in 1943, according to Charles W. Henderson and R. H. Mote of the United States Department of the Interior, Bureau of Mines. The production of gold, which decreased 53 percent from the 1942 output, is the smallest on record since 1876. The principal gold-producing districts in 1943 were: Central, Grant County, which contributed 49 percent of the State production of recovered gold; Lordsburg, Hidalgo County, 26 percent; Mogollon, Catron County, 13 percent; Steeple Rock, Grant County,

4 percent; Magdalena, Socorro County, 3 percent; and Pinos Altos, Grant County, 2 percent.

Copper ore yielded 37 percent of the State total gold; dry and siliceous ores, 29 percent; zinc ore, 17 percent; lead and zinc-lead ores, 15 percent; and placers 2 percent.

The mine production of recovered silver in New Mexico in 1943 was 463,583 fine ounces, valued at $329,659. The Central district, Grant County, produced 39 percent of the State total in 1943; Lordsburg, Hidalgo County, 18 percent; Magdalena, Socorro County, 14 percent; Mogollon, Catron County, 10 percent; Steeple Rock, Grant County, 5 percent; Pinos Altos, Grant County, 4 percent; San Simon, Hidalgo County, 3 percent; Kingston, Sierra County, 3 percent; Swartz, Grant County, 1 percent; and Burro Mountain, Grant County, 1 percent.

Zinc-lead ore yielded 50 percent of the total silver; copper ore, 22 percent; zinc ore, 14 percent; dry and siliceous ores, 13 percent; and lead and lead-copper ores and a small amount from placer operations, 1 percent.

The total production of gold and silver in New Mexico in terms of recovered metal, as compiled by Charles W. Henderson, from 1848 through 1943, has been 2,166,304 fine ounces of gold valued at $49,154,833 and 66,416,329 fine ounces of silver valued at $51,960,697.

OREGON

Gold production in Oregon in 1943 sank to less than 1 percent of the all-time record set just 3 years earlier (in 1940) and was less than 3 percent of the output in 1942 according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The production of gold from Oregon ores, gravels and re-treated tailings in 1943 was 1,097 fine ounces valued at $38,395 compared with 46,233 ounces valued at $1,618,155 in 1942. The leading Oregon gold producer in 1943 reported an output valued at less than $5,500. Lode mines produced 81 percent of the gold and placers 19 percent, thus reversing a condition of many years standing in which placers had been the principal source of gold. Over 99 percent of Oregon lode gold was recovered from dry and siliceous gold ore; the only other source was copper ore. Metallurgical data show that 47 percent of Oregon lode gold was recovered by direct smelting of ore and old tailings, 31 percent by amalgamation of ore, 17 percent by smelting of flotation concentrates, and 5 percent by cyanidation of ore. Placer mining in Oregon in 1943 was confined to hydraulicking which accounted for 60 percent of the placer gold, small scale hand methods, 25 percent, and drift mining 5 percent; terminal clean-ups at inactive dragline dredges and nonfloating washing plants supplied 10 percent.

Oregon ores, gravels and re-treated tailings in 1943 yielded 10,523 fine ounces of silver, valued at $7,483, compared with 87,376 ounces, valued at $62,134, in 1942; the decrease was 88 percent in both quantity and value. Jefferson County yielded 92 percent of the State total, dry gold ore over 99 percent, and smelting of flotation concentrates 83 percent. The Oregon King mine, Ashwood district, Jefferson County was the principal source of silver in the State in 1943 as in 1942.

SOUTH DAKOTA

Metal mining in South Dakota for the production of gold and silver was limited to Lawrence County in 1943. As a result of the drastic gold mining limitation order, gold mining in the State experienced a severe set-back. In 1943 this region yielded (in terms of recovered metal) 106,444 fine ounces of gold, valued at $3,725,540, and 35,886 fine ounces of byproduct silver, valued at $25,219, according to Charles W. Henderson and Robert V. Cushman of the United States Department of the Interior, Bureau of Mines. The production of gold decreased 80 percent from the 1942 figure and the production of silver decreased 81 percent.

Only two major gold mines were still in operation on January 1, 1943, and these operated only until June 8, 1943, on reprieves granted them by the War Production Board to complete the milling of broken ore in the stopes. No placer gold was produced in South Dakota in 1943.

The largest producing gold mine in the State was the Homestake mine, located at Lead. Curtailed operations, including only the hoisting and milling of 183,246 tons of broken ore of higher grade than that milled in 1942, were carried on from January through May 1943. The ore, treated by amalgamation followed by cyanidation of sands and slimes, yielded 103,675 fine ounces of gold and 21,448 fine ounces of silver, a decrease of 79 percent in the combined value from 1942.

The Bald Mountain Mining Co. at Trojan, the second largest producer of gold and silver in South Dakota in 1943, produced 18,772 tons of ore yielding 2,714 fine ounces of gold and 11,240 fine ounces of silver. The Belle Eldridge Gold Mines, Inc., operated its group of claims near Deadwood continuously throughout 1943 and recovered gold and silver as a byproduct from base-metal mining.

The total production of gold and silver, in terms of recovered metals, in South Dakota from the beginning of production in 1876 through 1943, as compiled by Charles W. Henderson, has been 20,666,485 fine ounces of gold, valued at $504,924,184, and 9,569,099 fine ounces of silver, valued at $6,807,080.

TEXAS

Mines in Texas produced (in terms of recovered metal) 4 fine ounces of gold, valued at $140, and 10,284 fine ounces of silver, valued at $7,313, in 1943, according to Charles W. Henderson and R. H. Mote of the United States Department of the Interior, Bureau of Mines. Compared with 1942 the output of gold and silver both decreased 98 per cent in quantity and value.

From 1885 through 1942 silver has been the principal metal produced in Texas, and most of the output has come from the Presidio mine at Shafter, Presidio County. This property ceased operations in September 1942; soon afterward all equipment at the property was dismantled and sold. The silver produced in 1943 came largely from the Hazel mine in Culberson County and the Plata Verde mine in Hudspeth County. The total State production of gold and silver, in terms of recovered metal, from 1885 through 1943, as compiled by Charles W. Henderson, has been 8,281 fine ounces of gold, valued at $223,780, and 33,196,821 fine ounces of silver, valued at $23,360,028, most of the silver (30,293,606 ounces) coming from the Presidio mine.

UTAH

The total value of the gold, silver, copper, lead, and zinc produced from Utah ores and gravels in 1943 was the greatest in the history of the State and exceeded that of any other State in the Union, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. This value was, in terms of recoverable metal, $124,562,540 compared with $113,552,848 in 1942, a 10-percent gain.

The production of gold in Utah in 1943 exceeded that of any other State, although virtually all the mines active in Utah in 1943 were primarily base-metal mines. The production in 1943 was 390,470 fine ounces, compared with 391,544 ounces (highest in the State's history) in 1942. Base-metal ores yielded 92 percent of the State total and siliceous ores virtually all the rest; placer-gold production was negligible. The gold-mine closing order issued in October 1942 has had little effect on the Utah gold production; however, the order has made it more difficult for the smelters in the Salt Lake Valley to meet the requirements of silica for flux. Only two mines producing gold ore in quantity were active in 1943; and these, because of the siliceous nature of their ore, had received permission from the War Production Board to remain in operation. Copper ore furnished 79 percent of the State gold, and siliceous ores 8 percent; the remainder came from zinc-lead ore, slag, lead ore, zinc ore, zinc-lead-copper ore, lead-copper ore, and placers. Ores of the Bingham district, by far the most important gold-producing area in Utah, yielded 343,551 ounces—a gain of 16,293 ounces compared with 1942; however, this gain did not offset the losses from the Park City region, the Tintic district, and the Camp Floyd district (in Tooele County). The gain in the Bingham district was the result of the extraordinarily large production of by-product gold from operations at the Utah Copper Co. and of smaller gains from the National Tunnel & Mines Co. and the Boston Consolidated properties. The Tintic district produced 22,470 ounces and was second in importance as a gold producer; the decrease in 1943 from 1942 was due to the producing of a smaller quantity of siliceous ore. The Park City region, third in importance in the State, in 1943 produced 19,559 ounces of gold, a decline of 3,376 ounces compared with 1942. Gains at the New Park Mining Co. did not offset losses at the Silver King Coalition Mines Co. and the Park Utah Consolidated Mines Co. Tooele County showed a notable decrease in 1943, as the gold mines in the Camp Floyd district produced a much smaller quantity of gold than in recent years. Ores of all classes treated in concentrating mills yielded 90 percent of the State total gold and ore shipped direct to smelters, slag-fumed and placers the rest.

The Utah Copper Co. produced about 79 percent of the State production of gold and was followed by the United States & Lark mines at Bingham, the New Park Mining Co. property in the Park City region, the Tintic Bullion property in the Tintic district, the Boston Consolidated property in the Bingham district, the Eureka Bullion property in the Tintic district, the Mammoth mine in the Tintic district, and the Tintic Standard mine in the Tintic district; these eight properties produced 95 percent of the State total.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1943, inclusive, has been 9,840,243 ounces.

The output of recoverable silver in Utah in 1943 was 9,479,340 fine ounces, a decrease of 10 percent compared with 1942. Production from mines in the Bingham district was slightly more and in Tooele County considerably more than in 1942, but substantial decreases were noted in the Park City region and the Tintic district. Zinc-lead, zinc, and zinc-lead-copper ores yielded 48 percent of the State total; copper ores, 31 percent; siliceous ores, 16 percent; and lead and lead-copper ores, 5 percent. Ore concentrated yielded 79 percent of the State total and crude ore shipped direct to smelters virtually all the remainder. The Bingham district continued to be the chief source of silver; it was followed by the Park City region, the Tintic district, and Tooele County.

The Utah Copper mine was again the chief silver producer in the State, followed by the United States & Lark, Silver King Coalition, Tintic Standard, Mayflower, Park Utah Consolidated group of properties, Calumet, Harold (dump), and Chief Consolidated group of properties; these properties produced 87 percent of the State output of silver.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1943, inclusive, has been 701,354,446 ounces.

WASHINGTON

Washington mines yielded gold, silver, copper, lead, and zinc valued, in terms of recoverable metals, at $7,838,012 in 1943 compared with $8,172,609 in 1942, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines; the output of silver and lead showed slight gains, whereas the output of each of the other metals decreased. The average prices paid for copper, lead, and zinc were considerably higher than in 1942, which tended to maintain a total value of metal output about equivalent to that in 1942. The decrease in gold output in 1943 was caused by the closing of nearly all the gold mines in the State. As in former years, copper was derived almost entirely from the Holden property of the Howe Sound Co., in Chelan County; although the tonnage of ore treated was greater than in 1942, it had a lower copper, gold, silver, and zinc content. The decreased production of zinc and the gain in output of lead was the net result of the treatment of a smaller tonnage of zinc-lead ore in Pend Oreille County, having a lower zinc but a higher lead content than in 1942. The Pend Oreille Mines & Metals Co. was again the leading producer of both lead and zinc in the State.

The output of recoverable gold from lode and placer operations in Washington in 1943 was 65,244 fine ounces, a 13-percent decrease from the output in 1942. Nearly all the gold-producing mines in the State had closed by midyear 1943; those remaining open had received special dispensation from the War Production Board because of their importance as a flux producer or peculiar conditions of operation.

This, in addition to the lowering in the gold content of the ores treated by the Howe Sound Co., was the reason for the decline in gold production in the State. The Holden property of the Howe Sound Co., producing gold as a byproduct of the production of copper and zinc, was again the largest gold producer in the State and supplied about 64 percent of the State total. It was followed by the Knob Hill Mines, Inc., which treated gold ore from its Knob Hill mine in Ferry County throughout 1943 by cyanidation and concentration. These two properties accounted for over 96 percent of the State total output. Other gold-producing properties included the Aurum and Valley mines, both in the Republic district, Ferry County. The total gold output was 61,002 tons in 1943 compared with 93,957 tons in 1942 and was treated as follows: 51,135 tons cyanided and 9,867 tons shipped crude to smelters. Placers yielded 116 ounces of gold.

The total production of gold, in terms of recoverable metals, from 1860 to 1943, inclusive, has been 2,022,365 ounces.

The output of recoverable silver in Washington was slightly greater in 1943 than in 1942; gains in output from mines in Ferry, Okanogan, and Whatcom Counties more than offset losses in other silver-producing counties. The principal production came from mines in Ferry, Chelan, Okanogan, and Stevens Counties; mines in Ferry and Chelan Counties produced 85 percent of the State total. Gold ore yielded 47 percent of the total silver; zinc-copper ore, 38 percent; zinc-lead ore, 11; zinc, lead, copper, silver, and gold-silver ores, and placers, the remainder. The Knob Hill property of Knob Hill Mines, Inc., in Ferry County was the largest silver producer in the State; it was followed by the Holden property of the Howe Sound Co. in Chelan County and the Kaaba property of the Kaaba-Texas Co. in Okanogan County; these three properties furnished 91 percent of the State total silver. Other producers of silver were the Aurum property in Ferry County, the Sierra Zinc Co. property in Stevens County, and the Pend Oreille Mines & Metals Co. property in Pend Oreille County. A placer mine yielded the 17 fine ounces of silver.

The total production of silver in terms of recoverable metals, from 1860 to 1943, inclusive, has been 11,962,368 ounces.

WYOMING

There was no production of gold or silver from either lode or placer mines in Wyoming in 1943, according to Charles W. Henderson and Robert V. Cushman of the United States Department of the Interior, Bureau of Mines. Gold mining in the State had virtually ceased by the end of 1942 as a result of wartime conditions. The total production of gold and silver in Wyoming, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1867 through 1943, has been 77,914 fine ounces of gold valued at $1,835,318 and 74,632 fine ounces of silver valued at $51,752.

Distribution of the gold and silver production of the United States, in fine ounces, for 1943, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating connected-bucket dredges	All other			
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alaska	57,472	18,554	23,557	42,736		52
Arizona	171,491		319	386,223	960,663	4,367,003
California	58,903	66,999	22,426	149,118	412,743	47,214
Colorado	137,037		521	1,628,763	1,023,272	12,107
Georgia			12			
Idaho	30,553		255	4,828,460	6,863,205	8,515
Illinois					[3] 2,153	
Michigan						48,479
Missouri					111,285	
Montana	45,514	13,579	493	1,301,450	1,136,112	6,012,808
Nevada	133,213	10,794	435	686,144	569,024	365,112
New Mexico	5,471		92	61,644	301,436	100,503
New York					38,004	
North Carolina	131					7,169
Oregon	889		208	10,520		3
Pennsylvania	2,218					[4] 13,095
South Carolina	147			135		
South Dakota	106,444			32,688	3,198	
Tennessee	303					52,058
Texas	4			10,031	155	98
Utah	390,466		4	1,502,701	5,059,400	2,917,239
Vermont	17					2,721
Virginia	50				14,947	
Washington	65,128		116	174,031	195,290	1,119
Total	1,205,451	109,926	48,438	10,814,644	16,690,887	13,955,295

[1] Contains small quantity of silver from placer mines (17,121 fine ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Includes small quantity of silver from galena concentrates, a byproduct of fluorspar mining.
[4] From copper concentrates from magnetite-pyrite-chalcopyrite ore.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1942 and 1943, with the decrease in each for the latter year

State and Territory	Gold production [1]				Decrease 1943 over 1942
	1942		1943		
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*
Alaska	503,040	$17,606,400	109,707	$3,839,745	393,333
Alabama	1	35			1
Arizona	256,521	8,978,235	174,164	6,095,740	82,357
California	894,148	31,295,180	148,877	5,210,695	745,271
Colorado	289,623	10,136,805	134,254	4,698,890	155,369
Georgia	27	945	10	350	17
Idaho	98,795	3,457,825	29,759	1,041,565	69,036
Montana	156,557	5,479,495	61,359	2,147,565	95,198
Nevada	299,876	10,495,660	140,853	4,929,855	159,023
New Mexico	17,446	610,610	11,161	390,635	6,285
North Carolina	4,396	153,860	137	4,795	4,259
Oregon	50,718	1,775,130	2,406	84,210	48,312
Pennsylvania	2,648	92,680	2,222	77,770	426
South Carolina	8,102	283,570	162	5,670	7,940
South Dakota	535,461	18,741,135	113,616	3,976,560	421,845
Tennessee	129	4,515	193	6,755	+64
Texas	277	9,695	131	4,585	146
Utah	390,700	13,674,500	382,445	13,385,575	8,255
Vermont			9	315	+9
Virginia	99	3,465	24	840	75
Washington	74,481	2,606,835	69,267	2,424,345	5,214
Wyoming	35	1,225	2	70	33
Philippine Islands	158,726	5,555,410	13,764	481,740	144,962
Total	3,741,806	130,963,210	1,394,522	48,808,270	2,347,284

[1] For method of calculation, see p. 42.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1942 and 1943, with the increase and decrease in each for the latter year

State and Territory	Silver production [1]				Increase 1943	Decrease 1943
	1942		1943			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	143,100	$101,760	45,741	$32,527		97,359
Arizona	6,982,808	4,965,552	5,623,678	3,999,060		1,359,130
California	1,480,560	1,052,843	576,826	410,187		903,734
Colorado	3,964,072	2,818,896	2,670,492	1,899,017		1,293,580
Georgia	3	2				3
Idaho	14,195,091	10,094,287	11,420,154	8,120,998		2,774,937
Illinois	283	201	395	281	112	
Michigan	54,227	38,561	61,726	43,894	7,499	
Missouri	27,533	19,579	39,108	27,810	11,575	
Montana	10,897,784	7,749,535	8,164,453	5,805,833		2,733,331
Nevada	4,339,118	3,085,595	1,824,149	1,297,173		2,514,969
New Mexico	893,360	635,278	456,485	324,612		436,875
New York	37,306	26,528	(2)	(2)		[2] 37,306
North Carolina	8,297	5,900	7,428	5,282		869
Oregon	137,947	98,095	30,990	22,037		106,957
Pennsylvania	18,577	13,210	14,507	10,316		4,070
South Carolina	5,254	3,736	139	99		5,115
South Dakota	192,121	136,619	43,745	31,108		148,376
Tennessee	33,161	23,581	47,802	33,993	14,641	
Texas	791,039	562,517	60,109	42,744		730,930
Utah	11,276,521	8,018,859	9,295,245	6,609,952		1,981,276
Vermont			1,449	1,030	1,449	
Virginia	31	22	9,758	6,939	9,727	
Washington	381,458	271,259	400,189	284,579	18,731	
Wyoming	7	5				7
Philippine Islands	231,197	164,407	26,071	18,539		205,126
Total	56,090,855	39,886,830	40,820,639	29,028,010		15,270,216
Net decrease						

[1] For method of calculation, see p. 42.
[2] Silver mined in New York during 1943 will appear in refinery data for 1944.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value
1792 to July 31, 1834	677, 250	$14, 000, 000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	$253, 400
1845	48, 762	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50. 300
1847	43. 005	889, 000	38, 700	50. 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50. 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851–55	14, 270, 625	295, 000, 000	193, 500	259, 400
1856–60	12, 384, 000	256, 000, 000	309, 400	418, 300
1861–65	10, 716, 271	221. 525. 000	28, 810. 600	38, 674, 300
1866–70	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 789, 100	23, 588, 300
1872	1. 741, 500	36, 000, 000	22, 236. 300	29. 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 568, 200	157, 749, 900
1873–75	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876–80	10, 300, 633	212, 933, 000	157, 680, 500	182. 506. 400
1881–85	7, 730, 372	159, 801, 000	182, 840, 700	202, 806, 600
1886–90	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891–95	9, 106, 834	188, 255, 000	287, 057, 000	227, 960, 100
1896–1900	15, 728, 572	325, 138, 400	279, 544, 300	172, 688, 800
1901–05	19, 393, 722	400, 903, 800	278, 798. 400	159, 543, 400
1906–10	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 520, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 299, 784	88, 884, 400	66, 801, 500	40, 348, 100
1914	4, 572, 976	94, 531, 800	72, 455, 100	40, 067, 700
1915	4, 887, 604	101. 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92. 590, 300	74, 414, 802	48, 953, 000
1917	4, 051, 440	83, 750, 700	71, 740, 362	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	66, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 573	60, 801, 955
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 075	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 502, 632	51, 734. 000	73, 335, 170	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45. 911, 864
1926	2, 335, 042	48, 269, 600	62, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60. 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 507	34, 200. 567
1929	2, 208, 386	45, 651, 400	61. 327, 868	32, 687, 754
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 029
1931	2, 395, 878	49. 527, 200	30. 932, 050	8, 970, 294
1932	2, 449, 032	50, 626, 000	23, 980, 773	6, 762, 578
1933	2, 556, 246	52, 842, 300	23, 002, 629	8, 050, 920
1934	3, 091, 183	108, 191, 400	32, 725, 353	[2] 21, 155, 784
1935	3, 609, 283	126, 324, 900	45, 924, 454	[2] 33, 008, 201
1936	4, 357, 394	152, 508, 800	63, 812, 176	[2] 49, 422, 530
1937	4, 804, 540	168, 158, 900	71, 941, 794	[2] 55, 646, 978
1938	5, 089, 811	178, 143, 400	62, 665, 335	[3] 40, 510, 924
1939	5, 611, 171	196, 391, 000	65, 119, 513	[3] 44, 202, 279
1940	6, 003, 105	210, 108, 700	69, 585, 734	[3] 49, 483, 189
1941	5, 976, 419	209, 174, 600	72, 336, 029	[3] 51. 438, 954
1942	3, 741, 806	130, 963, 200	56, 090, 855	[3] 39, 886, 830
1943	1, 394, 522	48, 808, 270	40, 820, 639	[3] 29, 028, 010
Total	213, 094, 557	5, 030, 896, 770	3, 707, 343, 188	2, 784, 238, 688
Grand total	272, 561, 505	6, 260, 183, 770	3, 826, 220, 888	2, 942, 393, 088

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver: in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

[3] Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, $0.6464+, in 1939 $0.6787+, since 1940 at $0.7111+.

Gold and silver issued for use in arts and industries during the calendar year 1943 [1]

Item	Issued by—	Gold (value)	Silver (fine ozs.)
Bullion	Mints and assay offices	$17,502,973	382,849
Bullion in various forms	Private refiners and dealers	79,361,380	161,652,670
United States coin [2]	Banks, etc		77,344
Total		96,864,353	162,112,863
Old jewelry, plate, scrap, etc., contained in private refineries and dealers' returns, and that returned to monetary use.		10,521,000	32,172,177
Net new material used in industry		86,343,353	129,940,686

[1] For explanation of calculation, see p. 42.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Mint Issue of Fine Gold Bars for Industrial Use, 1943

(On value basis; see p. 42)

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1943, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1943:		1943—Continued	
January	$1,772,099.08	September	$700,183.25
February	2,704,388.73	October	1,755,982.84
March	1,375,637.14	November	2,344,370.35
April	1,301,143.75	December	2,477,815.75
May	710,921.33		
June	1,716,526.48	Total	17,502,972.52
July	162,470.05		
August	481,433.77	Prior calendar year	7,996,775.42

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD[1]

Calendar year	Total issues	Old material returned from manufactures and the arts[2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881-85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886-90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891-95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896-1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901-05	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906-10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911-15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	1,000,000	−7,489,667
1933	17,013,260	22,805,960	−5,792,700	100,000	−5,892,700
1934	14,232,795	75,927,285	−61,694,490		−61,694,490
1935	25,929,497	58,390,675	−32,461,178		−32,461,178
1936	32,967,937	35,875,770	−2,907,833		−2,907,833
1937	39,622,338	36,407,945	3,214,393		3,214,393
1938	30,156,754	30,480,835	−324,081		−324,081
1939	38,788,960	31,328,360	7,460,600		7,460,600
1940	41,178,387	27,872,355	13,306,032		13,306,032
1941	67,977,110	30,975,490	37,001,620		37,001,620
1942	75,742,495	28,447,685	47,294,810		47,294,810
1943	96,864,353	10,521,000	86,343,353		86,343,353
Total	2,269,704,097	1,046,298,031	1,223,406,066	138,975,000	1,084,431,066

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Treated as having priority as regards issue or reissue.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880—Continued

SILVER

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2, 793, 929	203, 540	2, 590, 389	464, 063	2, 126, 326
1881–85	20, 773, 758	1, 573, 954	19, 199, 804	773, 435	18, 426, 369
1886–90	28, 307, 646	3, 378, 303	24, 929, 343	773, 435	24, 155, 908
1891–95	39, 985, 973	4, 754, 381	35, 231, 592	541, 406	34, 690, 186
1896–1900	51, 070, 576	5, 998, 567	45, 072, 009	386, 720	44, 685, 289
1901–05	97, 627, 723	15, 007, 946	82, 619, 777	386, 720	82, 233, 057
1906–10	122, 764, 809	18, 342, 642	104, 422, 167	386, 720	104, 035, 447
1911–15	152, 221, 115	34, 641, 952	117, 579, 163	386, 720	117, 192, 443
1916	32, 103, 507	9, 899, 246	22, 204, 261	77, 344	22, 126, 917
1917	27, 039, 845	11, 041, 038	15, 998, 807	77, 344	15, 921, 463
1918	36, 252, 596	9, 530, 263	26, 722, 333	77, 344	26, 644, 989
1919	32, 700, 521	6, 463, 002	26, 237, 519	77, 344	26, 160, 175
1920	27, 974, 521	8, 694, 392	19, 280, 129	77, 344	19, 202, 785
1921	35, 867, 946	7, 024, 318	28, 843, 628	77, 344	28, 766, 284
1922	37, 910, 099	6, 623, 568	31, 286, 531	77, 344	31, 209, 187
1923	36, 824, 977	8, 469, 806	28, 355, 171	77, 344	28, 277, 827
1924	33, 594, 816	8, 930, 580	24, 664, 236	77, 344	24, 586, 892
1925	39, 826, 579	9, 897, 416	29, 929, 163	77, 344	29, 851, 819
1926	39, 408, 393	10, 000, 792	29, 407, 601	77, 344	29, 330, 257
1927	38, 648, 717	10, 155, 427	28, 493, 290	77, 344	28, 415, 946
1928	35, 547, 663	10, 616, 380	24, 931, 283	77, 344	24, 853, 939
1929	42, 359, 082	11, 381, 523	30, 977, 559	77, 344	30, 900, 215
1930	36, 343, 207	9, 468, 829	26, 874, 378	77, 344	26, 797, 034
1931	33, 682, 119	9, 346, 281	24, 335, 838	77, 344	24, 258, 494
1932	24, 257, 967	9, 796, 956	14, 461, 011	77, 344	14, 383, 667
1933	29, 343, 451	18, 532, 880	10, 810, 571	77, 344	10, 733, 227
1934	39, 678, 603	28, 186, 178	11, 492, 425	77, 344	11, 415, 081
1935	41, 192, 023	25, 903, 107	5, 288, 916	77, 344	5, 211, 572
1936	35, 842, 674	16, 703, 353	19, 139, 321	77, 344	19, 061, 977
1937	51, 292, 270	23, 564, 986	27, 727, 284	77, 344	27, 649, 940
1938	38, 620, 473	18, 438, 847	20, 181, 626	77, 344	20, 104, 282
1939	69, 585, 265	24, 972, 260	44, 613, 005	77, 344	44, 535, 661
1940	67, 062, 632	22, 563, 729	44, 498, 903	77, 344	44, 421, 559
1941	92, 793, 574	20, 361, 256	72, 432, 318	77, 344	72, 354, 974
1942	131, 419, 224	30, 020, 529	101, 398, 695	77, 344	101, 321, 351
1943	162, 112, 863	32, 172, 177	129, 940, 686	77, 344	129, 863, 342
Total	1, 864, 831, 136	512, 660, 404	1, 352, 170, 732	6, 264, 851	1, 345, 905, 881

[2] Treated as having priority as regards issue or reissue.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction

of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, considering only coins of the type commonly in circulation, the amounts coined, and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1944

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,518	1,837	692	2,809	438	7,294
Transfers	136					136
Intermint transfers	41	3	8	1		53
Trust deposits	7			2		9
Total deposit transactions	1,702	1,840	700	2,812	438	7,492
Deposit assay determinations:						
Purchases	1,549	5,040	918	3,928	487	11,922
Transfers	135					135
Intermint transfers	1,701	3	105	147		1,956
Trust deposits				9		9
Total deposit assay determinations	3,385	5,043	1,023	4,084	487	14,022

Number of gold and silver deposit transactions and assay determinations during the calendar year 1943

Item	Philadelphia	San Francisco	Denver	New York	Seattle	Total
Deposit transactions:						
Purchases	1,726	2,144	890	3,481	593	8,834
Transfers	65					65
Intermint transfers	63	3	19	1		86
Trust deposits	5	3		3		11
Total deposit transactions	1,859	2,150	909	3,485	593	8,996
Deposit assay determinations:						
Purchases	1,868	5,625	1,130	4,158	669	13,450
Transfers	65					65
Intermint transfers	3,224	3	241	108		3,576
Trust deposits	12	3		377		392
Total deposit assay determinations	5,169	5,631	1,371	4,643	669	17,483

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Deposits and purchases of gold during

[On quantity basis,

Source and description	Philadelphia
PRIMARY RECEIPTS	
DOMESTIC—Mine source:	*Fine ounces*
Alaska	
Arizona	
California	
Colorado	
Georgia	13.968
Idaho	
Montana	
Nevada	
New Mexico	
Oregon	
South Carolina	
South Dakota	
Washington	
Philippine Islands	
Grains Receiving Division	
Operative recoveries	25.682
	190.054
Total newly mined unrefined	229.704
DOMESTIC—Newly mined (domestic refinery product):	
Less than 0.995 fine	
0.995 fine and over	
Total newly mined domestic	229.704
DOMESTIC—Other:	
Secondary	25,520.271
Domestic coin:	
Purchased	14.689
From Treasury and Federal Reserve banks	19,272.345
Total domestic	45,037.009
IMPORTS:	
Bullion unrefined	
Bullion refined:	
From domestic refineries	
Other	
Secondary	
Foreign coin	2.759
Domestic coin	34.568
Total imports	37.327
Total primary receipts	45,074.336
REDEPOSITS	
From Treasury and Federal Reserve banks	9.472
Total redeposits	9.472
Total acquisitions	45,083.808
INTERMINT TRANSFERS	
Refined bars	
Unrefined bars	
Proof bullion	27,999.880
Total intermint transfers	
Grand total—fine ounces	27,999.880
	73,083.688
VALUE:	
Purchases at $20.67+ per ounce	*Value*
Increment to $35.00 per ounce	$2,167.56
Purchases at $35.00 per ounce	1,501.83
Domestic coin from other Treasury offices (melted)	899,731.95
Intermint transfers	674,532.13
Total value at $35.00 per ounce	979,995.80
	2,557,929.27

the fiscal year ended June 30, 1944

see p. 42]

San Francisco	Denver	New York	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
131.128	44.006	460.967	60,131.064	60,767.165
307.635	3.669			311.304
76,999.064			14.376	77,013.440
	51,169.008	1.347		51,170.355
				13.968
5,086.214	25.158		318.298	5,429.670
2.057	9,212.095		5,340.263	14,554.415
40,574.832			9,887.508	50,462.340
40.669	75.349			116.018
288.522	10.222		76.726	375.470
		2.957		2.957
	10,708.569			10,708.569
8.928			1,939.398	1,948.326
4,128.635				4,128.635
10.010	6.400	15.442	7.558	65.092
1,365.534	18.766	368.114		1,942.468
128,943.228	71,273.242	848.827	77,715.191	279,010.192
			2,543.632	2,543.632
50,822.793		158,555.517		209,378.310
179,766.021	71,273.242	159,404.344	80,258.823	490,932.134
7,725.904	9,590.845	51,725.299	1,739.476	96,301.795
6.455	20.870	54 693	.169	96.876
	17,130.527			36,402.872
187,498.380	98,015.484	211,184.336	81,998.468	623,733.677
77,905.769		249,990.680		327,896.449
10,325.721		55,930.160	6.139	66,262.020
77,049.878		544,382.345		621,432.223
	.062	10.238		13.059
5.116	25.361	1,616.594		1,681.639
	.724			.724
165,286.484	26.147	851,930.017	6.139	1,017,286.114
352,784.864	98,041.631	1,063,114.353	82,004.607	1,641,019.791
31,090.759				31,100.231
31,090.759				31,130.231
383,875.623	98,041.631	1,063,114.353	82,004.607	1,672,120 022
		29,625,699.843		29,653,699.723
	55,897.700	28,403.211		84,305.911
50.000				50.000
50.000	55,897.700	29,654,103.054		29,738,055.634
383,925.623	153,939.331	30,717,222.407	82,004.607	31,410,175.656
Value	*Value*	*Value*	*Value*	*Value*
$506.02	$1,052.62	$7,011.75	$26.18	$10,764.13
350.74	729.57	4,859.17	18.13	7,459.44
13,434,790.08	2,830,106.44	37,197,131.25	2,870,116.96	57,231,876.68
	599,568.44			1,274,100.57
1,750.00	1,956,419.51	1,037,893,781.90		1,040,831,947.21
13,437,396.84	5,387,876.58	1,075,102,784.07	2,870,161.27	1,099,356,148.03

Deposits and purchases of silver during

[On quantity

Source and description	Philadelphia
PRIMARY RECEIPTS	
DOMESTIC—Mine source:	*Fine ounces*
Alaska	
Arizona	
California	
Colorado	
Georgia	0.16
Idaho	
Montana	
Nevada	
New Mexico	
Oregon	
South Carolina	
South Dakota	
Washington	
Philippine Islands	
Grains Receiving Division	35.73
Operative recoveries	5,716.60
Total newly mined unrefined	5,752.49
DOMESTIC—Newly mined (domestic refinery product):	
Less than 0.996 fine	1,956.46
0.996 fine and over	
Total newly mined domestic	7,708.95
DOMESTIC—Other:	
Secondary	11,591.11
Domestic coin:	
Purchased	2,297.15
From Treasury	817,982.99
Melting unfit silver dollars	6,956,563.70
Total domestic	7,796,143.90
IMPORTS:	
Bullion, unrefined	
Bullion, refined—Domestic refined	
Secondary	.42
Foreign coin	
Total imports	.42
Total primary receipts	7,796,144.32
REDEPOSITS	
From Treasury and Federal Reserve banks	
From other sources	
Total redeposits	
Total acquisitions	7,796,144.32
INTERMINT TRANSFERS	
Refined bars	8,931,334.26
Unrefined bars	
Proof bullion	
Assay coin	1,864.42
Total intermint transfers	8,933,198.68
DEPOSITED IN TRUST	
Imported bullion	
From United States by Lend-Lease	53,001,731.49
Total deposited in trust	53,001,731.49
Grand total—fine ounces	69,731,074.49
VALUE:	*Value*
Cost of acquisitions	$10,093.81
Cost of bullion transferred	9,152,550.23
Subsidiary coining value of transferred domestic coin	1,133,364.32
Subsidiary coining value of melted unfit dollars	9,616,815.20
Monetary value (at $1.29+ per fine ounce) of bullion transferred	11,549,994.24
Monetary value (at $1.29+ per fine ounce) of silver acquired	27,924.21

the fiscal year ended June 30, 1944

basis, see p. 42]

San Francisco	Denver	New York	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
22.16	3.92	0.97	10,302.90	10,329.95
736.06	3.61			739.67
14,155.39			1.19	14,156.58
	28,130.65	.27		28,130.92
				.16
2,615.42	10.90		110.24	2,736.56
.18	950.14		1,024.74	1,975.06
155,529.78			3,866.75	159,396.53
11.09	19.52			30.61
41.30	1.40		18.53	61.23
		.36		.36
	2,631.85			2,631.85
1.69			10,610.21	10,611.90
1,760.45				1,760.45
15.83	5.06	4.86	2.91	64.39
197,051.35	2,508.08	14,653.90		219,929.93
371,940.70	34,265.13	14,660.36	25,937.47	452,556.15
			7.84	1,964.30
406,773.45				406,773.45
778,714.15	34,265.13	14,660.36	25,945.31	861,293.90
37,761.30	8,314.69	78,126.87	689.90	136,483.87
				3,826.70
902.33	575.72	51.50		1,125,787.28
83,349.10	224,455.19			33,152,082.31
10,720,724.73	9,004,969.97	6,469,823.91		
11,621,451.61	9,272,580.70	6,562,662.64	26,635.21	35,279,474.06
				66,026.28
13,878.10		52,148.18		145,084.88
		145,084.88		1.60
	.02	1.16		2.55
	.04	2.51		
				211,115.31
13,878.10	.06	197,236.73		
11,635,329.71	9,272,580.76	6,759,899.37	26,635.21	35,490,589.37
		10,829,307.47		10,829,307.47
				10,829,307.47
		10,829,307.47		
11,635,329.71	9,272,580.76	17,589,206.84	26,635.21	46,319,896.84
				8,931,334.26
				177,825.46
	14,727.18	163,098.28		250.00
	100.00	50.00		1,864.42
100.00				
				9,111,274.14
100.00	14,827.18	163,148.28		
				337,805.19
		254,790.36		58,243,550.78
83,014.83				
3,896,363.63	1,345,455.66			58,581,355.97
		254,790.36		
3,979,378.46	1,345,455.66			
15,614,808.17	10,632,863.60	18,007,145.48	26,635.21	114,012,526.95
Value	*Value*	*Value*	*Value*	*Value*
$522,057.43	$26,431.31	$5,180,468.60	$18,461.38	$5,757,512.53
45.04	10,055.73	76,135.06		9,238,786.06
115,222.50	310,288.85			1,558,875.67
14,820,424.71	12,448,550.15	8,943,941.80		45,829,731.86
129.28	19,170.49	210,939.19		11,780,233.20
1,074,755.08	55,797.14	14,376,575.91	34,437.44	15,569,489.78

Deposits and purchases of gold

[On quantity

Source and description	Philadelphia
PRIMARY RECEIPTS	
DOMESTIC—Mine source:	*Fine ounces*
Alaska	
Arizona	
California	
Colorado	
Georgia	
Idaho	9.749
Montana	
Nevada	
New Mexico	
Oregon	
South Carolina	
South Dakota	
Utah	
Washington	
Wyoming	
Philippine Islands	
Grains Receiving Division	
Operative recoveries	34.682
	190.054
Total newly mined, unrefined	234.485
DOMESTIC—Newly mined (domestic refinery product):	
Less than 0.995 fine	
0.995 fine and over	
Total newly mined, domestic	
DOMESTIC—Other:	234.485
Secondary	
Domestic coin:	31,953.439
Purchased	
From Treasury and Federal Reserve banks	18.325
Total Domestic	
	32,206.249
IMPORTS:	
Bullion unrefined	
Bullion refined:	
From domestic refineries	
Other	
Secondary	
Foreign coin	2.759
	73.548
Total imports	76.307
Total primary receipts	32,282.556
REDEPOSITS	
From Treasury and Federal Reserve banks	
From other sources	9.002
Total redeposits	
Total acquisitions	9.002
	32,291.558
INTERMINT TRANSFERS	
Refined bars	
Unrefined bars	
Proof bullion	
Total intermint transfers	
Grand total—fine ounces	
	32,291.558
VALUE:	
Purchases at $20.67+ per ounce	*Value*
Increment to $35 per ounce	$2.455.48
Purchases at $35 per ounce	1,699.99
Domestic coin from others: Treasury offices (melted)	1,126,049.53
Intermint transfers	
Total value at $35 per ounce	
	1,130,205.00

during the calendar year 1943

basis, see p. 42]

San Francisco	Denver	New York	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
167.006	44.006	530.448	95,578.462	96,319.922
3,496.795	2.718			3,499.513
83,881.290			189.166	84,070.456
	63,598.702	1.347		63,600.049
				9.749
8,923.209	122.634		435.655	9,481.498
4.529	12,190.813		6,769.416	18,964.758
43,532.334	.783		11,116.654	54,649.771
	148.503			148.503
537.711			148.197	685.908
		2.957		2.957
	113,163.792			113,163.792
	23.194			23.194
			2,129.717	2,129.717
	2.072			2.072
8,037.983				8,037.983
22.975	39.433	14.682	14.383	126.155
622.754	691.563	609.704	25.487	2,139.562
149,226.586	190,028.213	1,159.138	116,407.137	457,055.559
			2,039.598	2,039.598
94,969.704	1,809.686	166,995.007		263,774.397
244,196.290	191,837.899	168,154.145	118,446.735	722,869.554
8,123.015	13,236.670	57,381.257	2,121.142	112,815.523
33.355	18.573	656.371	.169	726.793
252,352.660	205,093.142	226,191.773	120,568.046	836,411.870
93,085.474		279,770.802	52.736	372,909.012
14,128.911	186.381	45,606.432		59,921.724
		344,804.234		344,804.234
		25.517		23.276
10.235	23.851	2,413.130	.229	2,520.993
107,224.620	210.232	672,620.115	52.965	780,184.239
359,577.280	205,303.374	898,811.888	120,621.011	1,616,596.109
				9.002
				9.002
359,577.280	205,303.374	898,811.888	120,621.011	1,616,605.111
				191,708.628
	139,538.833	52,169.795		50.000
50.000				
50.000	139,538.833	52,169.795		191,758.628
359,627.280	344,842.207	950,981.683	120,621.011	1,808,363.739
Value	*Value*	*Value*	*Value*	*Value*
$1,073.46	$970.74	$18,277.37	$30.91	$22,807.96
744.03	672.83	12,667.64	21.42	15,805.91
12,583,387.32	7,183,974.55	31,427,472.59	4,221,683.79	56,542,567.78
				6,711,552.00
1,750.00	4,883,859.17	1,825,942.83		
12,586,954.81	12,069,477.29	33,284,360.43	4,221,736.12	63,292,733.65

Deposits and purchases of silver

[On quantity

Source and description	Philadelphia
PRIMARY RECEIPTS	
DOMESTIC—Mine source:	*Fine ounces*
Alaska	
Arizona	
California	
Colorado	
Idaho	
Montana	
Nevada	
New Mexico	
Oregon	
South Carolina	
South Dakota	
Utah	
Washington	
Wyoming	
Philippine Islands	
Grains Receiving Division	
Operative recoveries	43. 20 5, 716. 60
Total newly mined	5, 759. 80
DOMESTIC—Newly mined:	
Less than 0.996 fine	
0.996 fine and over	452, 317. 34
Total, newly mined domestic	458, 077. 14
DOMESTIC—Other:	
Secondary	
Domestic coin:	12, 058. 83
Purchased	
From Treasury	2, 493. 23
Unfit silver dollars, melted	972, 675. 30
	12, 919, 053. 12
Total, domestic	14, 364. 357. 62
IMPORTS:	
Bullion unrefined	
Bullion refined—Domestic refined	
Secondary	
Foreign coin	. 42
Total, imports	. 42
Total, primary receipts	14. 364. 358. 04
INTERMINT TRANSFERS	
Refined bars	22, 222, 413. 21
Unrefined bars	2, 900, 116. 45
Proof bullion	156. 354. 52
Assay coin	2, 713. 31
Total, intermint transfers	25, 281, 597. 49
DEPOSITED IN TRUST	
Imported bullion	
Bullion from domestic refineries	
Foreign coin	116, 927. 41
Miscellaneous	
From United States by Lend-Lease	
Total, deposited in trust	581, 799. 86
Grand total	698, 727. 27
VALUE:	40. 344, 682. 80
	Value
Cost of acquisitions	$330, 185. 16
Cost of bullion transferred	12, 638, 670. 77
Subsidiary coining value of transferred domestic coin	1, 344, 634. 95
Subsidiary coining value of melted unfit dollars	17, 859, 413. 33
Monetary value (at $1.29+ per fine ounce) of bullion transferred	32, 687, 317. 95
Monetary value (at $1.29+ per fine ounce) of silver acquired	611, 076. 68

during the calendar year 1943

basis, see p. 42]

San Francisco	Denver	New York	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
30.09	3.92	0.97	16,170.49	16,205.47
7,910.84	.16			7,911.00
24,140.27			23.92	24,164.19
	22,153.85	.27		22,154.12
4,585.24	41.38		120.22	4,746.84
.35	1,248.05		1,652.18	2,900.58
354,564.86	.11		4,296.52	358,861.49
	416.27			416.27
121.87			28.99	150.86
		.36		.36
	35,901.27			35,901.27
	7.59			7.59
			10,872.01	10,872.01
	.16			.16
4,236.33				4,236.33
39.14	34.55	4.42	3.65	124.96
121,568.56	19,510.31	9,879.12	7.94	156,682.53
517,197.55	79,317.62	9,885.14	33,175.92	645,336.03
	3,497.60		8.48	3,506.08
811,852.39		3,731,636.72		4,995,806.45
1,329,049.94	82,815.22	3,741,521.86	33,184.40	5,644,648.56
30,347.41	7,657.39	156,149.53	863.61	207,076.77
705.43	462.31	57.85	9.01	3,727.83
113,070.04	232,355.28			1,318,100.62
10,720,724.73	8,114,824.22	5,234,955.85		36,989,557.92
12,193,897.55	8,438,114.42	9,132,685.09	34,057.02	44,163,111.70
35,512.20		50,087.42		85,599.62
		230,275.65		230,275.65
		4.25		4.67
	.04	.06		.10
35,512.20	.04	280,367.38		315,880.04
12,229,409.75	8,438,114.46	9,413,052.47	34,057.02	44,478,991.74
				22,222,413.21
	34,645.53	93,332.85		3,028,094.83
		50.00		156,504.52
100.00				2,713.31
100.00	34,645.53	93,382.85		25,409,725.87
		6,041,924.02		6,124,938.85
83,014.83				116,927.41
				266,230.35
266,230.35				1,948.73
1,948.73				5,823,619.15
3,896,363.63	1,345,455.66			
4,247,557.54	1,345,455.66	6,041,924.02		12,333,664.49
16,477,067.29	9,818,215.65	15,548,359.34	34,057.02	82,222,382.10
Value	*Value*	*Value*	*Value*	*Value*
$930,189.92	$53,349.26	$2,827,605.58	$23,245.73	$4,164,575.65
45.04	23,075.92	42,871.03		12,704,662.76
156,309.00	321,210.07			1,822,154.02
14,820,424.71	11,218,004.79	7,236,849.28		51,134,692.11
129.29	44,794.21	120,737.43		32,852,978.88
1,804,431.49	117,572.48	5,401,983.51	44,033.32	7,979,097.48

Deposits of gold at United States mints and assay offices since 1873 [1]

Fiscal year ended June 30 [2]—	Character of gold deposited					Total
	Domestic bullion [3]	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–10	1,027,923,621	24,424,096	292,690,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921–30	744,689,225	22,804,974	1,803,070,053	720,181,739	132,261,096	3,423,007,087
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,002	152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938	209,045,356	3,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
1939	292,962,521	1,269,916	2,895,341,664	24,007,161	12,233,912	3,225,815,174
1940	209,712,611	826,025	2,854,616,654	10,063,732	11,140,063	3,086,359,085
1941	207,008,201	801,161	2,678,649,221	633,280,730	10,241,010	3,529,980,323
1942	173,077,508	476,284	477,071,187	5,754,959	8,531,249	664,911,187
1943	66,622,330	25,291	115,875,621	201,241	5,410,483	188,134,966
1944	17,112,360	1,277,517	35,546,131	58,857	4,529,336	58,524,201
Total	7,279,572,448	2,873,172,815	17,638,971,543	2,685,049,953	554,558,143	31,031,324,902

[1] On quantity basis with value calculated at $20.67+ per fine ounce until 1934; since 1934 at $35 per fine ounce.
[2] See Annual Report for 1931 for data by individual years for 1873–1930.
[3] Includes domestic refinery product from foreign ores, etc., prior to fiscal year 1940.

Deposits of silver at United States mints and assay offices since 1873

[On quantity basis; see p. 42]

Fiscal year ended June 30 [1]—	Character of silver deposited—in fine ounces					Total fine ounces
	Domestic bullion [2]	Domestic coin	Foreign bullion [3]	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	134,328,580	936,884	9,650,739	2,432,822	1,485,882	148,834,907
1881–90	262,693,183	9,520,744	13,592,062	6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524	10,741,204	3,586,744	5,206,736	262,437,730
1901–10	77,154,402	14,538,783	19,003,742	40,201,703	6,060,434	156,959,064
1911–20	75,026,914	18,199,234	19,881,277	22,169,163	7,687,482	142,964,070
1920–30	218,245,969	20,522,169	22,242,803	6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196	1,333,817	78,174	583,107	7,176,510
1932	594,613	4,937,134	989,943	365,720	679,242	7,566,652
1933	567,579	5,580,855	627,680	5,594	728,225	7,509,933
1934	10,909,547	5,026,105	21,488,552	17,468	586,358	38,028,030
1935	[4] 140,540,635	5,840,287	294,409,533	207,757	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179	558,830,375	1,002,158	630,566	614,375,240
1937	[4] 63,251,692	3,997,293	163,237,051	867	249,816	230,736,719
1938	69,031,701	3,644,595	337,409,003	577	217,188	410,303,064
1939	63,298,478	3,207,646	352,925,689	17	164,190	419,596,020
1940	62,532,500	2,995,176	196,387,444	489	211,920	262,127,529
1941	71,918,759	2,730,501	91,154,501	3,381	249,678	166,056,820
1942	68,450,930	1,831,660	54,009,068	3	249,670	124,541,331
1943	19,539,705	[5] 7,654,685	562,305	192	488,129	28,245,016
1944	641,299	[5] 34,281,696	211,113	3	11,185,786	46,319,897
Total	1,597,022,186	189,146,346	2,168,687,901	83,801,119	51,647,130	4,090,304,682

[1] See Annual Report for 1931 for data by individual years for 1873–1930.
[2] Includes domestic refinery product from foreign ores, etc., prior to fiscal year 1940.
[3] Beginning 1934 includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[4] Includes refined bars (of whatever production source) received under Executive Proclamation of Aug. 9, 1934 (nationalized silver).
[5] Includes unfit dollars melted under act of Dec. 18, 1942.

Domestic coinage of the United States mints during the calendar year 1943

Denomination	Philadelphia mint	San Francisco mint	Denver mint	Total value	Total pieces
Silver:					
Half dollars	$26,595,000.00	$6,725,000.00	$5,673,000.00	$38,993,000.00	77,986,000
Quarter dollars	24,925,000.00	5,425,000.00	4,023,900.00	34,373,900.00	137,495,600
Dimes	19,171,000.00	6,040,000.00	7,194,900.00	32,405,900.00	324,059,000
Total, silver	70,691,000.00	18,190,000.00	16,891,800.00	105,772,800.00	539,540,600
Minor:					
Five-cent pieces	13,558,250.00	5,203,000.00	764,700.00	19,525,950.00	390,519,000
One-cent pieces	6,846,286.70	1,915,500.00	2,176,600.00	10,938,386.70	1,093,838,670
Total, minor	20,404,536.70	7,118,500.00	2,941,300.00	30,464,336.70	1,484,357,670
Total, domestic coinage	91,095,536.70	25,308,500.00	19,833,100.00	136,237,136.70	2,023,898,270
Prior year:					
Total coinage, value	$81,956,319.65	$18,630,900.00	$18,696,580.00	$119,283,799.65	
Total coinage, pieces	1,120,936,372	199,882,000	309,837,000		1,630,655,372

Coinage by the United States for Other Countries

The coinage for other countries during the calendar year 1943 totaled 186,682,000 pieces as compared with 307,737,000 pieces during the prior calendar year as follows:

Country	Number of pieces			
	Philadelphia	San Francisco	Denver	Total
Silver:				
Australia		39,000,000	24,000,000	63,000,000
Great Britain: Fiji Islands		1,150,000		1,150,000
Guatemala	1,650,000			1,650,000
Netherlands Government:				
Curacao	1,000,000			1,000,000
East Indies			22,000,000	22,000,000
Surinam	6,000,000			6,000,000
Salvador		1,200,000		1,200,000
Copper-zinc:				
Belgian Congo [1]	25,000,000			25,000,000
Bolivia [2]	10,000,000			10,000,000
Cuba [3]	4,000,000			4,000,000
Ecuador [4]	6,000,000			6,000,000
Great Britain: Fiji Islands [1]		1,250,000		1,250,000
Guatemala [3]	600,000			600,000
Netherlands Government: Surinam [3]	4,000,000			4,000,000
Peru [3]		12,832,000		12,832,000
Salvador [2]	5,000,000	5,000,000		10,000,000
Nickel-silver: Netherlands Government: Curacao [5]	500,000			500,000
Zinc: Bolivia	16,500,000			16,500,000
Total coinage	80,250,000	60,432,000	46,000,000	186,682,000

[1] 65 percent copper—35 percent zinc.
[2] 95 percent copper—5 percent zinc.
[3] 70 percent copper—30 percent zinc.
[4] 80 percent copper—20 percent zinc.
[5] 12 percent nickel-silver. Metals furnished by Netherlands Government.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1944

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$391,580.00	$940.00	$392,520.00
Eagles	182,960.00	420.00	183,380.00
Half eagles	147,395.00	275.00	147,670.00
$3 pieces	204.00	12.00	216.00
Quarter eagles	32,282.50	350.00	32,632.50
$1 pieces	382.00	51.00	433.00
Total gold, face amount	754,803.50	2,048.00	756,851.50
Total value gold at $20.67+ per ounce			754,349.91
Silver:			
Trade dollars		15.00	15.00
Standard dollars	44,658,194.00	682.00	44,658,876.00
Half dollars	682,256.50	3,127.00	685,383.50
Quarter dollars	640,719.00	2,472.00	643,191.00
20-cent pieces	2.40		2.40
Dimes	373,809.40	2,134.75	375,944.15
Half dimes	27.15	.20	27.35
3-cent pieces	11.01		11.01
Total silver, face amount	46,355,019.46	8,430.95	46,363,450.41
Nickel:			
5-cent pieces	246,881.55	7.15	246,888.70
3-cent pieces	66.63		66.63
1-cent pieces	59.27		59.27
Total nickel, face amount	247,007.45	7.15	247,014.60
Bronze:			
2-cent pieces	46.42		46.42
1-cent pieces	75,777.70	40.57	75,818.27
Total bronze, face amount	75,824.12	40.57	75,864.69
Copper:			
1-cent pieces	54.48		54.48
½-cent pieces	.32		.32
Total copper, face amount	54.80		54.80
Copper-silver-manganese: 5-cent pieces	2,014.60		2,014.60
Total minor, face amount	324,900.97	47.72	324,948.69
Grand total, face amount	47,434,723.93	10,526.67	47,445,250.60

SUMMARY

Metal obtained by melting the above:		*Weights*
Gold	fine ounces	36,491.677
Silver:		
Unfit silver dollars from Treasury stock [1]	do	33,152,082.31
Other silver coin [2]	do	1,131,478.40
Nickel [3]	gross ounces	757,921.10
Bronze and copper	do	743,361.91
Copper-silver-manganese:		
5-cent pieces [3]	do	6,400.43
Monetary value of metal obtained:		*Value*
Gold [4]		$1,277,208.70
Silver:		
Unfit silver dollars from Treasury stock [1]		45,829,731.86
Other silver coin [2]		1,564,165.75
Bronze and copper		74,336.19
Loss by recoinage:		
Silver [2]		141,090.66
Bronze and copper		1,583.30
Gain by recoinage, net: Unfit silver dollars melted from stock [1]		1,171,537.78

[1] Unfit silver dollars melted under the act of Dec. 18, 1942 (Public Law 815, 77th Cong.), and the "First Deficiency Appropriation Act, 1943," approved Mar. 18, 1943.
[2] Pertains to all silver coin, except unfit silver dollars referred to in footnote 1.
[3] Metal not recoined during fiscal year 1944.
[4] At $35 per fine ounce.

NOTE.—Unfit silver dollars having a face value of $44,658,194.00 were melted during the fiscal year. The losses due to abrasion and melting amounted to $1,794,895.76 and the gain due to recoinage of the resulting metal into subsidiary silver coin at $1.38+ per fine ounce amounted to $2,966,433.54, making a net gain by recoinage of $1,171,537.78.

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1943

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles		$3,800.00	$3,800.00
Eagles		4,280.00	4,280.00
Half eagles		6,805.00	6,805.00
$3 pieces		15.00	15.00
Quarter eagles		100.00	100.00
$1 pieces		61.00	61.00
Total gold, face amount		15,061.00	15,061.00
Total value gold at $20.67+ per ounce			15,018.58
Silver:			
Trade dollars		12.00	12.00
Standard dollars	$49,886,959.00	606.00	49,887,565.00
Half dollars	783,215.50	3,196.50	786,412.00
Quarter dollars	809,831.25	3,085.00	812,916.25
20-cent pieces	11.20		11.20
Dimes	399,309.30	2,464.30	401,773.60
Half dimes	73.15		73.15
3-cent pieces	20.07		20.07
Total silver, face amount	51,879,419.47	9,363.80	51,888,783.27
Nickel:			
5-cent pieces		33.00	33.00
3-cent pieces			
1-cent pieces			
Total nickel, face amount		33.00	33.00
Bronze:			
2-cent pieces			
1-cent pieces		62.23	62.23
Total bronze, face amount		62.23	62.23
Copper:			
1-cent pieces			
½-cent pieces			
Total copper, face amount			
Copper-silver-manganese: 5-cent pieces			
Total minor, face amount		95.23	95.23
Grand total, face amount	51,879,419.47	24,520.03	51,903,939.50

SUMMARY

		Weights
Metal obtained by melting the above:		
Gold	fine ounces	726.524
Silver:		
Unfit silver dollars from Treasury stock [1]	do	36,989,557.92
Other silver coin [2]	do	1,324,541.76
Nickel	gross ounces	103.38
Bronze and copper	do	550.72
Manganese	do	
		Value
Monetary value of metal obtained:		
Gold [3]		$25,428.34
Silver:		
Unfit silver dollars from Treasury stock [1]		51,134,692.11
Other silver coin [2]		1,831,058.25
Nickel		32.16
Bronze and copper		55.07
Loss by recoinage:		
Silver [3]		170,766.02
Nickel		.84
Bronze and copper		7.16
Gain by recoinage, net: Unfit silver dollars melted from Treasury stock [1]		1,247,733.00

[1] Unfit silver dollars melted under the act of Dec. 18, 1942 (Public Law 815, 77th Cong.), and the "First Deficiency Appropriation Act, 1943," approved Mar. 18, 1943.
[2] Pertains to all silver coin, except unfit silver dollars referred to in footnote 1.
[3] At $35 per fine ounce.

NOTE: Unfit silver dollars having a face value of $49,886,959.00 were melted during the calendar year. The losses due to abrasion and melting amounted to $2,062,076.15 and the gain due to recoinage of the resulting metal into subsidiary silver coin at $1.38+ per fine ounce amounted to $3,309,809.15, making a net gain by recoinage of $1,247,733.00.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1937	$339
1891–1900	106,188	1938	607
1901–10	14,939	1939	629
1911–20	13,986	1940	366
1921–30	19,528	1941	407
1931	1,193	1942	562
1932	442	1943	244
1933	513	1944	682
1934	504		
1935	649	Total	230,253
1936	638		

[1] See Annual Report for 1931 for data by individual years for 1873–1930.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1937	$6,026,887	$5,526,508	$500,379
1901–10	20,479,140	19,225,162	1,254,008	1938	5,514,687	5,038,320	476,367
1911–20	[2] 26,181,212	25,525,323	655,889	1939	4,861,773	4,434,279	427,494
1921–30	[2] 30,759,713	28,370,025	2,389,688	1940	4,530,970	4,140,548	390,422
1931	5,487,496	4,997,679	489,817	1941	4,122,939	3,774,669	348,270
1932	7,482,437	6,825,156	657,281	1942	2,767,828	2,532,102	235,726
1933	8,467,446	7,715,023	752,423	1943 [3]	10,619,576	10,588,190	31,386
1934	7,563,736	6,948,272	615,464	1944 [3]	46,363,450	47,393,898	[4] +1,030,448
1935	8,828,214	8,074,032	754,182				
1936	7,200,195	6,587,520	612,675	Total	262,231,067	250,258,959	11,972,109

[1] See Annual Report for 1931 for data by individual years for 1891–1930.
[2] Includes silver dollars melted for subsidiary coin under act of Apr. 23, 1918: 1919, $1,000,000; 1920, $10,000,000; and 1921, $111,168.
[3] Includes unfit silver dollars melted for subisdiary coin under act of Dec. 18, 1942: 1943, $8,080,739; 1944, $44,658,194.
[4] Gain on silver dollars, $1,171,538; loss on subsidiary coin, $141,090.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,580,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,117,412		1,116,583,891
1937			46,020,018	1,631,523,270		1,585,503,252
1938			5,888,904	1,979,457,519		1,973,568,615
1939			508,063	3,574,658,840		3,574,150,777
1940			4,994,899	4,749,467,203		4,744,472,304
1941			64,280	982,442,027		982,377,747
1942			102,126	315,779,716		315,677,590
Total			6,775,355,898	25,855,046,018	1,191,187,150	20,270,877,270
Net imports						19,079,690,120

[1] See Annual Report for 1931 for data by individual years for 1873–1920.
[2] Segregation not made since 1933.

Silver imports and exports of the United States, with net movement, by calendar years since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	108,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	70,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,530		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,551,336	102,725,135		86,173,799
1935			18,801,291	354,531,001		335,729,710
1936			11,965,493	182,816,199		170,850,706
1937			12,042,339	91,876,984		79,834,645
1938			7,082,153	230,531,137		223,448,984
1939			14,629,792	85,307,095		70,677,303
1940			3,674,385	58,433,866		54,759,481
1941			5,673,361	47,053,413		41,380,052
1942			1,999,490	41,103,149		39,103,659
Total			3,530,867,416	3,344,829,024	1,358,810,819	1,172,772,427
Net exports					186,038,392	

[1] See Annual Report for 1931 for data by individual years for 1873–1920.
[2] Segregation not made since 1933.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold [2]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [3]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
1939			7,978,145		11,029,058
1940			19,391,999		26,807,671
1941			35,598,407		49,211,552
1942			61,709,138		85,307,259
1943			96,455,648		133,341,141
1944			56,131,585		77,596,800
Total	181,073,828	3,743,128,177	1,334,993,930	884,572,989	898,938,997

[1] See Annual Report for 1931 for data by individual years for 1873–1920.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Includes both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do. [2]	June 28, 1834	64.5	899.225		
Do. [2]	Jan. 18, 1837	64.5	900		
Do. [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquincentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1943	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do.[1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900	855,611,127	[2] $855,611,127.00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	742,690,112	371,345,056.00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims, Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1,439,517	
During 1836	1,000	
		$1,440,517
		6,590,721
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		378,166,793
Act Feb. 28, 1878 (Bland-Allison Act)		
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause	$36,087,285	
thereof Oct. 31, 1893	42,139,872	
Act Nov. 1, 1893, to June 12, 1898	108,800,188	
		187,027,345
Act June 13, 1898, war revenue bill		5,078,472
Act Mar. 3, 1887 and 1891, trade-dollar conversion		
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86,730,000	
Peace dollar, since Dec. 21, 1921	183,502,722	
		270,232,722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7,021,528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53,029
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1943	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	----do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	----do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	----do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900	1,308,405,068	327,101,267.00
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	2,856,581,445	285,658,144.50
Do	Feb 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12⅜	750		
Do.[10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				5,952,923,715	1,888,117,037.85

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage by denominations, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition [1]	Total coined to Dec. 31, 1943	
		Grains		*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16		2,726,456,332	$136,322,816.60
Do	Feb. 12, 1873				
5 cents (silver)	Mar. 27, 1942	77.16		481,319,600	24,065,980.00
3 cents (nickel) [2]	Mar. 3, 1865	30		31,378,316	941,349.48
Do.[2]	Feb. 12, 1873				
2 cents (bronze) [3]	Apr. 22, 1864	96		45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264		156,288,744	1,562,887.44
Do	Jan. 14, 1793	208			
Do.[4]	Jan. 26, 1796	186			
Do.[5]	Jan. 18, 1837	168			
Cent (nickel) [6]	Feb. 21, 1857	72		200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48		10,534,616,098	105,346,160.98
Do	Feb. 12, 1873				
Cent (zinc-steel)	Dec. 18, 1942	42.5		1,093,838,670	10,938,386.70
Half cent (copper)	Apr. 2, 1792	132		7,981,822	39,909.11
Do	Jan. 14, 1793	104			
Do.[4]	Jan. 25, 1796	84			
Do.[5]	Jan. 18, 1837	84			
Total minor				15,278,252,582	282,137,230.31
Grand total, coinage				21,582,721,655	5,696,472,745.66

[1] *Composition—Percent*
5 and 3 cent (nickel)—copper, 75; nickel, 25.
5 cent (silver)—copper, 56; silver, 35; manganese, 9.
2 and 1 cent (bronze)—copper, 95; tin and zinc, 5.
1 and ½ cent (copper)—all copper.
1 cent (nickel)—copper, 88; nickel, 12.
1 cent (zinc-steel)—steel with zinc coating each side, 0.0005 inch.

[2] Three-cent piece discontinued by act of Sept. 26, 1890.

[3] Two-cent piece discontinued by act of Feb. 12, 1873.

[4] Proclamation of the President in conformity with act of Mar. 3, 1795.

[5] Copper cents and half cents discontinued by act of Feb. 21, 1857.

[6] Nickel cents discontinued by act of Apr. 22, 1864.

Coinage of each mint, by face amount, with grand total

Denomination	Philadelphia 1793–1943	San Francisco 1854–1943	Denver 1906–43
Gold:			
50 dollars		$150,950.00	
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00
3 dollars	1,357,716.00	186,300.00	
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00
Dollars	18,573,821.00	115,266.00	
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00
Silver:			
Dollars	423,758,122.00	183,504,073.00	47,406,100.00
Trade dollars	5,107,524.00	26,647,000.00	
Half dollars	218,188,942.00	77,670,850.00	38,655,793.50
Quarter dollars	230,918,790.50	42,087,534.25	36,440,000.00
20 cents	11,342.00	231,000.00	
Dimes	189,793,244.20	44,118,518.90	42,848,280.00
Half dimes	3,948,791.90	119,100.00	
3 cents	1,260,487.20		
Total silver	1,072,987,243.80	374,378,076.15	165,350,173.50
Minor:			
5 cents	126,980,281.60	17,474,200.00	15,934,315.00
3 cents	941,349.48		
2 cents	912,020.00		
1 cent	94,857,415.12	11,345,600.00	13,652,140.00
Half cent	39,909.11		
Total minor	223,730,975.31	28,819,800.00	29,586,455.00
Total face amount	3,338,063,608.61	2,453,951,309.65	545,356,928.50
Total pieces	16,101,904,832	2,594,264,943	2,408,252,407

Coinage of each mint during

[By number

Mint	1934	1935	1936	1937
Philadelphia:				
Silver	64,150,244	102,140,072	141,772,083	86,398,955
Minor	239,293,003	303,652,000	428,638,989	388,665,089
Total	303,443,247	405,792,072	570,411,072	475,064,044
San Francisco:				
Silver	4,663,000	27,590,655	17,080,111	13,500,519
Minor		49,002,000	44,060,000	40,135,000
Total	4,663,000	76,592,655	61,140,111	53,635,519
Denver:				
Silver	14,237,106	19,283,320	25,991,538	23,044,625
Minor	35,926,000	59,092,000	65,434,000	68,256,000
Total	50,163,106	78,375,320	91,425,538	91,300,625
All mints: Grand total pieces, 1934–43	358,269,353	560,760,047	722,976,721	620,000,188

pieces, since organization to close of business, Dec. 31, 1943

New Orleans 1838–61, 1879–1909	Carson City 1870–93	Charlotte 1838–61	Dahlonega 1838–61	Total face amount	Total pieces
				$150,950.00	3,019
$16,375,500.00	$17,283,560.00			3,482,112,120.00	174,105,606
23,610,890.00	2,997,780.00			576,834,850.00	57,683,485
4,618,625.00	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00	78,911,869
72,000.00			3,360.00	1,619,376.00	539,792
3,023,157.50		544,915.00	494,625.00	51,067,082.50	20,426,833
1,004,000.00		109,138.00	72,529.00	19,874,754.00	19,874,754
48,704,172.50	23,829,425.00	5,059,188.00	6,106,569.00	4,526,218,477.50	351,545,358
187,111,529.00	13,881,329.00			855,661,153.00	855,661,153
	4,211,400.00			35,965,924.00	35,965,924
40,117,338.00	2,654,313.50			377,287,237.00	754,574,474
15,085,750.00	2,579,198.00			327,111,272.75	1,308,445,091
	28,658.00			271,000.00	1,355,000
6,807,990.60	2,090,110.80			285,658,144.50	2,856,581,445
812,327.50				4,880,219.40	97,604,388
21,600.00				1,282,087.20	42,736,240
249,956,535.10	25,445,009.30			1,888,117,037.85	5,952,923,715
				160,388,796.60	3,207,775,932
				941,349.48	31,378,316
				912,020.00	45,601,000
				119,855,155.12	11,985,515,512
				39,909.11	7,981,822
				282,137,230.31	15,278,252,582
298,660,707.60	49,274,434.30	5,059,188.00	6,106,569.00	6,696,472,745.66	
419,076,513	56,636,119	1,208,131	1,378,710		21,582,721,655

the past 10 calendar years

of pieces]

1938	1939	1940	1941	1942	1943	Total
35,818,947	108,124,032	110,244,352	278,361,256	355,388,572	344,600,000	1,626,998,513
176,212,099	437,107,055	763,325,030	1,090,322,820	765,547,800	955,793,670	5,548,557,555
212,031,046	545,231,087	873,569,382	1,368,684,076	1,120,936,372	1,300,393,670	7,175,556,068
10,944,024	15,725,110	34,354,000	67,268,000	81,392,000	95,550,000	368,067,419
19,285,000	58,700,000	152,630,000	135,805,000	118,490,000	295,610,000	913,717,000
30,229,024	74,425,110	186,984,000	203,073,000	199,882,000	391,160,000	1,281,784,419
6,050,620	35,758,908	23,995,600	73,597,200	89,201,000	99,390,600	410,550,517
32,406,000	18,674,000	124,930,000	182,132,000	220,636,000	232,954,000	1,040,440,000
38,456,620	54,432,908	148,925,600	255,729,200	309,837,000	332,344,600	1,450,990,517
280,716,690	674,089,105	1,209,478,982	1,827,486,276	1,630,655,372	2,023,898,270	9,908,331,004

Coinage of each mint during

[By face amount

Mint and denomination	1934	1935	1936	1937
PHILADELPHIA				
Silver: Dollars	$954,057.00	$1,576,000.00		
Half dollars	3,602,067.50	4,625,036.00	$6,482,058.00	$4,915,828.50
Quarter dollars	7,978,013.00	8,121,000.00	10,325,959.25	4,925,385.50
Dimes	2,408,000.00	5,883,000.00	8,750,413.00	5,686,575.60
Total silver	14,942,137.50	20,205,036.00	25,558,430.25	15,527,789.60
Minor: 5-cent pieces	1,010,650.15	2,913,200.00	5,950,071.00	3,974,288.45
1-cent pieces	2,190,800.00	2,453,880.00	3,096,375.69	3,091,793.20
Total minor	3,201,450.15	5,367,080.00	9,046,446.69	7,066,081.65
Total face amount	18,143,587.65	25,572,116.00	34,604,876.94	22,593,871.25
SAN FRANCISCO				
Silver: Dollars	1,011,000.00	1,964,000.00		
Half dollars	1,826,000.00	2,063,327.50	2,021,055.50	1,054,259.50
Quarter dollars		1,415,000.00	957,000.00	413,000.00
Dimes		1,584,000.00	921,000.00	974,000.00
Total silver	2,837,000.00	7,026,327.50	3,899,055.50	2,441,259.50
Minor: 5-cent pieces		515,000.00	746,500.00	281,750.00
1-cent pieces		387,020.00	291,300.00	345,000.00
Total minor		902,020.00	1,037,800.00	626,750.00
Total face amount	2,837,000.00	7,928,347.50	4,936,855.50	3,068,009.50
DENVER				
Silver: Dollars	1,569,500.00			
Half dollars	1,184,203.00	1,513,160.00	2,242,769.00	854,512.50
Quarter dollars	881,800.00	1,445,000.00	1,343,500.00	1,797,400.00
Dimes	677,200.00	1,047,700.00	1,613,200.00	1,414,600.00
Total silver	4,312,703.00	4,005,860.00	5,199,469.00	4,066,512.50
Minor: 5-cent pieces	374,000.00	604,600.00	1,240,700.00	891,300.00
1-cent pieces	284,460.00	470,000.00	406,200.00	504,300.00
Total minor	658,460.00	1,074,600.00	1,646,900.00	1,395,600.00
Total face amount	4,971,163.00	5,080,460.00	6,846,369.00	5,462,112.50
ALL MINTS				
Total silver	22,091,840.50	31,237,223.50	34,656,954.75	22,035,561.60
Total minor	3,859,910.15	7,343,700.00	11,731,146.69	9,088,431.65
Grand total face amount 1934–43	25,951,750.65	38,580,923.50	46,388,101.44	31,123,993.25

the past 10 calendar years

and denomination]

1938	1939	1940	1941	1942	1943	Total
						$2,530,057.00
$2,070,087.00	$3,412,958.00	$4,583,639.50	$12,103,706.00	$23,919,560.00	$26,595,000.00	92,309,940.50
2,370,011.25	8,387,198.75	8,928,811.50	19,761,821.75	25,529,280.75	24,925,000.00	121,252,481.75
2,219,872.80	6,774,932.10	6,536,182.70	17,510,655.70	20,543,232.90	19,171,000.00	95,483,864.80
6,659,971.05	18,575,088.85	20,048,633.70	49,376,183.45	69,992,073.65	70,691,000.00	311,576,344.05
975,768.25	6,031,376.75	8,824,957.90	10,164,186.00	5,385,960.00	13,558,250.00	58,788,708.50
1,566,967.34	3,164,795.20	5,868,258.72	8,870,391.00	6,578,286.00	6,846,286.70	43,727,833.85
2,542,735.59	9,196,171.95	14,693,216.62	19,034,577.00	11,964,246.00	20,404,536.70	102,516,542.35
9,202,706.64	27,771,260.80	34,741,850.32	68,410,760.45	81,956,319.65	91,095,536.70	414,092,886.40
						2,975,000.00
11,012.00	1,278,555.00	2,275,000.00	4,049,000.00	6,354,000.00	6,725,000.00	27,657,209.50
708,000.00	657,000.00	2,061,000.00	4,020,000.00	4,846,000.00	5,425,000.00	20,502,000.00
809,000.00	1,054,000.00	2,156,000.00	4,309,000.00	4,930,000.00	6,040,000.00	22,777,000.00
1,528,012.00	2,989,555.00	6,492,000.00	12,378,000.00	16,130,000.00	18,190,000.00	73,911,209.50
205,250.00	331,500.00	1,984,500.00	2,172,250.00	1,645,000.00	5,203,000.00	13,084,750.00
151,800.00	520,700.00	1,129,400.00	923,600.00	855,900.00	1,915,500.00	6,520,220.00
357,050.00	852,200.00	3,113,900.00	3,095,850.00	2,500,900.00	7,118,500.00	19,604,970.00
1,885,062.00	3,841,755.00	9,605,900.00	15,473,850.00	18,630,960.00	25,308,500.00	93,516,179.50
						1,569,500.00
256,810.00	2,136,454.00		5,624,200.00	5,486,900.00	5,673,000.00	24,972,008.50
	1,773,000.00	699,400.00	4,178,700.00	4,371,800.00	4,023,900.00	20,514,500.00
553,700.00	2,439,400.00	2,119,800.00	4,563,400.00	6,074,000.00	7,194,900.00	27,697,900.00
810,510.00	6,348,854.00	2,819,200.00	14,366,300.00	15,932,700.00	16,891,800.00	74,753,908.50
619,800.00	175,700.00	2,177,000.00	2,671,600.00	696,900.00	764,700.00	10,216,300.00
200,100.00	151,600.00	813,900.00	1,287,000.00	2,066,980.00	2,176,600.00	8,361,140.00
819,900.00	327,300.00	2,990,900.00	3,958,600.00	2,763,880.00	2,941,300.00	18,577,440.00
1,630,410.00	6,676,154.00	5,810,100.00	18,324,900.00	18,696,580.00	19,833,100.00	93,331,348.50
						460,241,462.05
8,998,493.05	27,913,497.85	29,359,833.70	76,120,483.45	102,054,773.65	105,772,800.00	140,698,952.35
3,719,685.59	10,375,671.95	20,798,016.62	26,089,027.00	17,229,026.00	30,464,336.70	
12,718,178.64	38,289,169.80	50,157,850.32	102,209,510.45	119,283,799.65	136,237,136.70	600,940,414.40

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,689,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	[2] 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	[3] 25,034
1915	[3] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[5] 20,026
1916		15,920,000	1,385,000	1,200,000			[5] 10,014
1917							
1918							
1919							
1920		15,725,000	1,265,000				[6] 10,016
1921		10,570,000					
1922		80,670,000					
1923		45,365,000					
1924		206,010,000				1,445,000.00	
1925		190,935,000				[7] 1,615,565.00	
1926		66,785,000	10,140,000			970,000.00	
1927		124,675,000				1,040,000.00	
1928		176,320,000		3,310,000		1,330,000.00	
1929		35,595,000					
1930		1,480,000	960,000				
1931		60,895,000					
1932		22,035,000	44,630,000				
1933		8,910,000	3,125,000				
1934 [8]							692,827
Total: 1874–1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	19,874,754
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * * All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		$1,758	$2,650.00				
1795		203,033	158,922.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873	$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921-28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage [1] *of the mints of the United States, by denominations and calendar years, since their organization*—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875 [1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876 [1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877 [1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878 [1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,565,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,582,572.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
1940			6,858,639.50	11,689,211.50	10,811,982.70		
1941			21,776,906.00	27,960,521.75	26,383,055.70		
1942			35,760,460.00	34,747,080.75	31,547,232.90		
1943			38,993,000.00	34,373,900.00	32,405,900.00		
Total: 1874–1943	34,740,924	847,629,915	276,745,984.00	304,823,251.25	276,416,065.30		
Grand total	35,965,924	855,661,153	377,287,237.00	327,111,272.75	285,658,114.50	$4,880,219.40	$1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				$1,122.12	$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864				529,737.14	
1865			$396,950.00	354,292.86	
1866		$341,460.00	272,800.00	98,265.00	
1867	$737,125.00	144,030.00	63,540.00	98,210.00	
1868	1,545,475.00	117,450.00	58,775.00	102,665.00	
1869	1,440,850.00	97,560.00	56,075.00	64,200.00	
1870	819,750.00	48,120.00	30,930.00	52,750.00	
1871	240,300.00	40,050.00	17,225.00	39,295.00	
1872	28,050.00	18,120.00	14,425.00	40,420.00	
1873	301,800.00	25,860.00	1,300.00	116,765.00	
	227,500.00	35,190.00			
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,580.00	
1927	2,357,050.00			1,858,860.00	
1928	1,839,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,260.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
1937	5,147,338.45			3,941,093.20	
1938	1,800,818.25			1,918,867.34	
1939	6,538,576.75			3,837,095.20	
1940	12,986,457.90			7,811,558.72	
1941	15,008,036.00			11,080,991.00	
1942	7,727,860.00			9,501,166.00	
1943	19,525,950.00			10,938,386.70	
				114,925,330.68	
Total, 1874–1943	155,047,946.60	73,509.48		119,855,155.12	$39,909.11
Grand total	160,388,796.60	941,349.48	$912,020.00		

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793			$1,281.79	$1,281.79
1794		$4,408.00	9,593.21	14,001.21
1795	$71,485.00	366,275.80	498.00	438,258.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35,254,630.00	$6,851,776.70	$342,475.00	$42,448,881.70
1875	32,951,940.00	15,347,893.00	246,970.00	48,546,803.00
1876	46,579,452.50	24,503,307.50	210,800.00	71,293,560.00
1877	43,999,864.00	28,393,045.50	8,525.00	72,401,434.50
1878	49,786,052.00	28,518,850.00	58,186.50	78,363,088.50
1879	39,080,080.00	27,599,776.00	165,003.00	66,844,859.00
1880	62,308,279.00	27,411,693.75	391,395.95	90,111,368.70
1881	96,850,890.00	27,940,163.75	428,151.75	125,219,205.50
1882	65,887,685.00	27,973,132.00	960,400.00	94,821,217.00
1883	29,241,990.00	29,246,968.45	1,604,770.41	60,093,728.86
1884	23,991,756.50	28,534,866.15	796,483.78	53,323,106.43
1885	27,773,012.50	28,962,176.20	191,622.04	56,926,810.74
1886	28,945,542.00	32,086,709.90	343,186.10	61,375,438.00
1887	23,972,383.00	35,191,081.40	1,215,686.26	60,379,150.66
1888	31,380,808.00	33,025,606.45	912,200.78	65,318,615.23
1889	21,413,931.00	35,496,683.15	1,283,408.49	58,194,022.64
1890	20,467,182.50	39,202,908.20	1,384,792.14	61,054,882.84
1891	29,222,005.00	27,518,856.60	1,312,441.00	58,053,302.60
1892	34,787,222.50	12,641,078.00	961,480.42	48,389,780.92
1893	56,997,020.00	8,802,803.05	1,134,931.70	66,934,754.75
1894	79,546,160.00	9,200,350.85	438,177.92	89,184,688.77
1895	59,616,357.50	5,698,010.25	882,430.56	66,196,798.31
1896	47,053,060.00	23,089,899.05	832,718.93	70,975,677.98
1897	76,028,485.00	18,487,297.30	1,526,100.05	96,041,882.35
1898	77,985,757.50	23,034,033.45	1,124,835.14	102,144,626.09
1899	111,344,220.00	26,061,519.90	1,837,451.86	139,243,191.76
1900	99,272,942.50	36,345,347.45	2,031,137.39	137,649,427.34
1901	101,735,187.50	30,838,460.75	2,120,122.08	134,693,770.33
1902	47,184,932.50	30,028,167.20	2,447,796.17	79,660,895.87
1903	43,683,970.50	19,874,440.00	2,251,281.18	65,809,691.68
1904	233,402,428.00	15,695,609.95	1,683,529.35	250,781,567.30
1905	49,638,441.00	6,332,180.90	2,298,555.43	58,269,177.33
1906	78,793,045.00	10,651,027.85	2,890,908.80	92,334,981.65
1907	131,907,490.00	13,178,435.75	3,042,126.18	148,128,051.93
1908	131,638,632.50	12,391,777.25	1,468,738.72	145,499,148.47
1909	88,776,907.50	8,087,852.50	1,756,388.93	98,621,148.93
1910	104,723,735.00	3,744,468.35	3,036,929.83	111,505,133.18
1911	56,176,822.50	6,457,301.55	3,156,726.47	65,790,850.52
1912	17,498,522.50	7,340,995.00	2,577,386.30	27,416,903.80
1913	25,433,377.50	3,184,228.95	4,667,335.47	33,284,941.92
1914	53,457,817.50	6,083,823.00	2,208,071.22	61,749,711.72
1915	23,968,401.50	4,114,097.50	2,062,839.70	30,145,338.70
1916	18,525,026.00	8,880,800.00	6,337,550.07	33,743,376.07
1917	10,014.00	29,412,300.00	6,118,089.30	35,540,403.30
1918		25,473,029.00	5,972,662.04	31,445,691.04
1919	16,990,000.00	11,068,400.00	9,709,100.00	20,777,500.00
1920	10,570,000.00	25,057,270.00	8,166,650.00	50,213,920.00
1921	80,680,016.00	89,057,535.50	1,155,310.00	100,782,845.50
1922	45,365,000.00	84,325,030.50	71,600.00	165,076,646.50
1923	206,010,000.00	66,283,038.50	2,927,080.00	114,575,118.50
1924	192,380,000.00	21,627,040.00	2,309,690.00	229,946,730.00
1925	78,540,565.00	19,874,218.00	4,202,645.00	216,456,863.00
1926	125,645,000.00	19,825,806.50	4,461,630.00	102,828,001.50
1927	177,360,000.00	11,286,217.00	4,215,910.00	141,147,127.00
1928	40,235,000.00	8,748,667.00	3,664,670.00	189,773,337.00
1929	2,440,000.00	8,590,500.00	5,399,900.00	54,225,400.00
1930	60,895,000.00	2,658,300.00	3,632,210.00	8,730,510.00
1931	66,665,000.00	621,000.00	307,420.00	61,823,420.00
1932	12,035,000.00	1,562,200.00	195,620.00	68,422,820.00
1933		895,625.00	205,600.00	13,136,225.00
1934		22,091,840.50	3,859,910.15	25,951,750.65
1935		31,237,223.50	7,343,700.00	38,580,923.50
1936		34,656,954.75	11,731,146.69	46,388,101.44
1937		22,035,561.60	9,088,431.65	31,123,993.25
1938		8,998,493.05	3,719,685.59	12,718,178.64
1939		27,913,497.85	10,375,671.95	38,289,169.80
1940		29,359,833.70	20,798,016.62	50,157,850.32
1941		76,120,483.45	26,089,027.00	102,209,510.45
1942		102,054,773.65	17,229,026.00	119,283,799.65
1943		105,772,800.00	30,464,336.70	136,237,136.70
Total: 1874–1943	3,674,104,040.00	1,740,627,139.55	270,046,786.76	5,684,777,966.31
Grand total	4,526,218,477.50	1,888,117,037.85	282,137,230.31	6,696,472,745.66

Coinage by United States mints for foreign governments since enabling legislation of January 29, 1874 through December 31, 1943, by year and number of pieces

Year	Number of pieces	Year	Number of pieces
1876–77	12,000,000	1921	55,094,352
1883–84	1,950,000	1922	7,863,030
1895	4,500,000	1923	4,369,000
1896	500,000	1924	12,663,196
1898	3,346,714	1925	13,461,000
1899	906,089	1926	14,987,000
1900	320,000	1927	3,650,000
1901	225,000	1928	16,701,000
1903	21,292,844	1929	34,980,000
1904	70,640,489	1930	3,300,120
1905	36,675,526	1931	4,498,020
1906	13,321,394	1932	9,756,096
1907	45,313,047	1933	15,240,000
1908	29,645,359	1934	24,280,000
1909	11,298,981	1935	109,600,850
1910	7,153,818	1936	32,350,000
1911	7,794,406	1937	26,800,000
1912	6,244,348	1938	48,579,644
1913	7,309,258	1939	15,725,000
1914	17,335,005	1940	33,170,000
1915	55,485,190	1941	208,603,500
1916	37,441,328	1942	307,737,000
1917	25,208,497	1943	186,682,000
1918	60,102,000		
1919	100,269,195	Total	[1] 1,865,371,630
1920	99,002,334		

[1] Total includes 66,943,807 planchets. No foreign coinage executed in 1902.

Coinage by United States mints for foreign governments since enabling legislation of January 29, 1874 through December 31, 1943, by country and number of pieces

Country	Number of pieces	Country	Number of pieces
Argentina	64,058,334	Honduras	22,400,000
Australia	113,000,000	Indo-China	135,270,000
Belgian Congo	25,000,000	Liberia	1,312,500
Bolivia	30,000,000	Mexico	89,076,840
China	9,720,096	Netherlands East Indies	369,000,000
Colombia	93,461,872	Nicaragua	20,080,000
Costa Rica	9,123,803	Panama (Republic of)	17,974,880
Cuba	187,609,888	Peru	105,045,669
Curacao	2,800,000	Philippine Islands	287,063,534
Dominican Republic	13,317,803	Poland	6,000,000
Ecuador	68,451,060	Siam	20,000,000
El Salvador	60,695,351	Surinam	14,600,000
Fiji Islands	4,800,000	Venezuela	89,625,000
Guatemala	3,935,000		
Hawaiian Government (prior to U. S. accession)	1,950,000	Total	[1] 1,865,371,630

[1] Total includes 66,943,807 planchets distributed as follows: Argentina, 64,058,334; Costa Rica, 20,000; and Peru, 2,865,473.

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Income and expenses of the United States Mint

Items	Philadelphia Mint	San Francisco Mint
INCOME		
Revenue:		
Melting charges on bullion deposits	$3,124.45	$2,600.91
Parting and Refining charges on bullion		18,317.52
Handling charges on gold receipts	2,226.02	21,009.80
Handling charges on gold sales	2,534.03	763.18
Bar charges on issue bars	442.45	230.36
Charges on accepted altered coins	128.00	
Transportation charges on bullion		
Proceeds of medals sold	3,792.98	
Receipts for special assays made on bullion and ores	289.00	
Value of bullion recovered incident to receipts of deposits	1,044.58	357.31
Value of bullion recovered from refining and coining operations		65,439.55
Gain on lightweight and mutilated coin purchased for recoinage	24.58	9.51
Gain on bullion shipments (net)		
Proceeds of sale of old material	5,931.04	263.30
Fines and penalties (bullion and coin forfeitures)	330.44	11,954.46
Commission on telephone calls	248.73	
Proceeds of sale of platinum sponge		
Seigniorage on subsidiary silver coinage	20,035,156.92	1,983,972.85
Seigniorage on bronze coinage	4,844,574.75	2,699,738.49
Seigniorage on one-cent piece	5,165,979.73	1,287,065.93
Seigniorage on five-cent piece	3,686,113.28	1,311,522.85
Salary refund for jury duty		
Unclaimed moneys		174.38
Profit on sale of silver bullion	12,955,978.86	1,795,909.62
Total Revenue	46,707,919.84	9,199,330.02
Appropriation reimbursements:		
Charges for manufacture of foreign coin	1,492,896.49	205,332.64
Charges for manufacture of special medals	379,395.43	
Charges for work and supplies for other institutions	83,946.90	
Miscellaneous	4,409.68	
Total reimbursements	1,960,648.50	205,332.64
Total income	48,668,568.34	9,404,662.66
EXPENSES		
Payable from appropriations:		
Transportation of bullion and coin (between mints and assay offices)	37.02	23.83
Personnel	3,243,441.89	1,186,452.43
Operative waste of monetary metals	11,289.31	
Loss on operative sweeps sold	1,379.37	3,982.30
Other expenses, including supplies, materials, equipment, and miscellaneous items	1,306,203.38	198,722.80
Interinstitution items involving appropriation transfers	−102,853.55	52,175.05
Total payable from appropriations	4,459,497.42	1,441,356.41
Payable from revenue:		
Expenses of distributing minor coin	218,653.15	41,630.45
Wastage of operative departments, minor metals	16,527.35	1,412.00
Forwarding cost of domestic silver bullion by Seattle Assay Office for account of Denver Mint		
Total payable from revenue	235,180.50	43,042.45
Total expenses	4,694,677.92	1,484,398.86

establishment for the fiscal year ended June 30, 1944

Denver Mint	New York Assay Office and auxiliary West Point bullion depository	Seattle Assay Office	Fort Knox bullion depository	Office of the Director of the Mint	Total
$983.19	$4,558.60	$543.40			$11,810.55
17,642.49	29,501.77				65,461.78
7,073.13	58,670.17	7,174.53			96,153.65
109.62	53,390.28				56,797.11
24.91	8,188.16				8,885.88
					128.00
		248.66			248.66
					3,792.98
142.00	725.00	113.00			1,269.00
2,086.21	16,233.50	7,948.31			27,669.91
19,080.29	18,490.64				103,010.48
9.25					43.34
		145.18			145.18
1,305.45					7,499.79
	16,997.83				29,282.73
103.41					352.14
	186,385.00				186,385.00
669,144.33					22,688,274.10
2,023,903.10					9,568,216.34
1,402,423.78					7,855,469.44
686,614.22					5,684,250.35
	42.00				42.00
					174.38
328,889.16	46,555,743.40				61,636,521.04
5,159,534.54	46,948,926.35	16,173.08			108,031,883.83
230,993.31					1,929,222.44
					379,395.43
					106,071.24
	22,124.34				6,401.05
187.37	1,804.00				
231,180.68	23,928.34				2,421,090.16
5,390,715.22	46,972,854.69	16,173.08			110,452,973.99
					31,991.83
24.48	30,906.50	1,000.00			6,085,053.79
927,232.78	489,589.82	19,806.56	$83,684.50	$134,845.81	11,289.31
					9,063.59
3,353.90	348.02				1,764,054.16
151,405.98	79,567.10	1,073.50	1,976.58	25,104.82	
43,696.00	6,982.50				
1,125,713.14	607,393.94	21,880.06	85,661.08	159,950.63	7,901,452.68
					317,979.99
57,696.39					20,103.42
2,164.07					
		248.66			248.66
					338,332.07
59,860.46		248.66			
1,185,573.60	607,393.94	22,128.72	85,661.08	159,950.63	8,239,784.75

Appropriations, reimbursements, expenses, and balances of the mint establishment fiscal year ended June 30, 1944

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated				[1] $177,800.00
Reimbursed				[3] 21,742.00
Expended	$134,845.81	$25,104.82	[2] $31,991.83	191,942.46
Unexpended balance				7,599.54
FIELD SERVICE				
Appropriated				5,421,370.00
Reimbursed:				
Philadelphia Mint				1,960,648.50
San Francisco Mint				205,332.64
Denver Mint				231,180.68
New York Assay Office				23,928.34
Available				7,842,460.16
Expended:				
Philadelphia Mint	3,243,441.89	1,318,872.06	(37.02)	4,562,313.95
San Francisco Mint	1,186,452.43	202,705.10	(23.83)	1,389,157.53
Denver Mint	927,232.78	154,759.88	(24.48)	1,081,992.66
New York Assay Office	489,589.82	79,915.12	(30,906.50)	569,504.94
Seattle Assay Office	19,806.56	1,073.50	(1,000.00)	20,880.06
Fort Knox Depository	83,684.50	1,976.58		85,661.08
Total expended	5,950,207.98	1,759,302.24	(31,991.83)	7,709,510.22
Unexpended balance				132,949.94
TOTAL, ENTIRE SERVICE				
Appropriated				5,599,170.00
Reimbursed				2,442,832.16
Available				8,042,002.16
Expended				7,901,452.68
Unexpended balance				140,549.48

[1] Includes $12,800.00 Transportation of Bullion and Coin, Mints and Assay Offices; $157,000.00 Salaries and Expenses, Office of Director of the Mint; and $8,000.00 Printing and Binding.
[2] Chargeable as indicated below, in parentheses, to the several offices.
[3] $21,742.00 reimbursed to appropriation "Transportation of Bullion and Coin, Mints and Assay Offices."

Cash assets and liabilites of the United States mints and assay offices, and bullion depositories, June 30, 1944

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	180,799.021	[1] $6,327,965.74	135,791,980.53	$158,041,656.75
San Francisco	10,524,478.102	368,356,733.32	523,521,300.43	665,659,403.24
Denver	162,579,751.190	[1] 5,690,291,291.76	59,394,160.28	64,655,105.66
ASSAY OFFICES				
New York (including West Point depository)	15,564,471.682	544,756,515.69	529,178,635.15	672,130,551.81
Seattle	33,502.915	1,172,604.90	14,694.73	10,354.21
BULLION DEPOSITORY				
Fort Knox	415,633,683.921	14,547,178,936.84	----------	----------
Total	604,516,686.831	21,158,084,048.25	1,247,900,771.12	1,560,497,071.67

Institution	Silver coin [2]	Minor coin	Paper currency
COINAGE MINTS			
Philadelphia	$190,845,549.04	$3,719,628.41	----------
San Francisco	54,631,656.64	2,959,778.68	$53,100.00
Denver	32,077,474.50	1,244,769.29	61,600.00
ASSAY OFFICES			
New York (including West Point depository)	52,635,996.40	----------	627,800.00
Seattle	----------	----------	----------
BULLION DEPOSITORY			
Fort Knox	----------	----------	----------
Total	330,190,676.58	7,924,176.38	742,500.00

Institution	Minor coinage metals	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$717,390.59	$92,659.40	$199,612.38	$359,944,462.31
San Francisco	134,402.79	9,193.30	15,597.21	1,091,819,865.18
Denver	179,671.53	191,214.26	58,162.33	5,788,759,289.33
ASSAY OFFICES				
New York (including West Point depository)	----------	----------	----------	1,270,150,863.90
Seattle	----------	----------	----------	1,182,959.11
BULLION DEPOSITORY				
Fort Knox	----------	----------	----------	14,547,178,936.84
Total	1,031,464.91	293,066.96	273,371.92	23,059,036,376.67

See footnotes at end of table.

Cash assets and liabilities of the United States mints and assay offices, and bullion depositories, June 30, 1944—Continued

LIABILITIES

Institution	Bullion Fund	Minor Coinage Metal Fund	Recoinage fund subsidiary	Recoinage fund minor	Minor Coinage Metal Fund accounts payable	Total
COINAGE MINTS						
Philadelphia	$358, 923, 677. 71	$700, 000. 00	$101, 868. 22	$200, 733. 68	$18, 182. 70	$359, 944, 462. 31
San Francisco	1, 091, 612, 493. 70	150, 000. 00	24, 782. 80	32, 588. 68	----------	1, 091, 819, 865. 18
Denver	5, 788, 278, 146. 77	150, 000. 00	242, 259. 41	66, 734. 75	22, 148. 40	5, 788, 759, 289. 33
ASSAY OFFICES						
New York (including West Point depository)	1, 270, 150, 863. 90	----------	----------	----------	----------	1, 270, 150, 863. 90
Seattle	1, 182, 959. 11	----------	----------	----------	----------	1, 182, 959. 11
BULLION DEPOSITORY						
Fort Knox	14, 547, 178, 936. 84	----------	----------	----------	----------	14, 547, 178, 936. 84
Total	23, 057, 327, 078. 03	1,000,000. 00	368, 910. 43	300, 057. 11	40, 331. 10	23, 059, 036, 376. 67

[1] Includes gold coin held as bullion: Philadelphia, $9,208.82; Denver, $416.51.
[2] Includes unclassified cash: Philadelphia, $4,593.74; San Francisco, $3,448.44; Denver, $528.40; New York, $10,996.40.

On June 30, 1944, the stock of domestic coin in the United States was $1,505,218,196, as shown in the table below:

Stock of domestic coin in the United States, June 30, 1944 [1]

Item	Silver	Minor	Total
Estimated stock of coin in the U. S. on June 30, 1943	$1, 198, 964, 118	$244, 849, 576	$1, 443, 813, 694
Coinage executed during fiscal year 1944	77, 596, 800	31, 868, 037	109, 464, 837
Imports, U. S. coin, fiscal year 1944	510, 049	----------	510, 049
Total	1, 277, 070, 967	276, 717, 613	1, 553, 788, 580
Less:			
Exports, U. S. coin, fiscal year 1944	1, 782, 000	----------	1, 782, 000
U. S. coin withdrawn from monetary use, face amount, fiscal year 1944	[2] 46, 363, 435	324, 949	[2] 46, 688, 384
U. S. coin used in industrial arts and general disappearance, estimated fiscal year 1944	100, 000	----------	100, 000
Total	48, 245, 435	324, 949	48, 570, 384
Estimated stock of coin in the U. S. on June 30, 1944	1, 228, 825, 532	276, 392, 664	1, 505, 218, 196

[1] For method of estimating see p. 42, and note below.
[2] Includes 44,658,194 uncurrent standard silver dollars melted for use in manufacture of subsidiary coinage under act of Dec. 18, 1942 (Public Law 815, 77th Cong.)

NOTE.—The number of standard silver dollars coined from 1878 to June 30, 1944; was 847,629,915, which added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted under the act of Dec. 18, 1942, total 52,738,933; those melted otherwise (mutilated, etc.) since 1883 numbered 230,253, and the number of Hawaiian dollars melted to June 30, 1944, was 455,329, a total disposition of 354,439,379, leaving in the United States on June 30, 1944, 494,337,395 standard silver dollars and 734,488,137 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157,476	122.82	16.44	139.26
1940	132,130	19,963,091	2,302,501	151.09	17.43	168.52
1941	133,212	22,624,197	2,430,234	169.84	18.24	188.08
1942	134,474	22,736,704	2,582,735	169.08	19.21	188.29
1943	136,527	22,387,522	2,718,711	163.98	19.91	183.89
1944	138,001	21,173,066	2,748,959	153.43	19.92	173.35

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce, which compares with the previous $20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

On December 31, 1943, the stock of domestic coin in the United States was $1,458,823,612, as shown in the table below:

Stock of domestic coin in the United States, December 31, 1943 [1]

Item	Silver	Minor	Total
Estimated stock of coin in the U. S. on Dec. 31, 1942	$1,143,476,442	$232,134,308	$1,375,610,750
Coinage executed during calendar year 1943	105,772,800	30,464,337	136,237,137
Imports, U. S. coin, calendar year 1943	293,241		293,241
Total	1,249,542,483	262,598,645	1,512,141,128
Less:			
Exports, U. S. coin, calendar year 1943	1,328,650		1,328,650
U. S. coin withdrawn from monetary use, face amount, calendar year 1943	[2] 51,888,771	95	51,888,866
U. S. coin used in industrial arts and general disappearance, estimated calendar year 1943	100,000		100,000
Total	53,317,421	95	53,317,516
Estimated stock of coin in the U. S. on Dec. 31, 1943	1,196,225,062	262,598,550	1,458,823,612

[1] For method of estimating see p. 42, and note below.

[2] Includes 49,886,959 uncurrent standard silver dollars melted for use in manufacture of subsidiary coinage under act of Dec. 18, 1942 (Public Law 815, 77th Cong.).

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1943, was 847,629,915, which added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000 and the number returned in Government transports, 496,859 equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman act of Apr. 23, 1918, total 270,232,722; those melted under act of Dec. 18, 1942, total 49,886,959; those melted otherwise (mutilated, etc.) since 1883 numbered 230,081 and the number of Hawaiian dollars melted to Dec. 31, 1942, was 455,329; a total disposition of 351,587,233, leaving in the United States on Dec. 31, 1943, 497,189,541 standard silver dollars and 699,035,521 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints and assay offices, and bullion depositories, December 31, 1943

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	181,621.227	[1] $6,356,742.88	119,997,896.17	$229,913,362.95
San Francisco	10,327,625.983	361,466,909.22	536,987,660.05	657,882,189.71
Denver	162,505,641.690	[1] 5,687,697,459.38	64,141,366.20	36,724,550.73
ASSAY OFFICES				
New York (including West Point depository)	8,469,807.405	[1] 296,443,267.29	725,737,282.03	775,301,187.64
Seattle	41,800.303	1,463,013.13	11,341.39	7,969.64
BULLION DEPOSITORY				
Fort Knox	445,259,383.764	15,584,078,431.36		
Total	626,785,880.372	21,937,505,823.26	1,446,875,545.84	1,699,829,260.67

[1] Includes gold coin held as bullion: Philadelphia, $548,625.52; Denver, $354,459.45; New York, $25.27.

Cash assets and liabilities of the United States mints and assay offices, and bullion depositories, December 31, 1943—Continued

ASSETS—Continued

Institution	Silver coin [2]	Minor coin	Paper currency
COINAGE MINTS			
Philadelphia	$189,608,215.52	$2,710,735.52	
San Francisco	57,735,163.19	985,434.70	$59,800.00
Denver	34,179,527.41	212,258.25	44,500.00
ASSAY OFFICES			
New York (including West Point depository)	54,545,469.19		4,164,197.00
Seattle			
BULLION DEPOSITORY			
Fort Knox			
Total	336,068,375.31	3,908,428.47	4,268,497.00

Institution	Minor coinage metals	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$398,791.33	$28,444.34	$351,869.87	$429,368,162.41
San Francisco	69,816.40	47,063.82	80,183.60	1,078,326,560.64
Denver	53,626.06	599,411.74	46,373.94	5,759,557,707.51
ASSAY OFFICES				
New York (including West Point depository)		25,519.92		1,130,479,641.04
Seattle				1,470,982.77
BULLION DEPOSITORY				
Fort Knox				15,584,078,431.36
Total	522,233.79	700,439.82	478,427.41	23,983,281,485.73

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Minor coinage metal fund accounts payable	Unsettled accounts	Total
COINAGE MINT						
Philadelphia	$427,805,617.89	$750,000.00	$811,552.88	$661.20	$330.44	$429,368,162.41
San Francisco	1,078,111,087.93	150,000.00	65,281.75		190.96	1,078,326,560.64
Denver	5,759,043,240.89	100,000.00	414,466.62			5,759,557,707.51
ASSAY OFFICES						
New York (including West Point depository)	1,130,463,165.90				16,475.14	1,130,479,641.04
Seattle	1,470,982.77					1,470,982.77
BULLION DEPOSITORY						
Fort Knox	15,584,078,431.36					15,584,078,431.36
Total	23,980,972,526.74	1,000,000.00	1,291,301.25	661.20	16,996.54	23,983,281,485.73

[2] Includes unclassified cash: Philadelphia, $9,547.02; San Francisco, $2,727.29; Denver, $504.91; New York, $469.19.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	----------	----------	3,818	30,000	105,007
1874	60,972	9,540	----------	----------	5,536	39,607	115,655
1875	45,382	8,259	----------	----------	3,711	31,696	89,048
1876	41,912	9,589	----------	----------	3,226	44,533	99,260
1877	76,662	10,962	----------	----------	5,306	39,059	131,989
1878	122,137	6,323	----------	----------	8,192	39,768	176,420
1879	129,920	5,317	----------	----------	21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000	----------	----------	98,105	46,844	302,739
1880	61,481	93,790	----------	----------	92,185	150,086	397,542
1881	84,640	88,726	----------	----------	101,115	210,776	485,257
1882	119,523	51,501	----------	----------	75,326	234,206	480,556
1883	152,608	65,667	----------	----------	73,447	228,297	520,019
1884	171,553	63,163	----------	----------	76,171	215,813	526,700
1885	75,435	72,938	----------	----------	96,742	313,346	558,461
1886	187,197	81,431	----------	----------	97,781	223,200	589,609
1887	182,619	123,145	----------	----------	99,162	245,146	650,072
1888	227,854	97,457	----------	----------	78,224	246,218	649,753
1889	246,402	67,266	----------	----------	84,416	235,435	633,519
1890	226,220	67,646	----------	----------	80,362	274,056	648,284
1891	196,634	83,576	----------	----------	91,890	253,765	625,865
1892	156,662	81,827	----------	----------	100,991	242,622	582,102
1893	73,624	84,632	----------	----------	151,234	281,940	591,430
1894	91,781	47,107	----------	----------	151,117	248,788	538,793
1895	83,187	29,444	----------	----------	147,308	242,645	502,584
1896	121,746	54,648	----------	----------	161,828	251,011	589,233
1897	152,488	45,279	----------	----------	187,609	252,419	637,795
1898	141,070	140,049	----------	----------	263,889	286,892	831,900
1899	257,306	143,078	----------	----------	203,701	293,388	897,473
1900	328,453	153,095	----------	----------	199,350	307,870	988,768
1901	417,343	123,736	----------	----------	190,172	318,389	1,049,640
1902	458,160	159,971	----------	----------	178,147	324,253	1,120,531
1903	478,970	209,437	----------	----------	170,547	332,731	1,191,685
1904	647,262	49,187	----------	----------	195,111	325,262	1,216,822
1905	662,154	101,184	----------	----------	196,681	327,549	1,287,568
1906	737,677	156,543	----------	----------	188,096	376,007	1,458,323
1907	788,468	162,937	----------	----------	203,289	457,995	1,612,689
1908	924,317	111,041	----------	----------	209,186	411,606	1,656,150
1909	934,803	97,347	----------	----------	213,991	392,508	1,638,649
1910	982,586	120,726	----------	----------	227,978	378,745	1,710,035
1911	1,001,413	183,089	----------	----------	235,185	379,941	1,799,628
1912	995,209	258,858	----------	----------	240,452	385,718	1,880,237
1913	987,678	303,585	----------	----------	232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450	----------	118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928	----------	120,396	520,251	2,842,804
1917	679,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,803	286,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,331	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,237,967	0	0	0	0	8,237,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624
1939	(4)	17,643,577	0	0	0	0	17,643,577
1940	(4)	21,994,775	0	0	0	0	21,994,775
1941	(4)	22,736,556	0	0	0	0	22,736,556
1942	(4)	22,726,255	0	0	0	0	22,726,255
1943	(4)	21,937,794	0	0	0	0	21,937,794

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–10 [1]	$461, 306, 021	$58, 613, 159	$34, 283, 578	$554, 202, 758
1911	51, 143, 245	9, 370, 356	4, 019, 825	64, 533, 426
1912	51, 388, 352	11, 413, 021	7, 959, 870	70, 761, 243
1913	41, 299, 073	12, 696, 925	7, 813, 558	61, 809, 556
1914	35, 421, 165	6, 142, 090	7, 626, 125	49, 189, 380
1915	38, 564, 526	8, 361, 692	2, 971, 471	49, 897, 689
1916	52, 210, 988	12, 019, 899	2, 742, 312	66, 973, 199
1917	27, 090, 143	50, 023, 842	2, 656, 203	79, 770, 188
1918	31, 322, 709	202, 503, 389	8, 601, 568	242, 427, 666
1919	14, 440, 703	181, 671, 933	14, 066, 084	210, 178, 720
1920	4, 902, 478	83, 438, 040	5, 970, 531	94, 311, 049
1921	11, 843, 103	29, 916, 641	2, 942, 981	44, 702, 725
1922	10, 682, 662	45, 097, 143	1, 001, 128	56, 780, 933
1923	6, 315, 293	62, 066, 275	681, 762	69, 063, 330
1924	23, 418, 769	79, 593, 505	2, 064, 232	105, 076, 506
1925	8, 371, 476	79, 782, 973	6, 454, 557	94, 609, 006
1926	3, 799, 262	80, 853, 036	3, 891, 161	88, 543, 459
1927	2, 399, 847	54, 748, 487	2, 699, 776	59, 848, 110
1928	544, 052	80, 092, 220	4, 036, 456	84, 672, 728
1929	83, 562	60, 150, 728	2, 554, 128	62, 788, 418
1930	2, 053, 773	47, 320, 561	1, 521, 589	50, 895, 923
1931	4, 653, 596	16, 434, 212	2, 669, 278	23, 757, 086
1932	607, 091	9, 883, 473	3, 359, 330	13, 849, 894
1933	6, 595, 946	8, 609, 401	3, 835, 626	19, 040, 973
1934	6, 628, 829	1, 351, 145	8, 571, 362	16, 551, 336
1935	296, 384	----------	18, 504, 907	18, 801, 291
1936	13, 500	----------	1, 227, 806	1, 241, 306
1937	196, 755	2, 542	753, 138	952, 435
1938	89, 591	75	700, 627	790, 293
1939	5, 757, 886	546, 580	2, 008, 390	8, 312, 856
1940	----------	1, 359, 350	1, 983, 834	3, 343, 184
1941–43 [2]	----------	----------	----------	----------
Total	903, 440, 780	1, 294, 062, 693	170, 173, 193	2, 367, 676, 666

[1] Data for individual years published in Report of the Director of the Mint for 1931.
[2] Data not available.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232, 194, 271	$26, 240, 746	$54, 866, 527	$313, 301, 544
1891–1900	269, 872, 576	63, 081, 893	61, 808, 988	394, 763, 457
1901–10	425, 855, 098	38, 176, 749	17, 907, 809	481, 939, 656
1911	43, 131, 303	5, 208, 615	----------	48, 339, 918
1912	58, 181, 441	9, 329, 080	----------	67, 510, 521
1913	47, 793, 897	3, 674, 207	9, 295	51, 477, 399
1914	27, 554, 123	243, 325	1, 216	27, 798, 664
1915	18, 454, 444	24, 332	32, 435	18, 511, 211
1916–18 [2]	----------	----------	----------	----------
1919	1, 546, 832	2, 766, 240	----------	4, 313, 072
1920	18, 662, 366	24, 727, 149	----------	43, 389, 515
1921	30, 756, 772	16, 789, 537	----------	47, 546, 309
1922	34, 480, 053	16, 457, 043	----------	50, 937, 096
1923	42, 617, 483	10, 115, 264	----------	52, 732, 747
1924	21, 651, 852	1, 791, 582	138, 744	23, 582, 178
1925	24, 391, 638	3, 945, 189	3, 261	28, 340, 088
1926	37, 277, 181	1, 736, 732	1, 325, 776	40, 339, 689
1927	23, 430, 762	694, 776	10, 804	24, 136, 342
1928	19, 756, 973	11, 262, 890	963, 718	31, 983, 581
1929	19, 215, 677	5, 648, 167	----------	24, 863, 844
1930	27, 487, 140	6, 634, 738	145, 854	34, 267, 732
1931 [3]	14, 272, 412	3, 955, 470	392, 919	18, 620, 801
1932	2, 634, 319	4, 907, 127	241, 020	7, 782, 466
1933	2, 720, 612	380, 255	216, 461	3, 317, 328
1934	4, 653, 756	21, 003	170, 574	4, 845, 333
1935	3, 725, 447	1, 550, 346	----------	5, 275, 793
1936	46, 764, 042	905	38, 244	46, 803, 191
1937	16, 999, 886	770	270, 916	17, 271, 572
1938 [4]	2, 506, 904	1, 253	----------	2, 508, 157
1939 [5]	5, 985, 152	----------	----------	5, 985, 152
1940–43 [2]	----------	----------	----------	----------

[1] Data for individual years published in Report of the Director of the Mint for 1931.
[2] Data not available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.
[4] From Year Book, American Bureau of Metal Statistics.
[5] For first 6 months only.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2, 628, 688			162, 343, 853
1881–82 to 1886–87			5, 126, 298			158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 378, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 782
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 386	57, 861, 476	−52, 989, 090
1934–35	79, 992	5, 774, 812	−5, 694, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4, 019, 262	49, 836, 880	48, 320, 802	1, 516, 078
1936–37	172, 781	3, 182, 817	−3, 010, 036	112, 255, 948	2, 144, 483	110, 111, 465
1937–38	169, 525	1, 937, 987	−1, 768, 462	24, 143, 546	8, 364, 562	15, 778, 984
1938–39	80, 355	1, 435, 067	−1, 354, 712	17, 005, 976	6, 006, 016	11, 899, 960
1939–40 [2]	156, 132	3, 019, 293	−2, 863, 161	32, 079, 275	22, 382, 276	9, 696, 999
1940–43 [3]						

[1] Data for individual years 1873–1910 published in report of the Director of the Mint for 1931.
[2] For first 10 months only: Apr. 1, 1939, to Jan. 31, 1940.
[3] Data not available.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold, (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 teals, or 285.33 rupees per 100 ounces was taken as the basis of the value of the annual imports.

Price of silver in London and in New York, 1943–44

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
	Pence	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
1943						
January	23½	23½	23.5000	4.0350	0.42713	0.45062
February	23½	23½	23.5000	4.0350	.42713	.45062
March	23½	23½	23.5000	4.0350	.42713	.45062
April	23½	23½	23.5000	4.0350	.42713	.45062
May	23½	23½	23.5000	4.0350	.42713	.45062
June	23½	23½	23.5000	4.0350	.42713	.45062
July	23½	23½	23.5000	4.0350	.42713	.45062
August	23½	23½	23.5000	4.0350	.42713	.45062
September	23½	23½	23.5000	4.0350	.42713	.45062
October	23½	23½	23.5000	4.0350	.42713	.45062
November	23½	23½	23.5000	4.0350	.42713	.45062
December	23½	23½	23.5000	4.0350	.42713	.45062
1944						
January	23½	23½	23.5000	4.0350	.42713	.45062
February	23½	23½	23.5000	4.0350	.42713	.45062
March	23½	23½	23.5000	4.0350	.42713	.45062
April	23½	23½	23.5000	4.0350	.42713	.45062
May	23½	23½	23.5000	4.0350	.42713	.45062
June	23½	23½	23.5000	4.0350	.42713	.45062
Average, calendar year, 1943			23.5000	4.0350	.42713	.45062
Average, fiscal year 1943–44			23.5000	4.0350	.42713	.45062

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1909	$0.54500	$0.50750	$0.52163
1875	1.26125	1.21000	1.23883	1910	.57625	.50750	.54245
1876	1.26000	1.03500	1.14950	1911	.57500	.52125	.54002
1877	1.26000	1.16000	1.19408	1912	.65625	.55250	.62066
1878	1.20750	1.08500	1.15429	1913	.65125	.58000	.61241
1879	1.16750	1.06500	1.12088	1914	.60875	.49000	.56331
1880	1.15000	1.11250	1.13931	1915	.58000	.47750	.51062
1881	1.14500	1.11000	1.12823	1916	.79125	.57250	.67151
1882	1.15000	1.09000	1.13855	1917	1.16500	.73125	.84000
1883	1.11750	1.09500	1.10874	1918	1.01937	.88937	.98445
1884	1.13250	1.08000	1.11161	1919	1.38250	1.01375	1.12087
1885	1.09500	1.02750	1.06428	1920	1.37875	.60375	1.01940
1886	1.03500	.92500	.99880	1921	.73813	.53188	.63096
1887	1.03500	.95000	.97899	1922	.74188	.62875	.67934
1888	.97750	.92000	.94300	1923	.69000	.62875	.65239
1889	.97250	.92500	.93634	1924	.72375	.63000	.67111
1890	1.20500	.95750	1.05329	1925	.73187	.66812	.69406
1891	1.07500	.94750	.99033	1926	.68937	.51812	.62428
1892	.95250	.83000	.87552	1927	.60312	.54187	.56680
1893	.85000	.65000	.78219	1928	.63937	.56812	.58488
1894	.70000	.59500	.64043	1929	.57812	.46812	.53306
1895	.69000	.60000	.66268	1930	.47187	.31062	.38466
1896	.70250	.65625	.68195	1931	.37562	.26062	.29013
1897	.66125	.52750	.60774	1932	.31312	.24562	.28204
1898	.62250	.55125	.59064	1933	.45312	.24812	.34997
1899	.64750	.58625	.60507	1934	.56062	.42062	.48283
1900	.65750	.59750	.62065	1935	.81312	.50062	.64582
1901	.64500	.54750	.59703	1936	.50062	.45062	.45399
1902	.56875	.47375	.52815	1937	.47062	.45062	.45195
1903	.62375	.47500	.54208	1938	.45062	.43062	.43537
1904	.62500	.53375	.57843	1939	.43062	.35062	.39395
1905	.66500	.55625	.61008	1940	.35937	.35062	.35085
1906	.72375	.63125	.67379	1941	.35437	.35062	.35095
1907	.71000	.52750	.65978	1942	.45062	.35437	.38645
1908	.58875	.48250	.53496	1943	.45062	.45062	.45062

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 3/16	1.297	1888	44 9/16	41 5/8	42 7/8	0.93974
1834	60 3/4	59 3/4	59 15/16	1.313	1889	44 3/8	41 15/16	42 1 1/16	.93511
1835	60	59 1/4	59 1 1/16	1.308	1890	54 5/8	43 5/8	47 3/4	1.04634
1836	60 3/4	59 5/8	60	1.315	1891	48 3/4	43 1/2	45 1/16	.98800
1837	60 3/8	59	59 9/16	1.305	1892	43 3/4	37 7/8	39 3/4	.87145
1838	60 1/8	59 1/2	59 1/2	1.304	1893	38 3/4	30 1/2	35 9/16	.78030
1839	60 5/8	60	60 3/8	1.323	1894	31 3/4	27	28 15/16	.63479
1840	60 3/4	60 1/8	60 3/8	1.323	1895	31 3/8	27 3/16	29 1 3/16	.65406
1841	60 3/8	59 3/4	60 1/16	1.316	1896	31 15/16	29 3/4	30 1 3/16	.67565
1842	60	59 1/4	59 7/16	1.303	1897	29 1 3/16	23 5/8	27 9/16	.60438
1843	59 5/8	59	59 3/16	1.297	1898	28 3/8	25	26 15/16	.59010
1844	59 3/4	59 1/4	59 1/2	1.304	1899	29	26 5/8	27 1/16	.60154
1845	59 7/8	58 7/8	59 1/4	1.298	1900	30 1/4	27	28 5/16	.62007
1846	60 1/8	59	59 5/16	1.300	1901	29 9/16	24 15/16	27 3/16	.59955
1847	60 3/8	58 7/8	59 11 1/16	1.308	1902	26 1/16	21 1 3/16	24 1/16	.52795
1848	60	58 1/2	59 1/2	1.304	1903	28 1/2	21 1 1/16	24 3/4	.54257
1849	60	59 1/2	59 3/4	1.309	1904	28 9/16	24 7/16	26 1 3/32	.57876
1850	61 1/2	59 1/2	60 1/16	1.316	1905	30 5/16	25 7/16	27 1 3/16	.61027
1851	61 5/8	60	61	1.337	1906	33 1/8	29	30 7/8	.67689
1852	61 7/8	59 7/8	60 1/2	1.326	1907	32 7/16	24 1/4	30 3/16	.66152
1853	61 7/8	60 5/8	61 1/2	1.348	1908	27	22	24 1 3/32	.53490
1854	61 7/8	60 7/8	61 1/2	1.348	1909	24 7/8	23 1/16	23 2 3/32	.52016
1855	61 5/8	60	61 5/16	1.344	1910	26 1/4	23 3/16	24 2 1/32	.54077
1856	62 1/4	60 1/2	61 5/16	1.344	1911	26 1/8	23 1 1/16	24 1 9/32	.53928
1857	62 3/8	61	61 3/4	1.353	1912	29 1 1/16	25 1/8	28 1/16	.61470
1858	61 7/8	60 3/4	61 5/16	1.344	1913	29 3/8	26 1/16	27 9/16	.60458
1859	62 3/4	61 3/4	62 1/16	1.360	1914	27 1/4	22 1/8	25 1/4	.55312
1860	62 3/8	61 1/4	61 11 1/16	1.352	1915	27 1/4	22 5/16	23 5/8	.51892
1861	61 3/8	60 1/8	60 13/16	1.333	1916	37 1/8	26 1 1/16	31 3/8	.68647
1862	62 1/8	61	61 7/16	1.346	1917	55	35 1 1/16	40 1 3/16	.89525
1863	61 3/4	61	61 3/8	1.345	1918	49 1/2	42 1/2	47 1 7/32	1.04171
1864	62 1/2	60 5/8	61 3/8	1.345	1919	79 1/8	47 3/4	57 1/32	1.25047
1865	61 5/8	60 1/2	61 1/16	1.338	1920	89 1/2	38 7/8	61 1 3/32	1.34649
1866	62 1/4	60 3/8	61 1/8	1.339	1921	43 3/8	30 5/8	36 2 3/32	.80522
1867	61 1/4	60 3/8	60 9/16	1.328	1922	37 3/8	30 3/8	34 1 3/32	.75403
1868	61 1/8	60 1/8	60 1/2	1.326	1923	33 1 1/16	30 1/2	31 5/16	.70028
1869	61	60	60 7/16	1.325	1924	36 1/16	31 1/2	33 3 1/32	.74456
1870	60 3/4	60 1/4	60 9/16	1.328	1925	33 7/16	31 1/16	32 3/32	.70346
1871	61	60 3/16	60 1/2	1.326	1926	31 3/16	24 1/16	28 1 1/16	.62873
1872	61 1/8	59 1/4	60 5/16	1.322	1927	28	24 3/4	26 1/16	.57070
1873	59 15/16	57 3/8	59 3/16	1.29769	1928	28 7/8	26 1/16	26 3/4	.58267
1874	59 1/2	57 1/4	58 3/16	1.27883	1929	26 7/16	21 5/16	24 1 5/32	.53631
1875	57 5/8	55 1/2	56 1 1/16	1.24233	1930	21 5/8	14 7/16	17 2 1/32	.38724
1876	58 1/2	46 3/4	52 3/4	1.16414	1931	21 9/16	12	14 10 32	.29176
1877	58 1/4	53 1/4	54 13/16	1.20189	1932	20 7/16	16 3/8	17 27/32	.28116
1878	55 1/4	49 1/2	52 13/16	1.15358	1933	20 1/2	16 1/2	18 5/32	.34581
1879	53 3/4	48 7/8	51 1/4	1.12392	1934	25 1/4	18 3/16	21 7/32	.48122
1880	52 13/16	51 1/2	52 1/4	1.14507	1935	36 1/4	20 7/8	28 15/16	.63933
1881	52 7/8	50 7/8	51 1 1/16	1.13229	1936	22 15/16	19	20 1/16	.44934
1882	52 3/8	50	51 5/8	1.13562	1937	21 1/2	18 3/16	20 1/16	.44687
1883	51 3/16	50 1/16	50 9/16	1.10874	1938	20 9/16	18 3/8	19 7/32	.42989
1884	51 3/8	49 1/2	50 1 1/16	1.11068	1939	23 1/2	16 1/16	20 1 3/32	.40776
1885	50	46 7/8	48 9/16	1.06510	1940	23 1/2	20 1/16	22 9/32	.38458
1886	47	42	45 3/4	.99467	1941	23 1/2	23 3/16	23 1 3/32	.42568
1887	47 1/8	43 1/4	44 1 1/16	.97946	1942	23 1/2	23 7/16	23 1/2	.42713
					1943	23 1/2	23 1/2	23 1/2	.42713

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce	United States equivalent of London price [1]		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.45	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10181
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 9.00	18.9188	20.6387	----------
British mint price per standard ounce (0.916⅔)	3 17 10.50	18.9492	----------	.16077
Equivalent per fine ounce	4 4 11.45+	----------	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	----------	----------
Equivalent per fine ounce	4 4 9.82—	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce			United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£	s.	d.		Percent		
1919	4	10	1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	8	12	11.52	27.4863	33.17875	3.6643	20.6960
1921	5	7	.50	26.0463	26.20109	3.8491	20.6007
1922	4	13	3.80	22.7066	10.01952	4.4292	20.6659
1923	4	10	2.90	21.9583	6.39381	4.5748	20.6419
1924	4	13	8.30	22.7978	10.46141	4.4171	20.6923
1925	4	5	5.60	20.7964	.76410	4.8289	20.6355
1926	4	4	11.10	20.6646	.12549	4.8582	20.6291
1927	4	4	11.20	20.6667	.13561	4.8610	20.6430
1928	4	4	11.20	20.6667	.13561	4.8662	20.6651
1929	4	4	11.35	20.6697	.15020	4.8569	20.6287
1930	4	4	11.93	20.6814	.20689	4.8621	20.6625
1931	4	12	6.23	22.5126	9.07954	4.5350	20.9787
1932	5	18	.82	28.7293	39.20110	3.5061	20.6980
1933	6	4	10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6	17	7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6	17	7.85	56.7114	62.29270	5.0393	34.6840
1935	7	2	1.24	58.5450	67.53997	4.9018	34.8281
1936	7	0	3.45	57.7964	65.39768	4.9709	34.8678
1937	7	0	8.77	57.9790	65.92023	4.9440	34.7887
1938	7	2	6.66+	58.7306	68.07111	4.8894	34.8505
1939	7	14	4.07	63.5854	81.96423	4.4354	34.2278
1940	8	8	-----	69.2134	98.07004	3.8300	32.1720
1941	8	8	-----	69.2134	98.07004	4.0318	33.8671
1942	8	8	-----	69.2134	98.07004	4.0350	33.8940
1943	8	8	-----	69.2134	98.07004	4.0350	33.8940
British Mint price per fine ounce	4	4	11.45+	[2] 20.6718	.16077	----------	----------
Bank of England's minimum buying rate per fine ounce	4	4	9.82−	[3] 35.0000			
				[2] 20.6387	----------	----------	----------
				[3] 34.9439			

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1859	$1.052	1881	$0.87575	1903	$0.41960	1925	$0.53681
1838	1.008	1860	1.045	1882	.87833	1904	.44763	1926	.48284
1839	1.023	1861	1.031	1883	.85754	1905	.47200	1927	.43838
1840	1.023	1862	1.041	1884	.85904	1906	.52353	1928	.45237
1841	1.018	1863	1.040	1885	.82379	1907	.51164	1929	.41229
1842	1.007	1864	1.040	1886	.76931	1908	.41371	1930	.29751
1843	1.003	1865	1.035	1887	.75755	1909	.40231	1931	.22440
1844	1.008	1866	1.036	1888	.72683	1910	.41825	1932	.21814
1845	1.004	1867	1.027	1889	.72325	1911	.41709	1933	.27068
1846	1.005	1868	1.025	1890	.80927	1912	.47543	1934	.37344
1847	1.011	1869	1.024	1891	.76416	1913	.46760	1935	.49950
1848	1.008	1870	1.027	1892	.67401	1914	.42780	1936	.35113
1849	1.013	1871	1.025	1893	.60351	1915	.40135	1937	.34956
1850	1.018	1872	1.022	1894	.49097	1916	.53094	1938	.33673
1851	1.034	1873	1.00368	1895	.50587	1917	.69242	1939	.30470
1852	1.025	1874	.98909	1896	.52257	1918	.76142	1940	.27136
1853	1.042	1875	.96086	1897	.46745	1919	.86692	1941	.27144
1854	1.042	1876	.90039	1898	.45640	1920	.78844	1942	.29889
1855	1.039	1877	.92958	1899	.46525	1921	.48801	1943	.34853
1856	1.039	1878	.89222	1900	.47958	1922	.52543		
1857	1.046	1879	.86928	1901	.46093	1923	.50458		
1858	1.039	1880	.88564	1902	.40835	1924	.51906		

Average commercial ratio of silver to gold each calendar year since 1687

Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio	Year	Ratio
1687	14.94	1730	14.81	1773	14.62	1816	15.28	1859	15.19	1902	39.15
1688	14.94	1731	14.94	1774	14.62	1817	15.11	1860	15.29	1903	38.10
1689	15.02	1732	15.09	1775	14.72	1818	15.35	1861	15.50	1904	35.70
1690	15.02	1733	15.18	1776	14.55	1819	15.33	1862	15.35	1905	33.87
1691	14.98	1734	15.39	1777	14.54	1820	15.62	1863	15.37	1906	30.54
1692	14.92	1735	15.41	1778	14.68	1821	15.95	1864	15.37	1907	31.24
1693	14.83	1736	15.18	1779	14.80	1822	15.80	1865	15.44	1908	38.64
1694	14.87	1737	15.02	1780	14.72	1823	15.84	1866	15.43	1909	39.74
1695	15.02	1738	14.91	1781	14.78	1824	15.82	1867	15.57	1910	38.22
1696	15.00	1739	14.91	1782	14.42	1825	15.70	1868	15.59	1911	38.33
1697	15.20	1740	14.94	1783	14.48	1826	15.76	1869	15.60	1912	33.62
1698	15.07	1741	14.92	1784	14.70	1827	15.74	1870	15.57	1913	34.19
1699	14.94	1742	14.85	1785	14.92	1828	15.78	1871	15.57	1914	37.37
1700	14.81	1743	14.85	1786	14.96	1829	15.78	1872	15.63	1915	40.48
1701	15.07	1744	14.87	1787	14.92	1830	15.82	1873	15.93	1916	30.78
1702	15.52	1745	14.98	1788	14.65	1831	15.72	1874	16.16	1917	24.61
1703	15.17	1746	15.13	1789	14.75	1832	15.73	1875	16.64	1918	21.00
1704	15.22	1747	15.26	1790	15.04	1833	15.93	1876	17.75	1919	18.44
1705	15.11	1748	15.11	1791	15.05	1834	15.73	1877	17.20	1920	20.28
1706	15.27	1749	14.80	1792	15.17	1835	15.80	1878	17.92	1921	32.76
1707	15.44	1750	14.55	1793	15.00	1836	15.72	1879	18.39	1922	30.43
1708	15.41	1751	14.39	1794	15.37	1837	15.83	1880	18.05	1923	31.69
1709	15.31	1752	14.50	1795	15.55	1838	15.85	1881	18.25	1924	30.80
1710	15.22	1753	14.54	1796	15.65	1839	15.62	1882	18.20	1925	29.78
1711	15.29	1754	14.48	1797	15.41	1840	15.62	1883	18.64	1926	33.11
1712	15.31	1755	14.68	1798	15.59	1841	15.70	1884	18.61	1927	36.47
1713	15.24	1756	14.94	1799	15.74	1842	15.87	1885	19.41	1928	35.34
1714	15.13	1757	14.87	1800	15.68	1843	15.93	1886	20.78	1929	38.78
1715	15.11	1758	14.85	1801	15.46	1844	15.85	1887	21.10	1930	53.74
1716	15.09	1759	14.15	1802	15.26	1845	15.92	1888	22.00	1931	71.25
1717	15.13	1760	14.14	1803	15.41	1846	15.90	1889	22.10	1932	73.29
1718	15.11	1761	14.54	1804	15.41	1847	15.80	1890	19.75	1933	59.06
1719	15.09	1762	15.27	1805	15.79	1848	15.85	1891	20.92	1934	72.49
1720	15.04	1763	14.99	1806	15.52	1849	15.78	1892	23.72	1935	54.19
1721	15.05	1764	14.70	1807	15.43	1850	15.70	1893	26.49	1936	77.09
1722	15.17	1765	14.83	1808	16.08	1851	15.46	1894	32.56	1937	77.44
1723	15.20	1766	14.80	1809	15.96	1852	15.59	1895	31.60	1938	80.39
1724	15.11	1767	14.85	1810	15.77	1853	15.33	1896	30.59	1939	88.84
1725	15.11	1768	14.80	1811	15.53	1854	15.33	1897	34.20	1940	99.76
1726	15.15	1769	14.72	1812	16.11	1855	15.38	1898	35.03	1941	99.73
1727	15.24	1770	14.62	1813	16.25	1856	15.38	1899	34.36	1942	90.57
1728	15.11	1771	14.66	1814	15.04	1857	15.27	1900	33.33	1943	77.67
1729	14.92	1772	14.52	1815	15.26	1858	15.38	1901	34.68		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are often incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries, the most reliable data available are used in compiling world statistics.

A number of countries are omitted from the tables because of complete lack of information.

In connection with the table "*Monetary stock of principal countries of the world, end of calendar year 1943*"—the following qualifications should be taken in consideration:

Gold stocks—it is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies, and those hoarded or held outside regularly reported stocks.

Silver stocks—The amount of silver in circulation in many countries is not obtainable.

Population estimates, not currently obtainable for 1943 due to wartime population shifts, and other reasons, are the latest available, but do not all relate to the same period.

Totals for the various stocks of money are omitted because of incomplete data for some countries, and complete lack of data for others.

MONETARY STOCK OF PRINCIPAL COUNTRIES OF THE WORLD, END OF CALENDAR YEAR 1943 (SUBJECT TO REVISION)

[Stated in United States money (000 omitted), except paper circulation which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e., an ounce of fine gold=$35. Population, (000 omitted)]

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity unless otherwise indicated)			Monetary silver stock in government treasuries, in banks, and in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central banks, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1943, so far as known	At average exchange rate during December 1943 (official rate unless otherwise indicated)									
North America:												
United States (including Alaska, Hawaii, and Puerto Rico).	Dollar	$1.0000	$1.0000	$21,937,794	-------	$21,937,794	$3,287,090	19,429,909	137,410	$159.65	$23.92	141.40
Canada	Dollar	1.6931	.9091	[1] 5,287	$58	[1] 5,346	46,372	793,695	11,420	.46	4.06	69.50
Mexico [2]	Peso	-------	.2058	203,000	-------	203,000	-------	1,171,000	21,153	9.60	-------	55.36
Newfoundland and Labrador [3]	Dollar	1.6931	.9091	-------	334	334	2,327	13	300	1.11	77.56	.04
Central America and West Indies:												
British Honduras	Dollar	1.6931	1.0000	-------	-------	-------	198	555	58	-------	3.41	9.57
British West Indies: [4]												
Barbados	Dollar	1.7166	.8406	-------	-------	-------	420	1,649	198	-------	2.12	8.33
Jamaica	Pound	8.2397	4.0350	-------	-------	-------	1,129	3,110	1,250	-------	.90	2.49
Trinidad and Tobago	Dollar	1.7166	.8406	-------	-------	-------	1,261	20,000	506	-------	2.49	39.53
Costa Rica	Colon	.7879	[5] 1.1779	-------	-------	-------	-------	[6] 76,700	657	-------	-------	116.74
Cuba [7]	Peso	1.0000	1.0000	46,241	-------	46,241	93,000	145,635	4,395	10.52	21.16	33.14
Dominican Republic [8]	Dollar	1.6931	1.0000	-------	-------	-------	489	3,000	1,768	-------	.28	1.70
French West Indies: Martinique	Franc	-------	-------	[9] 4,442	-------	[9] 4,442	-------	242,292	248	17.91	-------	976.98
Guatemala	Quetzal	1.6931	1.0000	24,518	258	24,776	1,812	16,189	3,400	7.29	.53	4.76
Haiti [10]	Gourde	.2000	.2000	1,025	-------	1,025	-------	23,102	3,000	.34	-------	7.70
Honduras	Lempira	.8466	.4902	109	-------	109	[11] 7,113	2,233	1,170	.09	6.08	1.91
Netherlands West Indies	Florin	.6806	.5333	6,331	-------	6,331	403	27,688	110	62.68	3.66	251.71
Nicaragua	Cordoba	1.6933	.2000	[12] 3,023	-------	[12] 3,023	147	34,871	1,380	2.19	.11	25.27
Panama., Republic of [10]	Balboa	1.0000	1.0000	-------	-------	-------	1,010	-------	632	-------	1.60	-------
Salvador, El [13]	Colon	.8466	[14] 4.4000	10,890	10,000	20,890	520	31,577	1,830	11.42	.28	17.26
South America:												
Argentina	Peso	1.6335	.2977	[15] 939,000	-------	[15] 939,000	-------	[16] 1,680,500	13,709	68.50	-------	122.58
Bolivia	Boliviano	.6180	[17] .0238	14,448	-------	14,448	52	1,075,190	3,457	4.18	.02	311.02
Brazil	Cruzeiro [18]	.2025	.0606	[19] 254,563	-------	[19] 254,563	-------	10,974,666	43,247	5.89	-------	253.77
British Guiana [20]	Dollar	1.7166	.8406	-------	-------	-------	1,433	6,379	347	-------	4.13	18.38
Chile	Peso	.2060	.0323	54,469	2,340	56,809	-------	2,267,705	5,095	11.15	-------	445.08

Colombia	Peso	.5714	.5728	59,201		59,201	9,503	140,115	9,525	6.22	1.00	14.71
Ecuador	Sucre	.3386	.0709	[21] 16,713		[21] 16,713	509	229,967	3,011	5.55	.17	76.38
Paraguay	Guarani [22]		.3226	558		558		[16] 24,643	1,072	.52		22.98
Peru	Sol	.4740	[14] .1538	31,006	574	[23] 31,580	3,538	343,017	7,023	4.50	.50	48.84
Surinam	Florin	.6806	.5333	2,683		2,683	490	6,566	187	14.35	2.62	35.11
Uruguay	Peso	.6583	[5] .6583	87,938	32,873	120,811	6,021	140,711	2,200	54.91	2.74	63.96
Venezuela	Bolivar	.3267	[5] .2985	89,292	12,694	101,985	[24] 37,107	273,763	3,840	26.56	9.66	71.29
Europe: [25]												
Belgium	Belga	.1695		734,000		734,000		16,645,000	8,257	88.89		2,015.87
Bulgaria	Lev	.0122						[26] 22,500,000	6,620			3,398.79
Croatia [27]	Kuna							43,618,000				
Czechoslovakia	Koruna			61,000		61,000		[28] 27,605,000	15,239	4.03		1,811.47
Denmark	Krone	.4537		44,000		44,000		1,359,000	3,863	11.39		351.80
Eire	Pound	8.2397	4.0350	27,921	38	27,960	9,941	34,102	2,990	9.35	3.32	11.41
Finland	Markka	.0426		7,327		7,327		10,825,000	3,684	1.99		2,938.38
France	Franc			2,000,000		2,000,000		500,386,000	41,980	47.37		11,919.63
Germany	Reichsmark	.4033		29,000		29,000		[29] 34,733,000	69,317	.42		501.07
Greece	Drachma	.0220						[30] 1,276,000,000	7,000			182,285.71
Hungary	Pengö	.2961		24,000		24,000		4,392,000	13,726	13.49		319.98
Iceland	Krona	.4537	.1537	2,603		2,603		144,740	123	21.16		1,176.75
Netherlands	Florin	.6806		500,000		500,000		3,478,000	8,923	56.03		389.78
Portugal	Escudo	.0749		60,000		60,000		6,910,000	7,761	7.73		890.35
Rumania	Leu	.0101		316,000		316,000		160,016,000	19,934	15.85		8,027.29
Spain	Peseta			91,000		91,000		16,381,000	26,251	3.47		624.01
Sweden	Krona	.4537		387,000		387,000		2,266,000	6,371	60.74		355.67
Switzerland	Franc			964,000		964,000		3,048,000	4,257	226.45		716.00
United Kingdom	Pound	8.2397	4.0350	[31] 4,665		[31] 4,665		1,088,682	47,735	.10		22.81
Bank For International Settlements						45,000						
Asia:												
British India [32]	Rupee	.6180	.3012	274,392		274,392	39,156	8,408,000	389,000	.71	.10	21.61
Iran	Rial	.0824	.0308	[15] 92,000		[15] 92,000	16,222	5,150,7[14]	12,000	7.67	1.35	429.23
Iraq	Dinar	8.2397	4.0350					[6] 33,700	3,561			9.46
Japan	Yen	.8440						[6] 9,667,000	101,353			95.38
Palestine and Trans-Jordan	Pound	8.2397	4.0350				7,303	34,323	1,585		4.61	21.65
Syria and the Lebanon	Pound		.4577				1,030	[33] 276,879	3,217		.32	86.07
Turkey	Piaster	.0744		[15] 161,000		[15] 161,000		[34] 802,110	17,858	9.02		44.92
Africa:												
British East Africa (Kenya, Tanganyika, Uganda, and Zanzibar) [35]	Shilling	.4120	.2017				21,056	305,814	12,873		1.64	23.76
Egypt and Anglo-Egyptian Sudan	Pound	8.3692	4.1385	112,208		112,208	22,449	104,124	23,118	4.85	.97	4.50
Nyasaland	Pound	8.2397	4.0350	2		2	934	63	2,000		.47	.03
Portuguese East Africa: Mozambique	Escudo	.0749	[36] .0407	7,185		7,185	[36] 956	363,944	4,016	1.79	.24	90.62
Portuguese West Africa: Angola	Escudo	.0749						145,603	3,738			38.95
Rhodesia, Northern [37]	Pound	8.2397	4.0350				605	250	1,387		.44	.18
Rhodesia, Southern	Pound	8.2397	4.0350	7		7	373	3,174	1,453		.26	2.18
Southwest Africa	Pound	8.2397	3.9800				921	772	359		2.57	2.22
Union of South Africa	Pound	8.2397	3.9800	705,524	4,836	710,360	6,012	51,175	10,522	67.51	.57	4.86
Oceania:												
Australia [38]	Pound	8.2397	3.2280	1,953		1,953	62,126	138,523	7,200	.27	8.63	19.24
Fiji Islands	Pound	8.2397	3.6351				948	1,608	215		4.41	7.48
New Zealand	Pound	8.2397	3.2442	23,087		23,087	10,450	37,719	1,634	14.13	6.40	23.08
Total [39]												

See footnotes at end of table.

[1] Does not include gold held by Foreign Exchange Control Board. (Canada.)
[2] Source: Federal Reserve Bulletin, April 1944. (Mexico.)
[3] Canadian coin and currency also circulate. Amount not available. (Newfoundland.)
[4] Partly estimated. Consists of British and British West Indian money. (Br. W. Indies.)
[5] Controlled exchange rate. (Costa Rica, Uruguay, Venezuela.)
[6] Source: League of Nations Bulletin, May 1944. (Costa Rica, Iraq, Japan.)
[7] Consists of Cuban and United States money which circulate 1 to 1. (Cuba.)
[8] Silver, Dominican and United States; paper, United States. (Dominican Republic.)
[9] Gold valued at 0.21006 gram fine per franc or $0.2364. (Martinique.)
[10] United States coin and currency also circulate. (Haiti, Panama.)
[11] Silver, Honduras and United States. (Honduras.)
[12] Stated in United States dollars converted at rate of 5 cordobas per dollar. (Nicaragua.)
[13] Gold valued at 87.50 colones per fine ounce at current exchange ($0.40). Silver includes United States dimes circulating as 25 centavo denomination. (El Salvador.)
[14] Free exchange rate. (Peru, El Salvador.)
[15] Source: Federal Reserve Bulletin, Sept. 1944. (Argentina, Iran, Turkey.)
[16] Notes, including coin. (Argentina, Paraguay.)
[17] Legal exchange rate 42 bolivianos per dollar as of Feb. 12, 1943. (Bolivia.)
[18] Under decree law of Oct. 6, 1942, the cruzeiro (divided into 100 centavos) became the unit of currency, replacing the milreis, but with value unchanged. (Brazil.)
[19] Gold reserves stated in United States dollars, valued by Bank of Brazil at $1,128.088 per kilogram fine. (Brazil.)
[20] Silver (estimated) British and British Guiana; paper, British Guiana. (Br. Guiana.)
[21] Gold valued at 14.10 sucres per dollar. (Ecuador.)
[22] The guarani established as monetary unit under Decree Law #655 of Oct. 5, 1943, effective Nov. 8, 1943. Not defined in terms of gold. Divided into 100 equal parts called "centimos." (Paraguay.)
[23] Gold valued partly at legal parity and partly at current exchange rate. (Peru.)
[24] Silver stock includes some nickel coin. (Venezuela.)
[25] Source of data for European countries: Federal Reserve Bulletin, Sept. 1944 and League of Nations Bulletin, May 1944—except for United Kingdom from the Bankers Magazine (London), Feb. 1944, and from official reports for Eire and Iceland.
[26] July, provisional. (Bulgaria.)
[27] One kuna=1 Yugoslavian dinar. Notes are issue of Croat State Bank. (Croatia.)
[28] Includes notes of National Bank of Bohemia and Moravia, and of National Bank of Slovakia. (Czechoslovakia.)
[29] Includes notes of Reichbank and of Rentenbank. (Germany.)
[30] Sept., provisional. (Greece.)
[31] Represents gold coin and bullion in issue and banking departments of Bank of England, valued at 168 shillings per ounce. (United Kingdom.)
[32] Source: The Statist (London), Jan. 22, 1944. Silver is rupee coin in Reserve Bank of India. (India.)
[33] Valued at 2.18½ Syro-Lebanese pounds per dollar. (Syria & Lebanon.)
[34] Source: Foreign Commerce Weekly, April 24, 1944. (Turkey.)
[35] Report of East African Currency Board, June 30, 1943. (Br. E. Africa.)
[36] Conversion at 97.70 escudos per South African pound. (Portuguese E. Africa.)
[37] Estimated. Coins and notes are those of United Kingdom and Southern Rhodesia Currency Board. (Northern Rhodesia.)
[38] Data as of June 30, 1943. (Australia.)
[39] Totals omitted because of incompleteness of data. See remarks above.

COINAGE OF NATIONS
CALENDAR YEAR 1942[1]

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed [2]	Number of fine ounces consumed
United States	Dollar	102,054,774	$28,529,893	73,825,573
British Empire:				
Australia	Pound	3,682,400	4,786,670	12,386,259
British Guiana	Dollar	14,400	2,108	5,455
British Honduras	Dollar	1,000	267	691
Canada	Dollar	3,742,452	867,762	2,245,471
Fiji Islands	Pound	60,000	75,714	195,922
Great Britain	Pound	10,623,980	7,464,796	19,316,331
Kenya Colony & Protectorate	Pound	255,200	123,278	319,000
New Zealand	Pound	165,000	115,935	300,000
Newfoundland	Dollar	44,191	11,848	30,658
Palestine	Pound	500,000	521,708	1,350,000
Southern Rhodesia	Pound	496,000	644,739	1,668,353
Union of South Africa	Pound	1,099,599	1,236,190	3,198,835
Colombia	Peso	314,000	87,780	227,144
Dominican Republic	Dollar	340,000	95,050	245,953
Egypt	Pound	77,000	11,161	28,882
Eire	Pound	128,856	135,809	351,426
Mexico	Peso	2,892,000	431,185	1,115,760
Netherlands Government:				
East Indies	Florin	17,119,750	2,135,762	5,526,618
Surinam	Florin	225,000	25,227	65,279
Uruguay	Peso	3,645,732	815,326	2,109,785
Total for countries reporting			48,118,208	124,513,405

[1] Gold coinage in 1942: Iran reported coinage of 310 one pahlavi coins and 690 one-half pahlavi coins, which consumed approximately 154 fine ounces of gold. These coins are objects of value rather than a circulating medium.
[2] Valued at annual average price of silver in New York, $0.38645 per fine ounce.

COINAGE OF NATIONS, CALENDAR YEAR 1943[1]

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed [2]	Number of fine ounces consumed
United States	Dollar	105,772,800	$34,478,468	76,513,399
British Empire:				
Australia	Pound	4,220,000	6,396,346	14,194,546
British Guiana	Dollar	19,200	3,277	7,273
British Honduras	Dollar	2,000	623	1,382
Canada	Dollar	7,059,008	1,908,558	4,235,405
Eire	Pound	86,144	105,867	234,937
Fiji Islands	Pound	60,000	88,286	195,922
Great Britain	Pound	6,855,952	5,617,144	12,465,367
Malaya	Dollar	1,252,871	295,714	656,239
New Guinea	Pound	50,356	76,326	169,379
New Zealand	Pound	425,000	348,206	772,727
Newfoundland	Dollar	28,054	8,770	19,462
Seychelles	Rupee	9,000	1,394	3,094
Southern Rhodesia	Pound	250,000	378,930	840,909
Union of South Africa	Pound	1,061,037	1,390,908	3,086,655
Ecuador	Sucre	20,000,000	1,043,119	2,314,853
Egypt	Pound	313,570	530,008	1,176,176
El Salvador	Colon	300,000	117,351	260,421
Guatemala	Quetzal	142,500	49,548	109,956
Iraq	Dinar	224,000	292,074	648,161
Netherlands Government:				
Curacao	Florin	175,000	23,065	51,184
East Indies	Florin	20,800,000	2,607,798	5,787,134
Surinam	Florin	900,000	118,220	262,350
Saudi-Arabia	Riyal	4,000,000	619,603	1,375,000
Uruguay	Peso	8,348,000	2,176,990	4,831,099
Total for countries reporting			58,676,593	130,213,030

[1] No gold coinage reported for 1943.
[2] Valued at annual average price of silver in New York, $0.45062 per fine ounce

COIN (DOMESTIC AND FOREIGN) WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING CALENDAR YEARS 1942 AND 1943

[So far as reported to Director of the United States Mint]

Country	1942		1943 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
United States	*Value* $858,775	*Fine ounces* 1,758,668	*Value* $113,763	*Fine ounces* [2] 38,314,100
British Empire:				
Australia	910	8,752	315	4,517
British East Africa		250		165
British West Africa		111,422	[3]	[3]
Canada		56,282		38,405
Great Britain		350,901		314,710
Jamaica		2,038		2,408
Newfoundland		5,612		1,204
Nyasaland	2,326			
Union of South Africa		640		
Chile		2,151		
El Salvador		516,593		
Mexico		11,268	[3]	[3]
Nicaragua		4,887		
Peru			5,635	32,151
Total for countries reporting	862,011	2,829,464	119,713	38,707,690

[1] Gold valued at $35 per fine ounce.
[2] Includes 49,886,959 unfit standard silver dollars melted for recoinage into subsidiary silver coin (act of Dec. 18, 1942).
[3] Data not available.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1942 AND 1943

[Includes new and old bullion, domestic and foreign coin, and other materials so far as reported to Director of the United States Mint]

Country	1942		1943	
	Gold [1]	Silver	Gold [1]	Silver
United States	*Value* $75,742,495	*Fine ounces* 131,419,224	*Value* $96,864,353	*Fine ounces* 162,112,863
Australia	374,290		200,760	44,344
British Guiana	1,400,000	4,000,000		
Canada	15,575		2,398,480	1,247
Colombia	10,115		185,815	
Dominican Republic	9,464,315	949,618		
Egypt	5,635	547	9,107,595	978,467
Guatemala			5,635	804
Iceland	1,584,380	2,636,361	13,510	19,290
Iran			[2]	[2]
Martinique	458,640	1,456,805	1,190	10
Mexico	3,535	11	[2]	[2]
Nicaragua			10,150	51
Panama, Republic of	258,825	[3] 1,336,211	4,515	1,665
Paraguay	47,250		24,745	
Peru			478,240	1,511,085
Surinam			63,000	
Venezuela			450,100	
Total for countries reporting	89,365,055	141,798,777	109,808,088	164,669,826

[1] Gold valued at $35 per fine ounce.
[2] Data not available.
[3] For June 1942–May 1943.

WORLD PRODUCTION OF GOLD AND SILVER

[Partly estimated and subject to revision]

Country	Calendar year 1942						Calendar year 1943					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.38645 per ounce	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.45062 per ounce
North America:												
United States [1]	111,446	3,583,080	$125,407,800	1,737,430	55,859,658	$21,586,965	42,946	1,380,758	$48,326,530	1,268,853	40,794,568	$18,382,848
Canada	150,581	4,841,306	169,445,710	643,690	20,695,101	7,997,622	113,517	[2] 3,649,671	127,738,485	535,942	[2] 17,230,939	7,764,606
Mexico	24,855	799,107	27,968,745	2,639,577	84,864,359	32,795,832	19,743	[2] 634,752	22,216,320	2,689,000	[2] 86,453,345	38,957,606
Newfoundland	490	[2] 15,750	551,250	34,404	[2] 1,106,121	427,460	583	[2] 18,735	655,725	39,150	[2] 1,258,708	567,199
Total	287,372	9,239,243	323,373,505	5,055,101	162,525,239	62,807,879	176,789	5,683,916	198,937,060	4,532,945	145,737,560	65,672,259
Central America and West Indies [3]	10,357	333,000	11,665,000	133,745	4,300,000	1,661,735	9,403	302,300	10,580,500	111,537	3,586,000	1,615,923
South America:												
Argentina	653	20,994	734,790	35,266	1,133,828	438,168	622	[4] 20,000	700,000	34,214	[4] 1,100,000	495,682
Bolivia	629	20,228	707,980	253,163	8,139,378	3,145,463	259	8,327	291,428	227,017	7,299,561	3,289,328
Brazil	6,117	196,660	6,883,100	736	23,664	9,145	4,987	160,336	5,611,760	935	30,061	13,546
Chile	5,827	187,335	6,556,725	28,153	905,140	349,791	8,392	269,807	9,443,245	34,013	1,093,542	492,772
Colombia	18,557	596,618	20,881,630	7,659	246,243	95,161	17,589	565,500	19,792,500	6,530	209,944	94,605
Ecuador	3,186	102,416	3,584,560	8,147	261,945	101,229	2,821	90,691	3,174,185	9,354	300,748	135,523
Guiana, British	910	29,267	1,024,345	----------	----------	----------	546	17,554	614,390	----------	----------	----------
Guiana, Netherlands (Surinam)	245	[2] 7,883	275,905	----------	----------	----------	167	5,369	187,915	----------	----------	----------
Peru	8,014	257,655	9,017,925	498,745	16,035,022	6,196,734	6,123	196,868	6,890,380	455,969	14,659,744	6,605,974
Uruguay [4]	31	1,000	35,000	----------	----------	----------	31	1,000	35,000	----------	----------	----------
Venezuela	2,742	88,150	3,085,250	----------	----------	----------	1,804	58,000	2,029,965	----------	----------	----------
Total	46,911	1,508,206	52,787,210	831,869	26,745,220	10,335,691	43,341	1,393,452	48,770,763	768,052	24,693,600	11,127,430
Europe: Rumania [5]	2,607	83,817	2,933,595	2,775	89,218	34,478	2,663	86,615	3,031,525	3,172	101,982	45,955
Asia:												
British India [6]	7,994	257,000	8,995,000	----------	----------	----------	7,849	252,353	8,832,355	----------	----------	----------
Philippine Islands [1]	4,937	158,726	5,555,410	7,191	231,197	89,346	428	13,764	481,740	811	23,061	11,748

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1942						Calendar year 1943					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.38645 per ounce	Kilos fine	Ounces fine	Value $35 per ounce	Kilos fine	Ounces fine	Value $0.45062 per ounce
Africa:												
Bechuanaland	480	15,445	540,575	39	1,267	490	403	12,966	453,810	38	1,221	550
Belgian Congo [2]	15,550	499,944	17,498,040	(7)	(7)	(7)	14,099	453,300	15,865,500	116,656	3,750,579	1,690,086
British East Africa [4]	5,288	170,000	5,950,000	1,306	42,000	16,231	36,702	1,180,000	41,300,000	1,089	35,000	15,772
British West Africa [4]	24,883	800,000	28,000,000	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)
Camerouns, French [2]	645	20,747	726,145				610	19,618	686,630			
Egypt	55	1,768	61,880				28	890	31,150			
Portuguese East Africa (Mozambique)	202	[4] 6,500	227,500	31	[4] 1,000	386	203	6,533	228,655	28	907	409
Portuguese West Africa (Angola)	(7)	(7)	(7)				[4] 100	3,215	112,525			
Rhodesia, Northern	35	1,134	39,690	3	104	40	22	703	24,605	1	41	18
Rhodesia, Southern	23,640	760,030	26,601,050	5,094	163,776	63,291	20,425	656,684	22,983,940	3,711	119,322	53,769
Southwest Africa	(7)	212	7,420				5	169	5,915			
Union of South Africa	439,394	14,126,852	494,439,820	45,957	1,477,557	571,002	398,261	12,804,379	448,153,265	41,493	1,334,042	601,146
Oceania:												
Australia	34,214	[4] 1,100,000	38,500,000	311,035	[4] 10,000,000	3,864,500	23,367	751,279	26,294,765	248,828	[4] 8,000,000	3,604,960
Fiji Islands	2,830	90,973	3,184,055	899	28,911	11,173	2,004	64,420	2,254,700	607	19,518	8,795
Total for world [8]												

[1] Refinery production in the United States.
[2] Source: United States Bureau of Mines.
[3] Partly estimated.
[4] Estimated.
[5] Source: Mining Journal (London), Aug. 26, 1944.
[6] Source: Mining Journal (London), Apr. 5, 1944.
[7] Data not available.
[8] World totals omitted because of incompleteness of data.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [2]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89 0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1941, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

Production of gold and silver in the world since the discovery of America—Continued

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Commercial value	Fine ounces	Commercial value	Gold	Silver	Gold	Silver
1901–1905	15,606,730	$322,619,800	78,033,650	$1,613,099,100	167,995,408	$95,942,178	839,977,042	$479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,503,000			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,966,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,022,180	455,239,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8
1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8
1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,556,347	466,284,303			210,013,423	126,969,915	9.7	90.3	78.6	21.4
1914			21,652,883	447,608,337			172,263,596	95,282,440	11.2	88.8	82.4	17.6
1915			22,846,608	472,283,884			173,000,507	88,337,519	11.7	88.3	84.2	15.8
1916			22,032,542	455,455,670			180,801,919	121,410,297	10.9	89.1	79.0	21.0
1917			20,346,043	420,592,147			186,125,017	156,345,014	9.9	90.1	72.9	27.1
1918			18,588,127	384,251,378			203,159,431	200,000,302	8.4	91.6	65.8	34.2
1919			17,339,679	358,443,791			179,849,940	201,588,402	8.8	91.2	64.0	36.0
1920			16,146,830	333,784,924			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,997,692	330,702,190			171,285,542	108,074,326	8.5	91.5	75.4	24.6
1922			15,496,859	320,349,102			209,815,448	158,207,142	6.9	93.1	66.9	33.1
1923			17,845,349	368,895,948			246,009,534	172,275,556	6.8	93.2	68.2	31.8
1924			18,619,481	384,899,578			239,484,703	178,310,730	7.2	92.8	68.3	31.7
1925			18,673,178	384,009,921			245,213,993	172,493,235	7.1	92.9	69.0	31.0
1926			19,117,568	395,198,984			253,795,166	159,568,635	7.0	93.0	71.2	28.8
1927			19,058,736	393,979,954			253,981,085	144,947,005	7.0	93.0	73.1	26.9
1928			18,885,849	390,386,574			257,925,154	151,213,780	6.8	93.2	72.1	27.9
1929			19,207,452	397,153,303			260,970,029	139,960,836	6.9	93.1	73.9	26.1
1930			20,903,736	432,118,638			248,708,426	96,309,849	7.8	92.2	81.8	18.2
1931			22,284,290	460,650,527			195,919,987	56,842,265	10.2	89.8	89.0	11.0
1932			24,098,676	498,163,970			164,892,802	46,506,363	12.8	87.2	91.5	8.5
1933			25,400,295	525,070,547			169,159,054	59,200,666	13.1	86.9	89.9	10.1
1934			27,372,374	958,033,090			190,398,156	91,929,942	12.6	87.4	91.2	8.8
1935			29,999,245	1,049,973,580			220,704,231	142,535,205	12.0	88.0	88.0	12.0
1936			32,930,554	1,152,569,390			253,695,856	115,175,382	11.5	88.5	90.9	9.1
1937			35,118,298	1,229,140,430			274,573,873	124,077,392	11.3	88.7	90.8	9.2
1938			37,703,334	1,319,616,690			267,765,434	116,577,034	12.3	87.7	91.9	8.1
1939			39,534,430	1,383,705,050			265,926,968	104,761,930	12.9	87.1	93.0	7.0
1940			41,067,101	1,437,348,535			272,510,428	95,610,284	13.1	86.9	93.8	6.2
1941			40,332,204	1,411,627,140			262,854,226	92,248,691	13.3	86.7	93.9	6.1
Total 1493-1941 [3]			1,416,008,138	33,339,610,839			17,515,963,146	15,546,575,504	7.5	92.5	68.2	31.8

[3] World totals omitted during war period due to incomplete data.

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1941

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS DURING THE CALENDAR YEAR 1940

ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1941

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1940

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Director of the Mint

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1941

REPORT OF THE DIRECTOR OF THE MINT ON THE
OPERATIONS OF THE MINT SERVICE
FOR THE FISCAL YEAR 1941

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 3, 1941.

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1941, being the Sixty-ninth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1940.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1941, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, merely bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year ending June 30, 1941, amounting to 1,599,349,007 pieces, exceeded the production of any previous fiscal year in the history of the Government. The nearest approach to this production was 768,090,830 pieces in the fiscal year 1940; and during the fiscal year 1937, 760,915,737. As in previous years, the coin most largely produced was the 1-cent piece. The production in 1941, in amount $74,987,420, consisted of 282,675,357 subsidiary silver coins, $49,211,552; 315,228,278 nickel coins, $15,761,414; and 1,001,445,372 bronze coins, $10,014,454.

Coinage for foreign governments amounted to 170,672,500 pieces, compared with 35,695,000 pieces during the prior year. The foreign coinage consisted of silver, nickel, and bronze coins for the Netherlands East Indies, Dominican Republic, Indochina, and Liberia.

The grand total of domestic and foreign coins made in 1941 amounted to 1,770,021,507 pieces, an increase of 966,235,677 over the prior year.

Bullion Deposit Transactions

The number of bullion deposit transactions during the year totaled 48,147, including 75 inter-mint-service transactions, as compared with 51,780 and 75, respectively, during the prior year. The deposit transactions required 74,716 assay determinations, which compares with 81,425 assay determinations during the prior year.

Transfer of Bullion for Long-Term Storage

Refined gold bullion having a value of approximately $9,056,000,000 was transferred during the fiscal year 1941 from the New York Assay Office to the bullion depository at Fort Knox, Ky., and approximately $317,600,000 in refined gold bullion was transferred from the mint at San Francisco, Calif., to the mint at Denver Colo., for long-term storage.

During the year 97,372 bars containing 101,970,173 fine ounces of silver were transferred from the New York Assay Office to the silver bullion depository at West Point, N. Y., for long-term storage. The depository now contains a total of 1,542,694,885 fine ounces of silver bullion, all of which was transferred from Government buildings and rented quarters in New York City since completion of the depository in 1938.

Gold Operations

Gold acquisitions by the mints and assay offices during the year, stated on the usual basis of classified melted receipts, amounted to $3,529,187,190; receipts from other Treasury offices of domestic coin melted during the year amounted to $793,132; and transfers between mint-service institutions amounted to $9,408,295,799. These transactions total $12,938,276,121, compared with $3,235,067,233 for the prior year.

The acquisitions include $166,877 of gold received at $20.67+ per fine ounce. The increment on this gold amounted to $115,663.

Silver Operations

The Government's acquisitions of silver during the year totaled 163,328,911 fine ounces, at an average cost of 51.1 cents per fine ounce and a total cost of $83,464,650. The acquisitions consist of the following:

Item	Amount (fine ounces)	Cost
Newly mined domestic silver	71,933,816.47	$51,116,087.80
Purchase Act silver	90,221,115.33	31,949,309.33
Silver contained in gold bullion deposits, etc.	577,319.45	200,031.29
Silver received in exchange for Government-stamped bars	596,660.20	199,221.77
Total	163,328,911.45	83,464,650.19

United States coin received for recoinage totaled 2,727,908 fine ounces, with a recoinage value of $3,771,085. Silver deposited by other governments, for foreign coinage, totaled 5,854,031 fine ounces. Silver transfers between mint-service institutions totaled 102,063,704 fine ounces. These items plus the silver acquired during the year

brought the total transactions in silver to 273,974,554 fine ounces, compared with the prior year's total of 262,269,416.

During the year 1941, $82,747,474 of silver certificates were issued against 64,000,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 62+ cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is $43,027,216, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1941 averaged $0.35062, which price prevailed, without change, during the entire fiscal year.

For newly mined domestic silver a return to the depositor of $0.7111+ per fine ounce, established by the Act of July 6, 1939, prevailed during the fiscal year 1941.

Refineries

The electrolytic refineries produced during the year 7,508,837 fine ounces (257.4 tons of electrolytically refined gold bullion and 5,073,331 fine ounces (173.9 tons) of silver bullion. During the prior year the quantities produced were 5,060,586 fine ounces (173.5 tons) of gold and 2,253,971 fine ounces (77.3 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions increased during the fiscal year 1941 by approximately 78.1 tons, to 2,151.1 tons. The increase in 1940 was about 309 tons.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1941, the estimated stock of domestic coin in the United States was $1,193,690,047, of which $547,077,816 was standard silver dollars, $447,247,860 subsidiary silver coin, and $199,364,371 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $22,624,197,712, an increase of $2,661,106,843, and the stock of silver bullion was 2,491,134,457 fine ounces, an increase of 125,965,283.

Production of Gold and Silver

Domestic gold production during the calendar year 1940 was 6,003,105 fine ounces, with a monetary value of $210,108,700, compared with 5,611,171 fine ounces, with a monetary value of $196,391,000 in 1939, which was the previous year of largest production.

Domestic silver production during the calendar year 1940 totaled 69,585,734 ounces. This compares with 65,119,513 ounces for 1939 and with the record production of 74,961,075 fine ounces for 1915.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1940 is estimated at $41,178,387. Gold returned from industrial use amounted to $27,872,355. These items give a net industrial consumption of new gold during the year of $13,306,032, compared with $7,460,600 during the calendar year 1939.

Silver used in the arts is estimated at 67,062,632 fine ounces, of which 22,563,729 fine ounces were new material.

Compared with the prior year, there was an increase in gold consumption of approximately 68,000 ounces and a decrease in silver consumption in industry of about 2,500,000 ounces.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1941 totaled $2,720,540; the Deficiency Act of June 27, 1940 provided $1,608,000 for special movements of bullion during the fiscal year 1940, to remain available until June 30, 1941, none of which was obligated during the fiscal year 1940 leaving the entire amount available for the fiscal year 1941; the First Supplemental Civil Functions Appropriation Act approved October 9, 1940, provided $1,335,380; the Additional Urgent Deficiency Appropriation Act approved May 24, 1941, provided an additional $270,500, and reimbursements to appropriations for services rendered amounted to $773,233 making a total of $6,707,653.

Expenses amounted to $6,871,718, of which $6,642,675 was chargeable to appropriations and $229,043 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $51,653,974, of which $46,467,922 was seigniorage. The seigniorage on subsidiary silver coin was $23,346,561, and on minor coin, $23,121,361. Extraordinary income aggregated $43,142,879, of which $43,027,216 was seigniorage on silver bullion revalued to $1.29+ per ounce, and $115,663 was the increment to $35 per ounce on revalued gold.

General Activities

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1941, and number of employees on June 30, 1941, at each institution are shown in the following table:

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1941

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Employees, June 30, 1941
Philadelphia	5,854	7,973	$28,519,529	$32,695,012	$2,325,908	+$30,369,104	1,207
San Francisco	20,039	23,934	401,585,472	8,580,624	1,106,289	+7,474,335	487
Denver	5,084	8,524	386,677,368	7,516,580	764,439	+6,752,141	392
New York	11,335	27,594	3,249,912,475	2,762,959	2,393,603	+369,356	222
New Orleans	1,608	1,606	701,170	5,318	26,770	−21,452	10
Seattle	4,227	5,085	30,060,200	93,481	49,655	+43,826	19
Fort Knox			9,055,884,652		74,527	−74,527	38
Total	48,147	74,716	13,153,340,866	51,653,974	6,741,191	+44,912,783	2,375
Bureau of the Mint					130,527	−130,527	53
Grand total	48,147	74,716	13,153,340,866	51,653,974	6,871,718	+44,782,256	2,428
Prior fiscal year	51,780	81,425	3,574,430,723	30,166,882	2,783,988	+27,382,894	1,048

[1] Includes inter-institution transactions, $9,408,416,726. Omits silver having a monetary value of $131,840,224 transferred from the New York Assay Office to its auxiliary silver bullion depository at West Point, N. Y.

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1941, follow:

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars	$7,331,847.00	$2,383,000.00	$1,876,200.00	$11,591,047.00	23,182,094
Quarter dollars	14,769,365.25	2,410,000.00	2,272,600.00	19,451,965.25	77,807,861
Dimes	11,401,540.20	2,829,000.00	3,938,000.00	18,168,540.20	181,685,402
Total silver	33,502,752.45	7,622,000.00	8,086,800.00	49,211,552.45	282,675,357
Minor:					
5-cent nickels	10,143,563.90	2,422,750.00	3,195,100.00	15,761,413.90	315,228,278
1-cent bronze	8,032,953.72	968,100.00	1,013,400.00	10,014,453.72	1,001,445,372
Total minor	18,176,517.62	3,390,850.00	4,208,500.00	25,775,867.62	1,316,673,650
Total domestic coinage	51,679,270.07	11,012,850.00	12,295,300.00	74,987,420.07	1,599,349,007
Prior year:					
Total coinage, value	$29,870,584.05	$4,376,300.00	$5,747,800.00	$39,994,684.05	
Total coinage, pieces	616,210,630	92,770,000	59,110,200		768,090,830

Coinage by the United States for Other Countries

The coinage for other countries during the fiscal year 1941 totaled 170,672,500 pieces, as compared with 35,695,000 pieces during the prior fiscal year, as follows:

Country	Philadelphia	San Francisco	Total
	Pieces	*Pieces*	*Pieces*
Silver: Netherlands East Indies	58,800,000	33,560,000	92,360,000
Nickel:			
Liberia	1,312,500		1,312,500
Indochina		75,000,000	75,000,000
Total nickel	1,312,500	75,000,000	76,312,500
Bronze: Dominican Republic	2,000,000		2,000,000
Total coinage	62,112,500	108,560,000	170,672,500
Prior fiscal year, total coinage	10,425,000	25,270,000	35,695,000

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine-gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1941, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1940:		1941—Continued.	
July	$13,619.55	March	$32,979.54
August	15,180.20	April	19,880.27
September	13,108.35	May	24,384.77
October	13,904.69	June	92,880.88
November	23,928.83		
December	17,768.01	Total	307,134.36
1941:			
January	18,725.15	Prior fiscal year	335,665.41
February	20,774.12		

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1941, and balances on hand June 30, 1941, as compared with June 30, 1940, are shown in the following table:

Institution	Balance on hand June 30, 1940	Receipts during fiscal year 1941 (details below) [1]	Total	Disbursements during fiscal year 1941 (details below) [1]	Balance on hand June 30, 1941
Philadelphia	$6,445,632.94	$4,368,610.27	$10,814,243.21	$3,944,035.24	$6,870,207.97
San Francisco	1,304,607,931.92	357,823,886.07	1,662,431,817.99	317,637,039.16	1,344,794,778.83
Denver	4,118,502,457.18	384,275,824.08	4,502,778,281.26	20,775.74	4,502,757,505.52
New York	9,005,650,194.50	3,855,757,435.76	12,861,407,630.26	10,673,924,323.12	2,187,483,307.14
New Orleans	226,316.59	693,540.35	919,856.94	714,676.70	205,180.24
Seattle	3,620,061.74	30,024,481.59	33,644,543.33	30,261,549.12	3,382,994.21
Fort Knox	5,523,706,735.45	9,055,884,651.77	14,579,591,387.22		14,579,591,387.22
Total	19,962,759,330.32	13,688,828,429.89	33,651,587,760.21	11,026,502,399.08	22,625,085,361.13

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$4,355,308.83	$10,936.67		$2,364.77	$4,368,610.27
San Francisco	357,604,826.33	115,544.70	$1,750.00	101,765.04	357,823,886.07
Denver	35,688,556.87	23,189.48	348,560,170.33	3,907.40	384,275,824.08
New York	3,851,820,261.21	84,972.22	3,847,251.53	4,950.80	3,855,757,435.76
New Orleans	692,441.94	76.97	700.00	321.44	693,540.35
Seattle	30,019,877.55	3,938.54		665.50	30,024,481.59
Fort Knox			9,055,884,651.77		9,055,884,651.77
Total	4,280,181,272.73	238,658.58	9,408,294,523.63	113,974.95	13,688,828,429.89

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depository	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$86,800.38	$3,847,251.53	$9,983.33	$3,944,035.24
San Francisco	18,585.07	317,582,321.21	36,132.88	317,637,039.16
Denver	11,995.23		8,780.51	20,775.74
New York	1,617,869,475.14	9,055,888,725.07	166,122.91	10,673,924,323.12
New Orleans		714,676.70		714,676.70
Seattle		30,261,549.12		30,261,549.12
Total	1,617,986,855.82	9,408,294,523.63	221,019.63	11,026,502,399.08

[1] Includes transfers.

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1941. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints unissued	Issued	Melted	Amount issued and outstanding June 30, 1941
Copper half cents [1]	$39,926.11		$39,926.11	$2.04	$39,924.07
Copper cents	1,562,887.44		1,562,887.44	383,653.06	1,179,234.38
Copper-nickel cents	2,007,720.00		2,007,720.00	809,137.28	1,198,582.72
Bronze cents	88,073,854.98	$964,980.25	87,108,874.73	1,965,892.70	85,142,982.03
Bronze 2 cents	912,020.00		912,020.00	344,098.84	567,921.16
Nickel 3 cents	941,349.48		941,349.48	287,974.44	653,375.04
Nickel 5 cents	125,018,596.60	955,150.00	124,063,446.60	11,762,132.40	112,301,314.20
Total	218,556,354.61	1,920,130.25	216,636,224.36	15,552,890.76	201,083,333.60

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Bullion (1.000 fine)

In order to maintain uniformity in assay of bullion in the offices of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office, while the Philadelphia Mint makes proof and inquartation silver. During the fiscal year 1941 other mints and assay offices were furnished 116 ounces of proof gold, 200 ounces of proof silver, and 4,196 ounces of inquartation silver.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1941

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1941, was 104.3 million fine ounces of gold and 149.3 million fine ounces of silver. There were also operated upon at the coinage mints 493.5 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold 0.0005; silver, 0.001.

GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	232,273	232,387	100,614	232	114		
Coining	678	689	511		11		
San Francisco Mint:							
Melting and refining	28,402,555	28,405,485	7,897,636	28,403	2,930		
Coining		8			8		
Denver Mint:							
Melting and refining	13,095,897	13,096,457	2,082,985	13,096	560		
Coining		4			4		
New York Assay Office:							
Melting and refining	102,699,266	102,701,601	94,213,771	102,699	2,335		
Total melting and refining	144,429,991	144,435,930	104,295,006	144,430	5,939		
Total coining	678	701	511		23		
Grand total	144,430,669	144,436,631	104,295,517	144,430	5,962		

SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	54,399,881	54,407,841	51,348,876	81,600	7,960		
Coining	49,492,186	49,472,744	48,298,031	49,492		19,442	0.4025
San Francisco Mint:							
Melting and refining	552,519,778	552,527,287	13,176,431	828,780	7,509		
Coining	12,389,022	12,383,506	12,191,728	12,389		5,516	0.4524
Denver Mint:							
Melting and refining	18,592,700	18,598,594	11,990,261	27,889	5,894		
Coining	10,248,376	10,247,875	9,531,495	10,248		501	0.0525
New York Assay Office:							
Melting and refining	6,275,545	6,282,882	2,805,204	9,413	7,337		
Total melting and refining	631,787,904	631,816,604	79,320,772	947,682	[1] 28,700		
Total coining	72,129,584	72,104,125	70,021,254	72,129		[1] 25,459	0.3636
Grand total	703,917,488	703,920,729	149,342,026	1,019,811	[1] 3,241		

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	26,873,088	26,609,180	24,338,204			263,908	10.8434
Coining	47,416,242	47,393,182	43,752,336			23,060	.5271
San Francisco Mint:							
Melting and refining	32,863,812	32,743,684	31,876,214			120,128	3.7685
Coining	30,015,508	29,955,352	30,015,243			60,156	2.0042
Denver Mint:							
Melting and refining	16,759,617	16,691,751	15,711,579			67,866	4.3196
Coining	15,832,451	15,828,426	15,264,218			4,025	.2637
Total melting and refining	76,496,517	76,044,615	71,925,997			451,902	6.2830
Total coining	93,264,201	93,176,960	89,031,797			87,241	.9799
Grand total	169,760,718	169,221,575	160,957,794			539,143	3.3496

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	132,338,425	131,359,798	131,397,165			978,627	7.4479
Coining	149,064,545	148,994,133	136,002,013			70,412	.5177
San Francisco Mint:							
Melting and refining	20,439,055	20,374,318	18,143,030			64,737	3.5682
Coining	16,156,529	16,148,495	16,156,227			8,034	.4973
Denver Mint:							
Melting and refining	19,144,992	19,103,901	15,989,604			41,091	2.5700
Coining	16,094,484	16,090,720	14,853,349			3,764	.2534
Total melting and refining	171,922,472	170,838,017	165,529,799			1,084,455	6.5514
Total coining	181,315,558	181,233,348	167,011,589			82,210	.4922
Grand total	353,238,030	352,071,365	332,541,388			1,166,665	3.5083

[1] Net.

Refined issue-bars manufactured, fiscal year 1941

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	18	2,480	$86,800	28	3,814
San Francisco	19,550	7,859,618	275,086,630	1,442	60,855
Denver	3,509	1,914,172	66,996,020	----------	----------
New York	235,384	91,362,119	3,197,674,165	2,110	1,029,933
Total	258,461	101,138,389	3,539,843,615	3,580	1,094,602

Sweeps cellar operations, fiscal year 1941 (includes crushed, discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
		Number	*Pounds*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Melting department	Philadelphia	48	4,750	41,257	5,687.32	55.797	8,082.78
Do	San Francisco	201	16,380	1,172,201	1,291.46	225.214	1,657.31
Refinery	do	204	17,100	----------	----------	316.252	818.04
Do	Denver	731	58,681	----------	----------	324.072	1,641.24
Do	New York	1,792	142,783	----------	----------	2,925.435	4,670.43
Coining department	Philadelphia	28	2,800	----------	----------	7.521	4,005.51
Do	Denver	10	698	----------	----------	4.257	173.50
Deposits division	do	206	19,041	----------	----------	160.283	282.73
Do	New York	406	20,059	----------	----------	1,397.432	169.39
Total		3,626	282,292	1,213,458	6,978.78	5,416.263	21,500.93

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1941 amounted to $317,315.61, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$7,720.79	$108,031.38	$21,994.77	$85,079.11	----------	$222,826.05
Recovered incident to receipt of bullion deposits	5,660.05	10,380.25	5,696.81	73,609.12	$9,886.93	105,233.16
Gains on lightweight and mutilated coins received for recoinage	26.05	41.32	15.90	.37	----------	83.64
Gain on bullion shipments (net)	----------	----------	----------	----------	1,325.65	1,325.65
Total gains	13,406.89	118,452.95	27,707.48	158,688.60	11,212.58	329,468.50
Wasted in refining and coining operations	8,144.03	3,818.67	190.19	----------	----------	12,152.89
Net gains	5,262.86	114,634.28	27,517.29	158,688.60	11,212.58	317,315.61

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1941, was $31,923.35. A loss of $4,749.20

occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage:					
Melting and refining department					
Coining department	$8,144.03	$3,818.67	$190.19		$12,152.89
Nickel wastage:					
Melting and refining department	5,827.29	1,358.75	845.25		8,031.29
Coining department	509.17	680.42	50.14		1,239.73
Bronze wastage:					
Melting and refining department	8,838.26	541.95	381.16		9,761.37
Coining department	635.91	67.25	34.91		738.07
Loss on sale of sweeps	710.64	1,970.36	591.14	$1,477.06	4,749.20
Total wastage and loss	24,665.30	8,437.40	2,092.79	1,477.06	36,672.55
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	15,810.63	1,516.73	1,311.46		18,638.82
Silver departmental wastage offset by other departmental surpluses	8,144.03	3,818.67	190.19		12,152.89
Other wastages and loss on sweeps, from appropriations	710.64	3,102.00	591.14	1,477.06	5,880.84
Total reimbursements	24,665.30	8,437.40	2,092.79	1,477.06	36,672.55

Employees

The total number of officers and employees of the mint service on June 30, 1941, was 2,428, as follows:

Institution	Established under act of—	Employees, by departments									Total	
		General					Engraving	Assaying	Coining	Melting and refining	June 30, 1941	June 30, 1940
		Miscellaneous	Custodial: Guards	Custodial: Other	Mechanical	Deposits division						
Bureau of the Mint	Feb. 12, 1873	47		1				5			53	44
Philadelphia Mint	Apr. 2, 1792	70	63	38	77	20	15	12	584	328	1,207	350
San Francisco Mint	July 3, 1852	51	25	4	36	26		20	203	122	487	171
Denver Mint	Apr. 21, 1862	28	32	6	26	9		8	147	136	392	167
New York Assay Office	Mar. 3, 1853	35	36	8	11	41		29		48	208	229
West Point Depository	June 22, 1936[2]		13	1							14	14
New Orleans Mint[1]	Mar. 3, 1835	3	4			2		1			10	14
Seattle Assay Office	May 21, 1898	5	3			6		5			19	19
Fort Knox Depository	Aug. 13, 1935[2]	3	31	4							38	40
Total 1941		242	207	62	150	104	15	80	934	634	2,428	
Total 1940		618					10	64	180	176		1,048

[1] Conducted as an assay office since 1910.
[2] Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin for 1940

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who served without compensation, being appointed by the President. The

purpose is to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 12, 1941, reported the following results of their examination of the 1940 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia.

A substantial number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number designated on each envelope.

The committee on assaying has completed the assays on samples taken from different lots of coin representing all denominations coined during the year 1940 by the United States mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1940.

The results of the assays upon coins and mass melts made from coins is satisfactory, being within the legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins selected were as follows:

	Highest	*Lowest*
Philadelphia Mint	900. 2	898. 2
Denver Mint	901. 1	897. 3
San Francisco Mint	899. 8	898. 4
Mass melts:		
Philadelphia Mint	899. 3	
Denver Mint	899. 1	
San Francisco Mint	899. 5	

The committee on weighing reports that it selected at random a total of 124 coins, consisting of 74 coins from the Philadelphia Mint, 20 coins from the Denver Mint, and 30 coins from the San Francisco Mint. These coins were taken from 121 different deliveries.

The coins were weighed directly against a set of coin weights and grain weights tested and certified by the National Bureau of Standards, and delivered under seal to the chairman of the committee on weighing.

All coins were weighed to an accuracy of 0.01 grain, and it is to be noted that all coins weighed were found to be well within the tolerance allowed by law.

The following table shows the deviation of the heaviest and the lightest coins of each denomination from each mint, as found from the individual weighings:

Denomination	Legal deviation allowable	Actual deviation					
		Philadelphia		Denver		San Francisco	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1. 5	0. 74	1. 05	----------	----------	0. 72	0. 95
Quarter dollar	1. 5	1. 01	. 80	0. 36	0. 20	. 86	1. 21
Dime	1. 5	. 40	. 70	. 46	. 50	. 50	. 37

Considering as a group the 124 coins weighed, the average deviation with regard to sign was 0.002 grain, that is, of all the coins weighed the excess of the heavy coins was off-set by the deficiency of the light coins, on the average within 0.002 grain. The average deviation without regard to sign was 0.31 grain.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ending June 30, 1941, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

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REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1940

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INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1940 is estimated to have been 6,003,105 fine ounces, valued at $210,108,700, and the production of silver is estimated at 69,585,734 fine ounces, valued at $49,483,189. A comparison of these figures with those of 1939 indicates about 392,000 fine ounces increase in production of gold and approximately 4,466,000 ounces increase in silver production.

In continental United States, Utah increased its output of gold in 1940 more largely than any of the other States, its increase being about 86,000 fine ounces to a total of 352,000 fine ounces. Idaho, Nevada, Oregon, and California also increased their gold output, the increases being, respectively, about 30,000, 29,000, 22,000, and 19,000 fine ounces. The increase in the Philippine Islands was larger than that of Utah, it amounting to 150,000 fine ounces, giving the year's total of over 1,140,000 fine ounces, which exceeded that of any State except California. Alaska's increase amounted to nearly 86,000 fine ounces, and its total output for the year was nearly 757,000 fine ounces.

The 1940 silver production increased more largely in Montana than in any other State of the Union—by over 3,200,000 fine ounces as compared with 1939. The largest reduction occurred in Arizona, over 1,300,000 fine ounces. Idaho continued as the State of largest silver output, its total being about 17,470,000 fine ounces, with Montana second in rank, over 12,100,000 fine ounces.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The value of the gold output of Alaska in 1940 (the largest in the history of the Territory) was more than 99 percent of the total gross value of the gold, silver, copper, and lead produced. Production of gold in terms of recovered metal totaled 755,970 fine ounces valued at $26,458,950, an increase of 12 percent over 1939, according to Charles W. Henderson and S. A. Gustavson, of the United States Department of the Interior, Bureau of Mines.

As there are no smelters or refineries in Alaska, most of the gold produced is sent in the form of bullion to the Seattle Assay Office or the San Francisco Mint either directly by the operator or through banks or bullion buyers. The remaining gold was recovered chiefly from high-grade ore and concentrates sent to the Tacoma (Wash.) and Selby (Calif.) smelters of the American Smelting & Refining Co.

Placer operations produced 72 percent of the total gold output in 1940 (floating dredges 47 percent and all other types of placers 25 percent).

Forty-nine floating connected-bucket dredges were in operation in Alaska in 1940, five more than in 1939. By far the largest operator of this type of equipment was the United States Smelting, Refining & Mining Co., with three dredges working in the Nome district and eight dredges working in the Fairbanks (part of the Tanana) district; hydraulic giants and special mechanical equipment were used in moving overburden by this company. Some of the other large producers of gold using floating connected-bucket dredges were: The New York Alaska Gold Dredging Co., in the Tuluksak-Aniak region; Arctic Circle Exploration, Inc., in the Fairhaven-Seward Peninsula region; Kougarok Consolidated Placers, Inc., in the Kougarok-Seward Peninsula region; and Alluvial Golds, Inc., C. J. Berry Dredging Co., and the Gold Placers, Inc., in the Circle-Yukon River Basin region.

Other types of placer operations (dragline floating and dry-land dredge, hydraulic, drift mining, and sluicing) produced 187,067 fine ounces of gold in 1940, an increase of 15 percent over 1939. Again this increase was due to the more extensive use of mechanical equipment. Some of the larger producers were: The Goodnews Bay Mining Co. (in the Goodnews Bay district), Topkuk Chief Mining Co. (in the Bluff district), Cripple Creek Mining Co. (in the Innoko district), H. Roy Hunter (in the Marshall district), and Parker Bros. (in the Tolovana district).

The production of gold from the 73 operating lode mines totaled 214,097 fine ounces (all from dry and siliceous gold ore) in 1940, an increase of 2 percent over 1939. The Alaska Juneau Gold Mining Co. (in the Juneau district), the largest producer of silver and lead and second only to the United States Smelting, Refining & Mining Co. in production of gold in the Territory, produced 122,469.96 fine ounces of gold in 1940, or 57 percent of the total production of lode gold. Sixty-six mines in Alaska in 1940 operated amalgamation or cyanidation plants; none of these (with the exception of the Alaska Juneau) treated more than 75 tons daily on the average. The largest of these operations include: The Alaska-Pacific Consolidated Mining Co. and Conwest Exploration Co., operating the Willow Creek mines, in the Willow Creek district; Hirst-Chichagof Mining Co., in the Chichagof Island district; the Cleary Hill Mines, Inc., and the United States

Smelting, Refining & Mining Co., operating the McCarty mine, in the Fairbanks district.

Silver (all a byproduct of gold mining) produced in 1940 in terms of recoverable metal totaled 191,679 fine ounces, a decrease of 5 percent from 1939. This decrease was due almost entirely to the decrease in production of silver from the Alaska Juneau Gold Mining Co., that company's production in 1940 representing 53 percent of the total silver output from Alaska.

ARIZONA

The output of recoverable gold, silver, copper, lead, and zinc from mines in Arizona in 1940 was valued at $82,167,759 compared with $72,616,408 in 1939, an increase of $9,551,351 (13 percent) according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. There were substantial increases in both quantity and total value of copper, lead, and zinc in 1940 but decreases in gold and silver. The output of copper increased 7 percent; lead, 23 percent; and zinc, 130 percent. The output of gold declined 7 percent and silver 10 percent. Nearly 44 percent of the gold and 63 percent of the silver produced in Arizona in 1940 were recovered from copper ore; copper ore yielded gold, silver, copper, and lead valued at $70,731,122 in 1940, or 86 percent of the State total and an increase of $8,503,537 over 1939. Of the total ore treated in Arizona in 1940, 94 percent was copper ore, 4 percent was dry and siliceous gold ore, and the remainder was mostly zinc-lead ore, dry and siliceous gold-silver ore, and zinc-copper ore. The output of copper ore increased from 17,468,926 tons in 1939 to 20,284,826 tons in 1940, but dry and siliceous ores declined from 1,042,004 tons to 928,448. There were substantial increases in the output of zinc-lead ore and zinc-copper ore.

The output of recoverable gold from lode mines and placers in Arizona in 1940 was 294,807 ounces valued at $10,318,245 compared with 316,453 ounces valued at $11,075,855 in 1939. Gold recovered from copper ore decreased from 139,527 ounces in 1939 to 128,720 in 1940, owing chiefly to the decline in output of gold from the Verde district, and gold from dry and siliceous ores decreased from 158,398 ounces to 144,461 as a result of substantial decreases in gold ore treated by cyanidation in the Oatman section of the San Francisco district and in the Weaver district in Mohave County. Lode mines produced 288,566 ounces of gold in 1940 and placers 6,241 ounces compared with 310,044 ounces and 6,409 ounces, respectively, in 1939. Dry and siliceous ores yielded 49 percent of the total gold in 1940, copper ore 44 percent, and zinc-lead ore 5 percent; the remaining 2 percent came from other base ores and from placers. About 42 percent of the total placer gold was recovered by dragline dredging at properties on Lynx Creek and Big Bug Creek in Yavapai County. Dry and siliceous material treated at amalgamation and cyanidation mills increased from 738,943 tons in 1939 to 746,963 in 1940, but the output of gold (in bullion and concentrates) decreased from 112,166 ounces to 107,137. Ore treated by straight concentration increased from 14,017,765 tons in 1939 to 15,941,271 in 1940, but the gold in the concentrates produced decreased from 76,415 ounces to 67,337. Crude ore shipped to smelters decreased from 1,922,003 tons in 1939 to 1,685,544 in 1940, and gold therefrom declined from 121,463 ounces

to 114,092. The Phelps Dodge Corporation continued to be the largest producer of gold in Arizona; the company operated its copper mines at Bisbee, Ajo, Jerome, and Morenci throughout the year but shipped 7 percent less crude copper ore and concentrates to the smelter in 1940 than in 1939. The Denn mine at Bisbee and the Magma mine at Superior were also large producers of gold from copper ore. The Mammoth-St. Anthony property in Pinal County, the Gold Road, Gold Standard, and Pilgrim mines in Mohave County, the Octave, Alvarado, Congress, Golden Turkey, and Yarnell mines in Yavapai County, and the Vulture mine in Maricopa County were large producers of gold from dry and siliceous ores (chiefly gold ore treated by cyanidation). The Iron King mine in Yavapai County and the Tennessee mine in Mohave County were large producers of gold from zinc-lead ore. The chief gold-producing districts in Arizona in 1940 were the Warren, San Francisco, Ajo, Old Hat, Verde, and Weaver (Yavapai County).

The total production of gold in Arizona, in terms of recovered metal, from 1860 to 1940, inclusive, has been 9,858,897 ounces.

The output of recoverable silver in Arizona was 7,075,215 ounces valued at $5,031,264 in 1940 compared with 7,824,004 ounces valued at $5,310,839 in 1939. Most of the loss was due to the decreased output of siliceous ore and to the lower silver content of copper ore. Silver from copper ore decreased from 4,820,469 ounces in 1939 to 4,463,702 in 1940 and that from siliceous ores from 1,939,317 ounces to 1,378,318. Silver from zinc-lead ore increased from 790,855 ounces in 1939 to 970,561 in 1940 and that from zinc-copper ore from 182,800 ounces to 191,800. Copper ore yielded 63 percent of the total silver in 1940; dry and siliceous ores, 19 percent; zinc-lead ore, 14 percent; and zinc-copper ore, 3 percent. In 1940 the four properties (Copper Queen, United Verde, New Cornelia, and Morenci) of the Phelps Dodge Corporation produced 49 percent of the State total silver. Other large silver producers in 1940 were the Magma, Shattuck Denn, Reymert, Trench, Iron King, and Montana mines. The chief silver-producing districts in Arizona in 1940 were the Warren, Verde, Pioneer (Superior), Harshaw (Patagonia), Ajo, Wallapai (Chloride), Oro Blanco (Ruby), and Big Bug.

Total production of silver in Arizona, in terms of recovered metal, from 1860 to 1940, inclusive, has been 261,189,778 ounces.

CALIFORNIA

The gold output of California (in terms of recovered metal) in 1940 again exceeded that of the Philippine Islands, Alaska, and South Dakota, the other leading domestic producers in order of production, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The quantity of recoverable gold produced in 1940 was greater than that for any year since 1862, and its value was greater than that for any year since 1856. California lode-gold production declined in 1940 compared with 1939, but the value of placer output for 1940 exceeded that for any year since 1862.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1940 was 1,455,671 fine ounces valued at $50,948,485 compared with a production of 1,435,264 ounces valued at $50,234,240 in 1939; the increase in both quantity and value was 1 percent. In 1940 1,030 lode mines produced 750,719 ounces of gold

valued at $26,275,165, and 836 placer mines produced 704,952 ounces of gold valued at $24,673,320. Lode mines supplied 52 percent and placer mines 48 percent of the total in 1940 compared with 56 percent for lode mines and 44 percent for placer mines in 1939. Of the gold derived from lode operations, 95 percent was recovered from dry gold ore, almost 3 percent from dry gold-silver ore, 2 percent from copper ore, and most of the remainder from lead ore. The importance of free-milling gold ore in California is indicated by metallurgical data, which show that 45 percent of the lode gold in 1940 (43 percent in 1939) was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates represented 32 percent (32 percent in 1939 also); smelting of concentrates, 22 percent (24 percent in 1939); and smelting of ore, 1 percent (1 percent in 1939 also).

Dredging was the leading method of working placer deposits, both as to the yardage of gravel treated and the quantity of placer gold recovered. Floating dredges of the connected-bucket type handled 132,461,000 cubic yards of gravel and recovered 414,966 ounces of gold valued at $14,523,810 or 59 percent of the placer gold produced in the State in 1940. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) handled 42,747,000 yards of gravel, which yielded 205,181 ounces of gold valued at $7,181,335. Nonfloating washing plants to which gravel was delivered by mechanical means treated 5,908,000 yards of gravel and recovered 28,232 ounces of gold valued at $988,120. Hydraulic mines produced 12,059 ounces of gold valued at $422,065 derived from 2,401,000 yards of gravel; 88,000 yards of gravel from drift mines were treated, from which 5,045 ounces of gold valued at $176,575 were recovered. Small-scale, hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in the production of 39,321 ounces of gold valued at $1,376,235. Increases in 1940 compared with 1939 were recorded from all sources except drift mines and nonfloating washing plants.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county of the State. Despite a 2-percent decline in gold output, the county yielded 22 percent of the State's total gold and 40 percent of the State's lode gold in 1940. The high rank in gold production of Sacramento, Yuba, Butte, Siskiyou, Merced, Trinity, and Stanislaus Counties was attained largely from the output of placer gold, the product of dredges, both connected-bucket and dragline. Amador, Calaveras, Eldorado, and Mariposa Counties on the Mother Lode were important gold producers. Large gold outputs were also recorded for Kern, Placer, Plumas, and Shasta Counties.

The principal gold-producing mines in California in 1940, listed by operators and in order of output, were the Idaho Maryland Mines Corporation, Nevada County (gold ore); Empire Star Mines Co., Ltd., Nevada County (gold ore); Natomas Co., Sacramento County (dredge); Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Yuba Consolidated Gold Fields (Butte unit), Butte County (dredge); Central Eureka Mining Co., Amador County (gold ore); Capital Dredging Co., Sacramento County (dredge); Carson Hill Gold Mining Corporation, Calaveras County (gold ore); and St. Joseph Lead Co., Calaveras County (gold ore).

Output of silver from California ores, gravels, and re-treated tailings in 1940 was 2,359,776 fine ounces valued at $1,678,063 compared with a production of 2,599,139 ounces valued at $1,764,264 in 1939. Of the lode silver, 52 percent was derived from dry gold ore, 26 percent from dry gold-silver ore, 13 percent from copper ore, almost 5 percent from dry silver ore, 4 percent from lead ore, and the remainder from other base-metal ores and tungsten ore. A small quantity of silver was recovered as a byproduct of gold dredging. Smelting of flotation concentrates accounted for 47 percent of the lode silver recovered in the State; 36 percent was recovered by cyanidation of ore, old tailings, sands, slimes, and concentrates; 12 percent by direct smelting; 4 percent by amalgamation of ore and old tailings; and 1 percent by the smelting of gravity concentrates.

The principal silver-producing mines in California in 1940, listed by operators and in order of output, were the Cactus Mines Co., Kern County (gold-silver ore); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Walker Mining Co., Plumas County (copper ore); Golden Queen Mining Co., Kern County (gold ore); Lodestar Mining Co., Kern County (gold ore); and Graham Loftus Oil Corporation, Napa County (gold-silver ore).

CENTRAL STATES

The only output of gold from mines in the Central States in 1940 was 5 ounces of placer gold recovered in Vigo County, Ind., according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Production of silver in the Central States during the year totaled 353,737 ounces, an increase of 37,784 ounces over 1939. The output of Illinois in 1940 (4,766 ounces) came from galena concentrates recovered in milling zinc-lead ore and fluorspar, that of Missouri (260,314 ounces) from the refining of lead bullion, and that of Michigan (88,657 ounces) from copper ore. Mines in the other Central States yielded no recoverable silver in 1940.

COLORADO

Production of gold in Colorado in 1940 totaled 367,336 fine ounces valued at $12,856,760, in terms of recovered metals, and represented no appreciable change from 1939, according to Charles W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines. Of all the metals produced in Colorado in 1940, gold was surpassed in value by molybdenum only. The principal gold-producing districts, in 1940, in order of output were: Cripple Creek, Teller County; Red Cliff, Eagle County; Mosquito, Park County; Upper San Miguel, San Miguel County; Empire and Idaho Springs, Clear Creek County; Gold Hill, Boulder County; Animas, San Juan County; Summitville, Rio Grande County; and Sneffels, Ouray County. Notable increases in gold production were made in Eagle, Boulder, and Clear Creek Counties; the largest decreases were in Teller, Park, and San Miguel Counties. In Eagle County increased production of gold was due directly to increased operation of the "Eagle mine" of the New Jersey Zinc Co., Empire Zinc Division, at Gilman, near Red Cliff; in Boulder County increased production of gold was due to significant gains in production from the larger mines in the Gold Hill, Central, and Sugar Loaf districts; and in Clear Creek

County a general increase of all the larger producing mines accounted for the larger gold production in 1940. Further suspension of mining in the lower levels of the Ajax and Cresson mines pending completion of the Carlton drainage tunnel was largely responsible for the decreased gold production from Teller County; slackening of operations at the properties of the London Mines & Milling Co., on London Mountain in the Mosquito district, affected production in Park County; and in San Miguel County a slight slackening of operations at the property of Alta Mines, Inc., and a slight decrease in the grade of ore from the Smuggler-Union group and other adjacent properties of the Veta Mines, Inc., explained a smaller gold production in 1940.

Silver production in Colorado in 1940, totaling 9,710,709 fine ounces, in terms of recovered metal, was the highest on record since 1907. Eagle County contributed 70 percent of the output, Mineral County 9 percent, San Miguel County 5 percent, San Juan County 4 percent, and other counties 12 percent. The principal producers were the "Eagle mine" group, Eagle County; Amethyst-Commodore-Last Chance-New York group, and others, Mineral County; Smuggler-Union group, San Miguel County; and the Shenandoah-Dives-Mayflower group, San Juan County.

There were 691 lode mines and 439 placer mines operated during 1940 compared with 758 lode mines and 583 placer mines in 1939. This decrease in the number of mines operated in 1940 did not materially affect the general rate of mining as virtually none of the large producing mines discontinued operations, but rather on the whole they increased production; this is shown by the increased amount of ore sold or treated. In 1940, 2,157,765 short tons of ore were sold or treated, an increase of 13 percent over the 1,914,593 tons sold or treated in 1939. Of the total ore sold or treated in Colorado in 1940, 1,528,737 tons were dry and siliceous ores, which yielded 82 percent of the gold and 19 percent of the silver; 334,312 tons were copper ore, which yielded 8 percent of the gold and 70 percent of the silver; and 294,716 tons were lead, lead-copper, zinc, or zinc-lead ores, which yielded 5 percent of the gold and 11 percent of the silver. Placer operations yielded the remaining 5 percent of the total gold and a small quantity of silver.

In 1940, five counties supplied 96 percent of the total Colorado placer gold produced; these were, in order of production, Park, Gilpin, Lake, Summit, and Chaffee. Of interest in connection with placer-mining operations is the construction by the South Platte Dredging Co. in Park County of a steel floating connected-bucket dredge that will handle 10,000 cubic yards of gravel a day; dredging is expected to start in 1941.

The total production of gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1858 to 1940, inclusive, has been 37,916,726 ounces of gold and 710,648,867 ounces of silver.

EASTERN AND APPALACHIAN STATES

The mine production of gold in the Eastern and Appalachian States in 1940 totaled 18,456 fine ounces valued at $645,960, an increase of 6 percent over 1939, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The Haile gold mine in

Lancaster County, S. C., was the principal producer, followed by the Cornwall magnetite-pyrite-chalcopyrite mine in Lebanon County, Pa., and the Condor (old Howie) gold mine in Union County, N. C. The total number of gold-producing mines in 1940 was 47, of which 29 were lode and 18 were placer mines. Lode mines yielded 18,004 ounces of gold and placers 452 ounces.

South Carolina contributed 71 percent of the total gold produced in the Eastern and Appalachian States in 1940; the State output was 13,076 ounces, of which 12,861 ounces came from the Haile mine near Kershaw, which was equipped with a 400-ton cyanide mill. Other producers included the Brewer placer mine and the Kirkley lode mine in Chesterfield County and the Dorothy and Terry lode mines in York County. North Carolina's output of gold increased from 495 ounces in 1939 to 1,943 in 1940. The increase was due to the reopening of the Condor (old Howie) mine near Waxhaw, Union County, which was in production from September 1 through December; the ore was treated by cyanidation in the Capps mill near Charlotte. The Fontana copper mine in Swain County and gold mines in Burke, Caldwell, Franklin, Gaston, Halifax, Mecklenburg, and Rutherford Counties yielded small quantities of gold during the year. Pennsylvania produced 1,840 ounces of gold, all as a byproduct of magnetite-pyrite-chalcopyrite ore from the Cornwall mine in Lebanon County. Mines in Georgia yielded 961 ounces of gold, of which 533 ounces came from lode mines and 428 ounces from placers. The principal lode-gold producers were the Hamilton mine in McDuffie County, the Lockhart in Lumpkin County, and the Magruder in Lincoln County; the largest producers from placers were the Ferey Mining Co., Dixie Gravel Co., and Loud Gold Mines, all in White County. Other States producing gold in 1940 were Virginia (458 ounces), mostly from the Redbank mine near Virgilina, Halifax County; Tennessee (173 ounces), all recovered from the refining of copper bullion from the smelter at Copperhill; and Alabama (5 ounces), from Talladega County.

Dry and siliceous ore treated at gold and silver mills aggregated 144,726 tons, of which 134,096 tons were treated by cyanidation and yielded 14,655 fine ounces of gold, and 10,630 tons by amalgamation only or by amalgamation and flotation and yielded 932 fine ounces of gold in bullion and 144 ounces in concentrates shipped to smelters. Gold ore shipped crude to smelters totaled 151 tons containing 158 ounces of gold.

The mine output of silver in the Eastern States in 1940 was 102,825 ounces compared with 94,083 in 1939. Of the 1940 output, copper ore from Tennessee yielded 38,081 ounces, copper concentrates from North Carolina 5,222 ounces, copper concentrates from Pennsylvania 13,064 ounces, lead concentrates from zinc-lead ore from New York 35,720 ounces, and lead concentrates from lead ore from Tennessee 529 ounces. Siliceous ores, mainly from South Carolina and North Carolina, yielded 10,179 and placer gravels 30 ounces of silver.

IDAHO

The output of recoverable gold, silver, copper, lead, and zinc from mines in Idaho in 1940 was valued at $37,744,393 compared with $29,794,144 in 1939, an increase of $7,950,249 (nearly 27 percent), according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. The quantity and

value of each of the five metals were greater in 1940 than in 1939. The output of gold increased 26 percent, silver 2 percent, copper 33 percent, lead 15 percent, and zinc 48 percent. The output of gold, silver, copper, lead, and zinc in the Coeur d'Alene region, the most important metal-producing area in Idaho, was greater in 1940 than in 1939, and the total value of the metal output increased from $22,805,024 to $29,444,265.

Production of recoverable gold increased from 116,662 ounces valued at $4,083,170 to 146,480 ounces valued at $5,126,800 in 1940, or 26 percent; the gold output in 1940 was the largest since 1871, when 212,850 ounces were produced. Gold from lode mines increased nearly 27 percent to 86,071 ounces and that from placers 24 percent to 60,409 ounces. Most of the gold from placer mines came from 12 connected-bucket dredges operating in Boise, Clearwater, Custer, Idaho, Latah, and Lemhi Counties; these dredges treated 7,941,853 cubic yards of gravel in 1940 and recovered 41,262 ounces of gold, an increase of 12,289 ounces over 1939. Twenty-two dragline or power-shovel excavators with either dry-land or floating washing plants (operating chiefly in Idaho, Owyhee, Shoshone, and Lemhi Counties) treated 1,997,921 cubic yards of gravel in 1940 and recovered 12,192 ounces of gold, a decrease of 1,859 ounces from 1939. Of the total placer gold produced in Idaho in 1940, 82 percent came from the Boise Basin, Warren, Elk City, Pierce, Hoodoo, Orogrande, Beaver, and Carson districts, where dredges were operated. The chief producers were Fisher-Baumhoff Co., Warren Dredging Co., Idaho-Canadian Dredging Co., Quartz Creek Dredging Co., Northwest Goldfields, Inc., H. & H. Mines, Mt. Vernon Gold Mining Co., and American River Mining Co.

About 86 percent of the total gold from lode mines came from dry and siliceous ore (chiefly gold ore), and nearly all the remainder came from zinc-lead ore. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 121,898 tons in 1939 to 142,457 in 1940; the 1940 tonnage yielded 35,817 ounces of gold (in bullion and concentrates) which came chiefly from Elmore, Idaho, Custer, Lemhi, Boise, and Blaine Counties. Ore treated at straight concentration plants yielded 41,770 ounces of gold in the concentrates, and crude ore shipped direct to smelters yielded 8,484 ounces. About 81 percent of the lode gold came from the Middle Boise, Yellow Pine, Warm Springs, Burgdorf-Marshall Lake, Carson, Mineral Hill, Ten Mile, Yankee Fork, and Boise Basin districts and the Coeur d'Alene region. The chief producers were the Boise-Rochester-Monarch, Yellow Pine, Triumph, Golden Anchor, De Lamar Milling Corporation, and Grunter properties.

The total production of gold in Idaho in terms of recovered metal, from 1863 to 1940, inclusive, has been 7,479,342 ounces.

The output of recoverable silver in Idaho increased from 17,222,370 ounces in 1939 to 17,552,240 in 1940 and the value from $11,690,336 to $12,481,593. Idaho retained its position as the largest silver-producing State. Dry and siliceous silver ore yielded 61 percent of the total silver produced in Idaho in 1940, zinc-lead ore nearly 31 percent, lead ore 5 percent, and gold-silver ore and gold ore 3 percent. Production of silver from silver ore decreased 453,502 ounces in 1940 and that from gold-silver ore 458,742 ounces, but the output from zinc-lead ore increased 1,146,092 ounces, from gold ore 57,946 ounces,

and from lead ore 42,448 ounces. The output of silver from the Sunshine mine declined more than 1,200,000 ounces in 1940; however, the mine retained its position as the largest producer of silver in the United States. The Coeur d'Alene region produced 89 percent of the State total silver in 1940; the remainder came chiefly from the Warm Springs, Bayhorse, Carson, Port Hill, Pend d'Oreille, Middle Boise, Blue Wing, and Boise Basin districts. Eight mines—the Sunshine, Bunker Hill & Sullivan, Morning, Polaris, Hecla, Mineral Point, Triumph, and Page—produced 86 percent of the State silver output in 1940. All these mines except the Triumph are in the Coeur d'Alene region, Shoshone County.

The total production of silver in Idaho, in terms of recovered metal, from 1863 to 1940, inclusive, has been 452,902,547 ounces.

MONTANA

The output of recoverable gold, silver, copper, lead, and zinc from Montana mines in 1940 was $55,825,078, a 36-percent gain over 1939, according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. Although there were substantial gains both in quantity and value of each of the five metals, the greatest advances were in copper, zinc, and silver, the value of each rising more than $2,000,000. Metal production in Silver Bow County, by far the most productive area in Montana, was valued at $40,871,719 in 1940, a 48-percent gain over 1939, caused by the high rate of operations at the copper mines and zinc mines of the Anaconda Copper Mining Co. at Butte. There was a decrease in the output of gold but a gain in that of silver from siliceous ores; the decline in gold output from lode mines, however, was more than offset by gains at placer mines.

The production of recoverable gold was 272,602 fine ounces in 1940 compared with 264,173 ounces in 1939—a gain of 3 percent. This output was the largest since 1887, when 289, 212 ounces were produced. In 1940, lode mines yielded 76 percent and placers 24 percent of the State total gold; the output from lode mines decreased 719 ounces, but that from placer gravels increased 9,148 ounces. Siliceous ores yielded 66 percent and base-metal ores 10 percent of the total gold. There was a decrease from siliceous ore but increases from copper, lead, and zinc-lead ores. Gold ore mined in 1940 totaled 803,173 tons compared with 815,949 tons in 1939; 555,214 tons were treated in amalgamation and cyanidation mills and 171,650 tons in concentrating mills, and 76,309 tons were shipped crude to smelters. Ore treated at amalgamation and cyanidation plants yielded 32 percent of the State total gold, that treated at concentrating mills 18 percent, and ores of all classes shipped crude to smelters 26 percent. Placer gravels yielded 9,148 fine ounces more gold in 1940 than in 1939. Seven connected-bucket floating dredges were in operation in 1940; they treated 9,280,898 cubic yards of gravel and recovered 39,012 fine ounces of gold. The gold was valued at $1,365,420, indicating an average recoverable gold value of 14.7 cents per cubic yard treated. Dragline and power shovels with both dry-land and floating washing plants were reported in operation at 32 properties. The plants washed 4,761,812 cubic yards of gravel and recovered gold valued at $794,185, indicating an average recoverable gold value of 16.7 cents to the cubic yard washed. Gains were noted in the output of recovered gold from

Broadwater, Silver Bow, Park, Granite, Madison, and Beaverhead Counties, but losses in output were reported from Philips, Deer Lodge, Lewis and Clark, and Jefferson Counties. The leading producer of gold in Montana was again the West Mayflower property in Madison County, which was operated by the Anaconda Copper Mining Co. It was followed by the Winston dredge, operating on Prickly Pear Creek near Clancey; all the company-operated copper mines of the Anaconda Copper Co. at Butte; the Ohio Keating mine in Broadwater County; the Jardine mine in Park County; the Ruby Gulch mint at Zortman; the Golden Messenger mine in Lewis and Clark County; the Perry-Schroeder dredge, also in Lewis and Clark County; the Highlands group in Silver Bow County; and the Porter Bros. dredge near Helena.

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1940, inclusive, has been 16,434,043 ounces.

The output of recoverable silver in Montana in 1940 was 12,361,050 fine ounces compared with 9,087,571 ounces in 1939, a gain of 36 percent, which came mostly from the zinc-lead and copper ores of the Butte district in Silver Bow County, although siliceous ores also showed gains. Copper ores yielded 49 percent of the State total silver, zinc-lead ore 25 percent, and siliceous ore 24 percent. Production of silver from Silver Bow, Beaverhead, Cascade, and Flathead Counties increased. Ores treated at concentration mills yielded 79 percent of the total silver and crude smelting ores 19 percent. The output of silver ore was 104,812 tons (a 41-percent decrease from 1939) and gold-silver ore 120,538 tons (a 117-percent gain).

The total production of silver in Montana, in terms of recovered metal, from 1862 to 1940, inclusive, has been 700,815,985 ounces.

NEVADA

In 1940 Nevada gold production (in terms of recovered metal) was the largest since 1916 in quantity and since 1912 in value, and silver output in 1940 was the largest since 1928 in quantity and 1937 in value, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The recoverable output of gold from Nevada ores, re-treated tailings, and gravels in 1940 was 383,933 fine ounces valued at $13,437,655 compared with 361,518 ounces valued at $12,653,130 in 1939, an increase of 6 percent in quantity and value. Production of recoverable silver in 1940 was 5,175,928 fine ounces valued at $3,680,660 compared with 4,316,029 ounces valued at $2,929,668 in 1939, an increase of 20 percent in quantity and 26 percent in value.

Gold was recovered from the following sources: Dry gold ore, 62 percent; copper ore, 16 percent; dry gold-silver ore, 10 percent; placer gravels, 10 percent; and other ores, 2 percent. Metallurgical data show that 58 percent of the State lode gold was recovered by cyanidation, 20 percent by the smelting of concentrates, 15 percent by the smelting of ore, and 7 percent by amalgamation. Cyanidation and smelting of ore as gold recovery methods were more important in 1940 than in 1939; the proportion of gold recovered by smelting of concentrates and by amalgamation declined.

The principal Nevada gold mines, listed by operating companies and in order of output, were Getchell Mine, Inc., Humboldt County (gold ore); Consolidated Coppermines Corporation, White Pine County

(copper ore); Nevada Consolidated Copper Corporation, White Pine County (copper ore); Manhattan Gold Dredging Co., Nye County (dredge); Black Mammoth Consolidated Mining Co., Esmeralda County (gold ore); Dayton Consolidated Mines Co. and lessees, Storey County (gold ore); Northumberland Mining Co., Nye County (gold ore); Standard Cyaniding Co., Pershing County (gold ore); Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore); and Silver Hill Mining Co., Storey County (gold ore).

Nevada silver was recovered from the following sources in 1940: Dry gold-silver ore, 37 percent; dry silver ore, 25 percent; zinc-lead ore, 14 percent; dry gold ore, 13 percent; copper ore, 7 percent; and lead ore, placer gravel, lead-copper ore, and zinc ore the remainder. Cyanidation of ore, old tailings, sands, slimes, and concentrates accounted for 41 percent of the lode silver produced in Nevada in 1940; 36 percent was recovered by smelting of ore and old tailings, 22 percent by the smelting of concentrates, and the remainder by amalgamation.

The principal silver mines in Nevada in 1940, listed by operating companies and in order of output, were the Desert Silver, Inc., Esmeralda County (silver ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore and gold-silver ore); lessees of the Tonopah Mining Co. of Nevada, Nye County (gold-silver ore); Summit King Mines, Ltd., Churchill County (gold-silver ore); Rip Van Winkle Mining Co., Elko County (zinc-lead ore); El Dorado Rover Mining Co., Clark County (gold-silver ore); Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore); Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore); Bristol Silver Mines Co., Lincoln County (copper ore); and Diamond Gold Mining Co., Clark County (gold-silver ore).

NEW MEXICO

The production of gold from mines in New Mexico, in terms of recovered metal, totaled 35,943 fine ounces in 1940, a 3-percent decrease from 1939, according to Charles W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The principal gold-producing districts of New Mexico were: Mogollon, Catron County; Central, Grant County; Steeple Rock, Grant County; San Pedro, Santa Fe County; Las Animas, Sierra County; and Lordsburg, Hidalgo County. Dry and siliceous ores yielded 53 percent, copper ore 37 percent, lead and zinc-lead ores 2 percent, and placers 8 percent of the State total gold in 1940.

Silver production in New Mexico in 1940, in terms of recovered metal, totaled 1,407,839 fine ounces, only a slight increase over 1939. The principal silver-producing districts were: Mogollon, Catron County; Central, Grant County; Steeple Rock, Grant County; Lordsburg, Hidalgo County; and San Pedro, Santa Fe County. Dry and siliceous ores yielded 57 percent, copper ore 26 percent, zinc-lead ore 16 percent, and lead ore (together with a small quantity from placers), 1 percent of the State total silver.

In the Central district of Grant County, the Nevada Consolidated Copper Corporation, operating the open-pit Chino mine at Santa Rita and a mill and new reverberatory copper smelter (first blown in early in May 1939) at Hurley, greatly increased its output in 1940. Increased production of byproduct gold and silver from this mine aided materially in maintaining the total 1940 gold production of the

State to within 3 percent of that for 1939 and offset the loss of production resulting from the closing of the Pecos mine at Terrero in San Miguel County on May 31, 1939.

The largest single producer of both gold and silver in the State in 1940 was the Black Hawk Consolidated Mines Co., Mogollon district, Catron County, which operated the Little Fanney cyanide mill and the Consolidated group (comprising the Andrew Jackson Consolidated, Lexington Contention, and Lexington Gunboat claims on the Queen vein) under lease from the Lehigh Metals Co. Company and custom ore treated in 1940 totaled 68,549 tons, from which 9,336 fine ounces of gold and 536,350 fine ounces of silver were recovered.

The third-ranking gold producer in the State, following the Nevada Consolidated Copper Corporation, was the East Camp group operated by The Exploration Syndicate, Inc. (formerly East Camp Exploration Syndicate, a partnership), Steeple Rock district, Grant County. The East Camp group produced 3,294 fine ounces of gold and 185,485 fine ounces of silver in 1940.

The total production of gold and silver in New Mexico, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1848 to 1940, inclusive, has been 2,120,935 ounces of gold and 63,948,259 ounces of silver.

OREGON

The quantity of gold produced in Oregon in 1940 (in terms of recoverable metal) was 21 percent greater than in 1939, and its value was the largest in the history of the State, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The output of gold from Oregon ores, gravels, and re-treated tailings in 1940 was 113,402 fine ounces valued at $3,969,070 compared with 93,372 ounces valued at $3,268,020 in 1939. Placer mines produced 63 percent of the gold and lode mines 37 percent. Dragline dredges handled 7,361,000 cubic yards of gravel in 1940 compared with 5,964,000 yards in 1939 and recovered 35,216 ounces of gold valued at $1,232,560 in 1940 compared with 26,257 ounces of gold valued at $918,995 in 1939. Dredges of the connected-bucket type treated 7,580,000 yards of gravel in 1940 compared with 6,267,000 yards in 1939 and recovered 24,951 ounces of gold valued at $873,285 compared with 25,028 ounces of gold valued at $875,980 in 1939. Dragline dredges handled 44 percent of the gravel and recovered 49 percent of the placer gold in Oregon in 1940; connected-bucket dredges handled 45 percent of the gravel and recovered 35 percent of the placer gold. Virtually all of the lode gold was recovered from dry and siliceous gold ore; smelting of flotation concentrates accounted for the major part of the lode gold recovered.

The principal Oregon gold mines in 1940, listed by operating companies and in order of output, were Cornucopia Gold Mines, Baker County (gold ore); Sumpter Valley Dredging Co., Baker County (connected-bucket dredge); Northwest Development Co., Baker County (dragline dredge); Porter & Co., Grant County (connected-bucket dredge); and Cougar-Independence Lessees, Grant County (gold ore). These five companies contributed 45 percent of the gold output in Oregon in 1940.

Oregon ores, gravels, and re-treated tailings in 1940 yielded 219,112 fine ounces of silver valued at $155,813 compared with 105,388 ounces valued at $71,536 in 1939; the increase was 108 percent in quantity

and 118 percent in value. Of the State total silver Baker County contributed 61 percent and Grant County 26 percent; the Cornucopia mine alone accounted for 55 percent of the total.

SOUTH DAKOTA

Mines in South Dakota yielded, in terms of recovered metals, 586,662 fine ounces of gold and 175,514 fine ounces of silver in 1940, according to Charles W. Henderson, of the United States Department of the Interior, Bureau of Mines. Lode-gold mining is the principal mineral industry of South Dakota; the mineralized area is in the mountain group called the Black Hills, which is included in Custer, Lawrence, and Pennington Counties. The tonnage of ore sold or treated in 1940, totaling 1,667,370 tons, was 2 percent greater than in 1939, but the average tenor of the ore was less, resulting in gold production in 1940—5 percent less than that of the peak year 1939.

Eleven lode mines producing gold were operated in South Dakota in 1940. The largest gold producer in the State, also the largest in the United States, was the Homestake mine at Lead, Lawrence County. This mine (operated almost continuously since 1876) treated 1,433,737 tons of ore in 1940, recovering 542,216 fine ounces of gold and 120,099 fine ounces of silver. Development operations of the company during the year included 1,711 feet of shaft sinking, the driving of 29,155 feet of drifts and 12,238 feet of raises, and 46,481 feet of diamond drilling.

The Bald Mountain Mining Co. at Trojan, Lawrence County, the second-largest producer of gold and silver in South Dakota in 1940, continued to operate its consolidated group of mines and 350-ton all-sliming countercurrent-cyanidation plant, which treated 130,643 tons of ore (10 tons of high-grade ore were shipped to the Omaha smelter); the total yield was 25,849 fine ounces of gold and 50,077 fine ounces of silver. Other companies operating in 1940 included the Canyon Corporation, Frerichs Mining Co., and Gilt Edge Mines, Inc., in Lawrence County; and the Gold Mountain Mining Co., Holy Terror Mining Co., and Empire Gold Mines, Inc., in Pennington County.

Placer mining in South Dakota compared with previous years was virtually dead, with no activity other than hand operations; production in 1940 was 229 fine ounces of gold and 21 fine ounces of silver.

The total production of gold and silver in South Dakota, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1876 to 1940, inclusive, has been 19,437,306 ounces of gold and 9,175,505 ounces of silver.

TEXAS

In 1940 the mines in Texas produced, in terms of recovered metals, 312 fine ounces of gold and 1,326,150 fine ounces of silver, according to Charles W. Henderson, of the United States Department of the Interior, Bureau of Mines. The American Metal Co. of Texas continued to operate at capacity its mine and mill at Shafter in Presidio County, producing 309 fine ounces of gold and 1,294,803 fine ounces of silver, or more than 99 percent of the State total gold and nearly 98 percent of the State silver production. Four other lode mining operations—the Hazel mine in Culberson County; and Sancho Panza Mines and Garren Lease, prospects of the Yodina Mining Co., and the Plata Verde mine, in Hudspeth County—supplied the remaining production of gold and silver in 1940 in Texas.

The total output of gold and silver in Texas (in terms of recovered metals) from the beginning of production in 1885 to 1940, inclusive, compiled by Charles W. Henderson, has been 7,735 fine ounces of gold and 31,417,729 fine ounces of silver.

UTAH

Utah mines in 1940 yielded gold, silver, copper, lead, and zinc valued at $86,585,499, a 38-percent gain over the value of 1939 production, according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. Greater production of all five metals (including an all-time high for gold and copper) was stimulated by moderately higher prices for silver and the base metals. Most of the gains in gold and copper and much of that in silver were in the Bingham district and resulted chiefly from the high rate of operations by the Utah Copper Co. The Park City region showed the greatest gain in silver and a marked gain in gold. The output of gold and silver from the Tintic district decreased.

The output of recoverable gold in 1940 was 355,494 ounces, an increase of 77,743 ounces compared with 277,751 ounces produced in 1939. Gold recovered from copper ore increased from 159,653 ounces in 1939 to 223,156 ounces in 1940, as the output of copper ore increased from 19,602,472 tons to 26,301,745. Gold from lead ore, zinc-lead ore, lead-copper ore, and zinc-lead-copper ore increased 15,766 ounces, and gold from dry and siliceous ores decreased 1,656 ounces. Copper ore yielded 63 percent of the total and siliceous ore 24 percent; the remainder was recovered from lead, lead-copper, zinc-lead, and zinc-lead-copper ores and placers. In 1940 placers yielded 275 ounces of gold. Ore of all classes treated at concentration mills yielded 74 percent of the total gold, ore shipped crude 21 percent, and ore cyanided and amalgamated and placers the remainder. The Bingham (West Mountain) district, which produced 72 percent of the State total gold, gained 66,005 ounces as a direct result of the increased output from the Utah Copper Co. There was a moderate decline in gold recovered from ore of the Tintic district because of decreases at the Centennial-Beck-Victoria group and the Eureka Standard mine. Gold recovered from ore of the Park City region nearly trebled, owing principally to a sharp increase from the New Park Mining Co. Gold recovered from ore of Tooele County gained, chiefly because of greater output from mines in the Camp Floyd district. The Utah Copper Co., which supplied more than 60 percent of the total gold production of Utah, was followed by the Con Mercur, United States & Lark, Tintic Bullion, and Mayflower mines.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1940, inclusive, has been 8,701,728 ounces.

The output of recoverable silver from Utah mines was 12,172,299 ounces in 1940 compared with 10,758,657 ounces in 1939, a gain of 13 percent. This gain is attributed to the large production of zinc-lead, zinc-lead-copper, and copper ores. Zinc-lead and zinc-lead-copper ores yielded 47 percent of the State total silver, siliceous ore 25 percent, copper ore nearly 18 percent, and lead and lead-copper ores 10 percent. The Bingham district was the largest producer (39 percent of the State total silver) followed by the Park City region, the Tintic district, and Tooele County. Concentrates yielded 67 percent of the silver output of the State and ore shipped crude to

smelters virtually all the remainder. The Utah Copper Co. was the largest producer of silver in Utah in 1940; it was followed by the United States & Lark (first in silver production in Utah in 1939), Tintic Standard, Silver King Coalition, and Park City Consolidated properties, the Judge group of the Park Utah Consolidated Mines Co., the Mayflower tunnel of the New Park Mining Co., and the Chief Consolidated property. These eight properties produced 76 percent of the silver output of Utah in 1940.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1940, inclusive, has been 669,904,666 ounces.

WASHINGTON

The output of gold, silver, copper, lead, and zinc from mines in Washington was valued at $7,018,812 in 1940 compared with $6,739,467 in 1939, according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. The 4-percent increase in total value resulted from greater output of copper and zinc which was stimulated by moderately higher prices. More than half of the gold and silver and about 97 percent of the copper was mined from the Holden property of the Howe Sound Co.

The output of recoverable gold declined 9 percent—from 90,420 ounces valued at $3,164,700 in 1939 to 82,136 ounces valued at $2,874,760 in 1940—due mostly to a smaller tonnage of gold ore cyanided principally in Ferry and Whatcom Counties and a sharp decrease in gold ore shipped crude to smelters, chiefly in Ferry and Okanogan Counties. Gold from dry and siliceous gold ore declined 12,297 ounces but that from copper ore increased 3,465 ounces in 1940. Ore treated at straight concentration mills increased from 864,151 tons in 1939 to 972,848 tons in 1940 and yielded 65 percent of the total gold produced in 1940; ore to amalgamation and cyanidation mills declined to 147,000 tons (from 167,972 tons in 1939) and yielded 16 percent of the gold; crude ore shipped direct to smelters (92,441 tons in 1939 compared with 46,950 tons in 1940) yielded 16 percent, and placers 3 percent. Most of the placer output came from operations on the Columbia River, Stevens County, and from the Swauk district, Kittitas County. The Howe Sound Co., in Chelan County, was by far the largest gold producer in Washington in 1940, followed by the Aurum, Knob Hill, Mountain Lion, and Republic properties in Ferry County; the Alder property in Okanogan County; and the Orient property in Stevens County.

The total production of gold in Washington, in terms of recovered metal, from 1860 to 1940, inclusive, has been 1,797,549 ounces.

The output of recoverable silver in Washington decreased from 442,063 ounces valued at $300,067 in 1939 to 365,175 ounces valued at $259,680 in 1940. The Howe Sound Co. continued to be the largest producer of silver in the State, its output increasing from 181,777 ounces in 1939 to 199,175 ounces in 1940. Silver from Ferry County declined 49,091 ounces in 1940; silver from Okanogan and Stevens Counties also declined. Copper ore yielded 60 percent of the State total silver, gold ore 31 percent, and silver ore 5 percent. Ore treated at straight concentration plants yielded 65 percent of the silver and ore smelted 22 percent. In addition to the Howe Sound Co., important silver producers in Washington in 1940 included the Aurum, Knob Hill, and Mountain Lion properties in Ferry County, and the Amazon and Copper King property in Stevens County.

The total production of silver in Washington, in terms of recovered metal, from 1860 to 1940, inclusive, has been 10,820,860 ounces.

WYOMING

Wyoming mines (lode and placer) produced, in 1940, in terms of recovered metals, 740 fine ounces of gold and 114 fine ounces of silver, an increase of 157 ounces of gold and 39 ounces of silver over 1939, according to Charles W. Henderson, of the United States Department of the Interior, Bureau of Mines. Operations worthy of mention were a dragline dry-land dredge operated by the E. T. Fisher Co. and a dragline dry-land dredge operated by John E. Whisenand, both in the Atlantic City district, Fremont County.

Twenty-eight placer mining operations produced 722 fine ounces of gold and 73 fine ounces of silver, and nine lode mining operations produced the remaining 18 ounces of gold and 41 ounces of silver. Of the total, the Atlantic City district in Fremont County produced 86 percent of the placer gold and silver and 44 percent of the lode gold; other counties contributing were Albany, Big Horn, Carbon, Laramie, Park, Platte, Sheridan, and Teton.

The total production of gold and silver in Wyoming, in terms of recovered metals, from 1867 to 1940, inclusive, according to Charles W. Henderson, has been 77,413 fine ounces of gold and 74,486 fine ounces of silver.

Distribution of the gold and silver production of the United States, in fine ounces, for 1940, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
		Placer mines				
	Lode mines	Floating connected-bucket dredges	All other	Dry and siliceous ores [1]	Lead ores [2]	Copper ores
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	5			3		
Alaska	214,097	354,806	187,067	191,679		
Arizona	288,566		6,241	1,379,426	[3] 1,232,087	4,463,702
California	750,719	414,966	289,986	1,973,445	94,417	291,914
Colorado	350,336	4,975	12,025	1,910,810	1,034,022	6,765,877
Georgia	533		428	630		
Idaho	86,071	41,262	19,147	11,287,271	6,247,207	17,762
Illinois					[4] 4,766	
Indiana			5			
Michigan						88,657
Missouri					260,314	
Montana	208,455	39,012	25,135	2,923,308	3,398,715	6,039,027
Nevada	346,021	24,177	13,735	3,876,642	959,476	339,810
New Mexico	33,015		2,928	804,598	233,273	369,968
New York					35,720	
North Carolina	1,936		7	1,258		5,222
Oregon	41,825	24,951	46,626	216,247	169	2,696
Pennsylvania	[5] 1,840					[5] 13,064
South Carolina	13,059		17	8,047		
South Dakota	586,433		229	175,244	270	
Tennessee	173				529	38,081
Texas	312			1,322,364	3,786	
Utah	355,219		275	3,032,816	[3] 7,006,756	2,132,727
Virginia	458			271		
Washington	79,389		2,747	137,524	8,790	218,861
Wyoming	18		722	76		38
Total [6]	3,358,480	904,149	607,320	29,241,659	20,520,297	20,787,406

[1] Includes small quantity of silver from placer mines (200,070 ounces).
[2] Includes silver in lead, lead-copper, zinc, zinc-lead, zinc-copper, and zinc-lead-copper ores.
[3] Includes silver in zinc-lead-copper ore from 1 mine in Utah; in zinc-copper ore from Arizona.
[4] Includes 713 ounces of silver from galena concentrates, a byproduct of fluorspar mining.
[5] From copper concentrates from magnetite-pyrite-chalcopyrite ore.
[6] Philippine Islands and Puerto Rico excluded. United States refineries' receipts for the Philippine Islands give the following production for 1940: 1,114,201 ounces of gold and 1,275,383 ounces of silver; for Puerto Rico 13 ounces of gold and 1 ounce of silver.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1939 and 1940 with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1940	Decrease 1940
	1939		1940			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	671,157	$23,490,500	756,964	$26,493,700	85,807	
Alabama	28	1,000	5	200		23
Arizona	314,572	11,010,000	299,345	10,477,100		15,227
California	1,424,719	49,865,200	1,443,889	50,536,100	19,170	
Colorado	370,934	12,982,700	369,075	12,917,600		1,859
Georgia	643	22,500	966	33,800	323	
Idaho	115,183	4,031,400	144,980	5,074,300	29,797	
Indiana	3	100	5	200	2	
Maryland	72	2,500				72
Montana	256,437	8,975,300	273,369	9,567,900	16,932	
Nevada	351,306	12,295,700	379,868	13,295,400	28,562	
New Mexico	36,348	1,272,200	39,210	1,372,400	2,862	
North Carolina	520	18,200	1,683	58,900	1,163	
Oregon	91,346	3,197,100	113,715	3,980,000	22,369	
Pennsylvania	1,911	66,900	1,977	69,200	66	
South Carolina	13,834	484,200	12,872	450,500		962
South Dakota	617,634	21,617,200	587,160	20,550,600		30,474
Tennessee	166	5,800	177	6,200	11	
Texas	340	11,900	303	10,600		37
Utah	266,634	9,332,200	352,331	12,331,600	85,697	
Virginia	363	12,700	494	17,300	131	
Washington	85,820	3,003,700	83,880	2,935,800		1,940
Wyoming	597	20,900	711	24,900	114	
Philippine Islands	990,569	34,669,900	1,140,126	39,904,400	149,557	
Puerto Rico	35	1,200				35
Total	5,611,171	196,391,000	6,003,105	210,108,700	442,563	50,629
Net increase					391,934	

[1] For method of calculation, see p. 48.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1939 and 1940, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1940	Decrease 1940
	1939		1940			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	298,146	$202,377	173,141	$123,122		125,005
Alabama	54	36	3	2		51
Arizona	7,436,417	5,047,742	6,129,788	4,358,960		1,306,629
California	2,604,191	1,767,691	2,224,590	1,581,931		379,601
Colorado	8,205,703	5,569,932	9,378,408	6,669,090	1,172,705	
Georgia	225	153	632	449	407	
Idaho	17,239,334	11,701,835	17,477,054	12,428,127	237,720	
Illinois	154	104	544	387	390	
Maryland	2	1				2
Michigan	102,187	69,363	90,218	64,155		11,969
Missouri	244,074	165,674	145,190	103,246		98,884
Montana	8,927,157	6,059,638	12,152,044	8,641,453	3,224,887	
Nevada	4,516,605	3,065,813	5,102,102	3,628,162	585,497	
New Mexico	1,262,420	856,914	1,576,102	1,120,784	313,682	
New York	44,232	30,024	35,743	25,417		8,489
North Carolina	3,639	2,470	6,390	4,544	2,751	
Oregon	110,956	75,315	191,820	136,405	80,864	
Pennsylvania	14,349	9,740	14,077	10,010		272
South Carolina	5,454	3,702	7,907	5,623	2,453	
South Dakota	171,277	116,260	170,680	121,373		597
Tennessee	32,170	21,836	38,947	27,696	6,777	
Texas	1,380,329	936,949	1,294,966	920,865		85,363
Utah	10,843,772	7,360,611	11,686,321	8,310,273	842,549	
Virginia	1,460	991	313	223		1,147
Washington	427,519	290,194	389,481	276,964		38,038
Wyoming	142	96	74	53		68
Philippine Islands	1,247,541	846,815	1,299,199	923,875	51,658	
Puerto Rico	4	3				4
Total	65,119,513	44,202,279	69,585,734	49,483,189	6,522,340	2,056,119
Net increase					4,466,221	

[1] For method of calculation, see p. 48.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value[1]	Fine ounces	Commercial value
1792 to July 31, 1834	677, 250	$14, 000, 000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	$253, 400
1845	48, 762	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50, 300
1847	43, 005	889, 000	38, 700	50, 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50, 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851–55	14, 270, 625	295, 000, 000	193, 500	259, 400
1856–60	12, 384, 000	256, 000, 000	309, 400	418, 300
1861–65	10, 716, 271	221, 525, 000	28, 810, 600	38, 674, 300
1866–70	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 789, 100	23, 588, 300
1872	1, 741, 500	36, 000, 000	22, 236, 300	29, 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 568, 200	157, 749, 900
1873–75	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876–80	10, 300, 633	212, 933, 000	157, 680, 500	182, 506, 400
1881–85	7, 730, 372	159, 801, 000	182, 840, 700	202, 806, 600
1886–90	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891–95	9, 106, 834	188, 255, 000	287, 057, 000	227, 960, 100
1896–1900	15, 728, 572	325, 138, 400	279, 544, 300	172, 688, 800
1901–05	19, 393, 722	400, 903, 800	278, 798, 400	159, 543, 400
1906–10	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 520, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 299, 784	88, 884, 400	66, 801, 500	40, 348, 100
1914	4, 572, 976	94, 531, 800	72, 455, 100	40, 067, 700
1915	4, 887, 604	101, 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92, 590, 300	74, 414, 802	48, 953, 000
1917	4, 051, 440	83, 750, 700	71, 740, 362	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	66, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 573	60, 801, 955
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 075	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 502, 632	51, 734, 000	73, 335, 170	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45, 911, 864
1926	2, 335, 042	48, 269, 600	62, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60, 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 507	34, 200, 567
1929	2, 208, 386	45, 651, 400	61, 327, 868	32, 687, 754
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 029
1931	2, 395, 878	49, 527, 200	30, 932, 050	8, 970, 294
1932	2, 449, 032	50, 626, 000	23, 980, 773	6, 762, 578
1933	2, 556, 246	52, 842, 300	23, 002, 629	8, 050, 920
1934	3, 091, 183	108, 191, 400	32, 725, 353	[2] 21, 155, 784
1935	3, 609, 283	126, 324, 900	45, 924, 454	[2] 33, 008, 201
1936	4, 357, 394	152, 508, 800	63, 812, 176	[2] 49, 422, 530
1937	4, 804, 540	168, 158, 900	71, 941, 794	[2] 55, 646, 978
1938	5, 089, 811	178, 143, 400	62, 665, 335	[2] 40, 510, 924
1939	5, 611, 171	196, 391, 000	65, 119, 513	[2] 44, 202, 279
1940	6, 003, 105	210, 108, 700	69, 585, 734	[3] 49, 483, 189
Total	201, 981, 810	4, 641, 950, 700	3, 538, 095, 665	2, 663, 884, 894
Grand total	261, 448, 758	5, 871, 237, 700	3, 656, 973, 365	2, 822, 039, 294

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver; in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

[3] Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, $0.6464+, in 1939 $0.6787+, and in 1940 $0.7111+.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1940

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at $35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1940, with the classes of material from which they were made.

Gold and silver issued for use in the industrial arts during the calendar year 1940

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$241,057	545,756
Bullion in various forms	Private refiners and dealers	40,937,330	66,439,532
United States coin [2]	Banks, etc.		77,344
Total		41,178,387	67,062,632
Old jewelry, plate, scrap, etc., contained in private refineries and dealers' returns, and that returned to monetary use.		27,872,355	22,563,729
Net new material used in industry		13,306,032	44,498,903

[1] For explanation of calculation see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881–85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886–90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891–95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896–1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901–05	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906–10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911–15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450.491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	1,000,000	−7,489,667
1933	17,013,260	22,805,960	−5,792,700	100,000	−5,892,700
1934	14,232,795	75,927,285	−61,694,490	----------	−61,694,490
1935	25,929,497	58,390,675	−32,461,178	----------	−32,461,178
1936	32,967,937	35,875,770	−2,907,833	----------	−2,907,833
1937	39,622,338	36,407,945	3,214,393	----------	3,214,393
1938	30,156,754	30,480,835	−324,081	----------	−324,081
1939	38,788,960	31,328,360	7,460,600	----------	7,460,600
1940	41,178,387	27,872,355	13,306,032	----------	13,306,032
Total	2,029,120,139	976,353,856	1,052,766,283	138,975,000	913,791,283

SILVER

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2,793,929	203,540	2,590,389	464,063	2,126,326
1881–85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886–90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891–95	39,985,973	4,754,381	35,231,592	541,406	34,690,186
1896–1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901–05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906–10	122,764,809	18,342,642	104,422,167	386,720	104,035,447
1911–15	152,221,115	34,641,952	117,579,163	386,720	117,192,443
1916	32,103,507	9,899,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,041,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,024,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,824,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11.381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,829	26,874,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,335,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,343,451	18,532,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	35,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,292,270	23,564,986	27,727,284	77,344	27,649,940
1938	38,620,473	18,438,847	20,181,626	77,344	20,104,282
1939	69,585,265	24,972,260	44,613,005	77,344	44,535,661
1940	67,062,632	22,563,729	44,498,903	77,344	44,421,559
Total	1,478,505,475	430,106,442	1,048,399,033	6,032,819	1,042,366,214

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Treated as having priority as regards issue or reissue.

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis: see p. 48]

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1940, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1940:		1940—Continued.	
January	$27,655.72	September	$13,108.35
February	22,133.99	October	13,904.69
March	31,683.94	November	23,928.83
April	15,679.55	December	17,768.01
May	22,682.92		
June	23,711.03	Total	241,056.78
July	13,619.55		
August	15,180.20	Prior calendar year	316,376.99

Domestic Coinage of the United States Mints During the Calendar Year 1940

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars	$4,583,639.50	$2,275,000.00		$6,858,639.50	13,717,279
Quarter dollars	8,928,811.50	2,061,000.00	699,400.00	11,689,211.50	46,756,846
Dimes	6,536,182.70	2,156,000.00	2,119,800.00	10,811,982.70	108,119,827
Total silver	20,048,633.70	6,492,000.00	2,819,200.00	29,359,833.70	168,593,952
Minor:					
5-cent nickels	8,824,957.90	1,984,500.00	2,177,000.00	12,986,457.90	259,729,158
1-cent bronze	5,868,258.72	1,129,400.00	813,900.00	7,811,558.72	781,155,872
Total minor	14,693,216.62	3,113,900.00	2,990,900.00	20,798,016.62	1,040,885,030
Total domestic coinage	34,741,850.32	9,605,900.00	5,810,100.00	50,157,850.32	1,209,478,982
Prior year:					
Total coinage, value	$27,771,260.80	$3,841,755.00	$6,676,154.00	$38,289,169.80	
Total coinage, pieces	545,231,087	74,425,110	54,432,908		674,089,105

Coinage by the United States for Other Countries

The coinage for other countries during the calendar year 1940 totaled 33,170,000 pieces, as compared with 15,725,000 during the prior calendar year, as follows:

Country	Philadelphia	San Francisco	Total
Nickel:	*Pieces*	*Pieces*	*Pieces*
El Salvador	2,300,000		2,300,000
Indochina		25,270,000	25,270,000
Panama	1,200,000		1,200,000
Nicaragua	800,000		800,000
Total nickel	4,300,000	25,270,000	29,570,000
Bronze:			
Nicaragua	2,000,000		2,000,000
Panama	1,600,000		1,600,000
Total bronze	3,600,000		3,600,000
Total coinage	7,900,000	25,270,000	33,170,000
Prior year total coinage	15,725,000		15,725,000

Deposits of foreign gold bullion and coin during the calendar year ended December 31, 1940

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:	*Value*	*Value*	*Value*		
Canada	$20,048,105	$560,514,430	$61,389,090	$641,951,625	18,341,475
Mexico	5,537,280	24,441,235	937,335	30,915,850	883,310
Cuba	232,505	97,230	3,675	333,410	9,526
Dominican Republic	324,590			324,590	9,274
British West Indies	9,625		28,560	38,185	1,091
Other North American countries	2,555			2,555	73
Central America	2,855,825	4,228,875	5,285	7,089,985	202,571
South America:					
Argentina	1,461,285	6,876,240	4,746,630	13,084,155	373,833
Bolivia	4,760			4,760	136
Brazil	10,731,700	48,965		10,780,665	308,019
British Guiana	1,083,705			1,083,705	30,963
Chile	3,541,685	5,372,220	805	8,914,710	254,706
Colombia	26,703,985	10,255		26,714,240	763,264
Dutch Guiana	304,850			304,850	8,710
Ecuador	1,010,730	104,720	7,035	1,122,485	32,071
French Guiana	202,510			202,510	5,786
Peru	4,497,430	4,668,440	25,270	9,191,140	262,604
Uruguay	973,770	7,487,305		8,461,075	241,745
Venezuela	5,873,385	4,447,380		10,320,765	294,879
Other South American countries	140			140	4
Europe:					
Belgium	6,112,715	16,563,750	1,120	22,677,585	647,931
Finland	599,200	4,191,740	3,917,620	8,708,560	248,816
France	164,717,525	319,694,830	203,345,485	687,757,840	19,650,224
Germany	6,090		4,025	10,115	289
Great Britain	92,388,345	1,174,684,000	354,233,495	1,621,305,840	46,323,024
Italy	29,365	28,406,700		28,436,065	812,459
Latvia		2,611,245		2,611,245	74,607
Netherlands	139,545	79,546,075	6,685	79,692,305	2,276,923
Norway	898,240	12,634,195		13,532,435	386,641
Portugal	16,709,070	1,604,785	21,770	18,335,625	523,875
Rumania			60,830	60,830	1,738
Spain	7,070,490	363,825	2,427,565	9,861,880	281,768
Sweden	9,967,195	209,329,295	4,219,985	223,516,475	6,386,185
Switzerland	25,641,035	119,953,015	1,122,170	146,716,220	4,191,892
Yugoslavia	1,295,105	1,035,090	245	2,330,440	66,584
Other Europe	1,015	735	420	2,170	62
Eurasia: Union of Socialist Soviet Republics		30,890,930		30,890,930	882,598
Asia:					
Arabia		244,825		244,825	6,995
China	26,683,510	1,869,455		28,552,965	815,799
Dutch East Indies	118,195	7,084,630		7,202,825	205,795
Federated Malay States	5,511,590	288,785		5,800,375	165,725
India	78,770,125	2,280,670	78,120	81,128,915	2,317,969
Japan	47,724,250	70,725,025		118,449,275	3,384,265
Straits Settlements	45,185			45,185	1,291
Turkey	228,130	845,110		1,073,240	30,664
Other Asia			7,140	7,140	204
Africa:					
Belgian Congo		6,580		6,580	188
Egypt	401,520	16,555		418,075	11,945
Liberia	68,740			68,740	1,964
Union of South Africa		6,399,365	595	6,399,960	182,856
Oceania:					
Australia	352,450	110,787,565	163,730	111,303,745	3,180,107
Fiji Islands	3,818,080			3,818,080	109,088
Java	125,475	64,015		189,490	5,414
New Zealand	795,585	1,812,580		2,608,165	74,519
Unallocated			6,965	6,965	199
Total value	$575,618,190	$2,822,232,665	$636,761,650	$4,034,612,505	
Total ounces	16,446,234	80,635,219	18,193,190		115,274,643

Deposits of foreign silver bullion and coin during the calendar year 1940 [1]

[On quantity basis, see p. 48]

Country	Calendar year 1940		Country	Calendar year 1940	
	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce		Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
Refined bullion:			Crude bullion—Continued.		
Mexico	397,957	$550,139	Europe—Continued.		
Crude bullion:			Spain	5,427	7,502
North America:			Yugoslavia	7,802	10,786
Canada	7,463	10,317	Other European countries	8,164	11,286
Cuba	202	279	Asia:		
Dominican Republic	691	955	China	13,570	18,759
Mexico	47,201	65,251	Dutch East Indies	119,297	164,917
Other North American countries	3,423	4,732	India	84,612	116,968
Central America:			Japan	6,141	8,489
Costa Rica	10,309	14,251	Straits Settlements	84	116
Guatemala	484	669	Federated Malay States	5,491	7,591
Honduras	700	968	Africa:		
Nicaragua	2,341	3,236	Egypt	996	1,377
Salvador	85,901	118,751	Other African countries	442	611
Other Central American countries	2,890	3,995	Oceania:		
South America:			Australia	45	62
Brazil	28,108	38,857	Fiji Islands	22,665	31,332
British Guiana	2,130	2,945	New Zealand	754	1,042
Chile	12,188	16,849	Secondary (numerous countries)	1,141	1,577
Colombia	1,260	1,742	Mixed foreign coin	3,465	4,790
Ecuador	5,008	6,923	Total fine ounces	948,196	
Peru	40,374	55,814	Total subsidiary coinage value		$1,310,794
Venezuela	10,129	14,003			
Other South American countries	829	1,146			
Europe:					
Portugal	8,512	11,767			

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 139,730,418 fine ounces for the calendar year 1940.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1940

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Purchases	6,222	20,521	5,247	12,429	1,868	4,407	50,694
Purchase Act silver		70		640			710
Transfers	160	3		1			164
Intermint transfers	2	1	53	5	3		64
Total deposit transactions	6,384	20,595	5,300	13,075	1,871	4,407	51,632
Deposit assay determinations:							
Purchases	8,445	26,839	6,599	27,083	1,868	5,461	76,295
Purchase Act silver		70		5,092			5,162
Transfers	160	3		1			164
Intermint transfers	3	1	1,584	337			1,925
Total deposit assay determinations	8,608	26,913	8,183	32,513	1,868	5,461	83,546

Summary of exports and imports of gold and silver during the calendar year 1940

[Information supplied by Bureau of Census, Division of Foreign Trade Statistics]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$4,994,899	$4,749,467,203	$3,674,385	$58,433,866
In ore and base bullion	103,922	110,935,025	4,030	21,069,295
Refined bullion	1,016,218	4,115,289,974	3,343,184	36,916,258
Coin:				
United States	6,347	9,057	7,790	217,964
Foreign	3,868,412	523,233,147	319,381	230,349

Deposits and purchases of gold during the

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	1.150	19,448.406
Alabama		
Arizona	2.163	46,465.986
California		1,071,939.348
Colorado	2.099	
Georgia		
Idaho		14,242.581
Indiana	5.067	
Maryland		
Montana	2.470	221.008
Nevada		200,840.422
New Mexico	.179	3,532.056
North Carolina	1,566.255	
Oregon		33,176.293
South Carolina	12,726.340	
South Dakota		
Texas		
Utah		
Virginia		17.379
Washington	493.165	
Wyoming		1,296.569
Other States		
Philippine Islands		
Puerto Rico		931,305.138
Grains receiving division		
Operative recoveries (surplus bullion)	218.695	206.902
	273.153	312.987
Total newly mined unrefined	15,290.736	2,323,005.075
Domestic—newly mined (domestic refinery product):		
Less than 0.995 fine		2,198.725
0.995 fine and over		864,449.861
Total newly mined domestic	15,290.736	3,189,653.661
Domestic—other:		
Secondary	97,081.299	33,068.224
Domestic coin:		
Purchased	9.888	139.377
From Treasury and Reserve banks	8,390.261	
Total domestic	120,772.184	3,222,861.262
IMPORTS:		
Bullion unrefined		4,148,041.842
Bullion refined:		
From domestic refineries		14,974.723
Other		6,249,318.764
Secondary	6,585.530	
Foreign coin	278.450	7,033.293
Domestic coin		
Total imports	6,863.980	10,419,368.622
Total primary receipts	127,636.164	13,642,229.884
REDEPOSITS		
From Treasury and Federal Reserve banks		
From other sources		
Total redeposits		
Total acquisitions	127,636.164	13,642,229.884
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		
Total intermint transfers		204.140
Grand total fine ounces	127,636.164	13,642,434.024
VALUE—	*Value*	*Value*
Purchases at $20.67+ per ounce	$1,368.67	$150,513.71
Increment to $35 per ounce	956.30	104,324.91
Purchases at $35 per ounce	4,171,281.63	477,223,207.33
Domestic coin from other Treasury offices (melted)	293,659.14	
Intermint transfers		7,144.90
Total value at $35 per ounce	4,467,265.74	477,485,190.85

calendar year ended December 31, 1940

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
15.491	31.901		705,356.528	724,853.476
		4.600		4.600
187.040			2.865	46,658.054
22.884			68.908	1,072,031.140
213,491.706				213,493.805
		824.504		824.504
26,391.069			33,491.774	74,125.424
				5.067
81,569.679			48,101.298	129,894.455
2,320.361			23,903.288	227,064.071
15,160.662				18,692.897
				1,566.255
3,278.980			35,471.554	71,926.827
				12,726.340
41,244.402				41,244.402
16,944.189				16,961.568
				493.165
96.157			14,583.441	15,976.167
702.384				702.384
				931,305.138
25.560	78.236	2.346	104.264	636.003
589.461	1,262.248			2,437.849
402,040.025	1,372.385	831.450	861,083.920	3,603,623.591
8,767.136			7,285.423	18,251.284
578,439.380	829,972.952		831.521	2,273,693.714
989,246.541	831,345.337	831.450	869,200.864	5,895,568.589
22,826.154	126,326.851	21,047.044	9,201.081	309,550.653
32.848	1,643.360	2.767	5.629	1,833.869
5,515.661				13,905.922
1,017,621.204	959,315.548	21,881.261	878,407.574	6,220,859.033
	12,288,025.171	792.636	278.910	16,437,138.559
220.446	692,206.078		174.842	707,576.089
	73,678,498.522			79,837,817.286
	2,323.694	12.602		8,921.826
19.814	18,185,471.550	9.446	12.152	18,192,825.545
159.370	206.227			365.597
399.630	104,846,731.242	814.684	465.904	115,274,644.062
1,018,020.834	105,806,046.790	22,695.945	878,873.478	121,495,503.095
	8,628.717			8,628.717
	3,359.944			3,359.944
	11,988.661			11,988.661
1,018,020.834	105,806,046.790	22,695.495	878,873.478	121,495,503.096
				3,234,074.912
3,234,074.912		10.000		993,403.380
703,287.969	290,115.415			270.520
46.380				
3,937,409.261	290,115.415	10.000		4,227,748.816
4,955,430.095	106,108,150.866	22,715.945	878,873.478	125,735,240.572
Value	*Value*	*Value*	*Value*	*Value*
$4,256.09	$109,010.02	$425.06	$658.65	$266,232.20
2,950.00	75,432.76	294.56	456.62	184,415.15
35,430,475.00	3,703,446,797.98	793,988.46	30,759,456.46	4,251,824,856.86
193,048.08				486,707.22
137,809,324.16	10,154,039.53	350.00		147,971,208.59
173,440,053.33	3,713,785,280.29	795,058.08	30,760,571.73	4,400,733,420.02

Deposits and purchases of silver

[On quantity

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	0.13	3,709.08
Alabama		
Arizona	.21	89,131.79
California		868,759.71
Colorado	.21	
Georgia		
Idaho		7,712.34
Indiana	.42	
Montana	.41	10.72
Nevada		1,939,896.39
New Mexico		12,642.90
North Carolina	12.46	
Oklahoma		
Oregon		5,431.91
South Carolina	38.00	
South Dakota		
Tennessee		
Utah		12.53
Virginia	288.57	
Washington		933.40
Wyoming		
Other States		
Philippine Islands		848,749.15
Puerto Rico		
Grains, receiving division	152.51	115.63
Operative recoveries (surplus bullion)	2,018.99	252.78
Total newly mined unrefined	2,511.91	3,777,358.33
Domestic—newly mined (domestic refinery product):		
Less than 0.996 fine		90.53
0.996 fine and over	20,780,340.95	19,789,148.92
Total newly mined domestic	20,782,852.86	23,566,597.78
Domestic—other:		
Secondary	28,190.35	41,299.79
Domestic coin:		
Purchased	2,110.50	381.49
From Treasury and Reserve banks	2,093,888.13	144,898.17
Total domestic	22,907,041.84	23,753,177.23
IMPORTS:		
Bullion, unrefined		
Bullion, refined:		324,223.89
Purchase Act silver		
Other		12,967,576.09
Secondary		
Foreign coin	1,068.61	
	.52	.54
Total imports	1,069.13	13,291,800.52
Total primary receipts	22,908,110.97	37,044,977.75
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		
Assay coin		25.00
Total intermint transfers	1,052.94	
Grand total, fine ounces	1,052.94	25.00
	22,909,163.91	37,045,002.75
VALUE—		
Cost of acquisitions	*Value* $14,716,854.04	*Value* $21,405,181.86
Cost of bullion transferred		10.88
Subsidiary coining value of transferred domestic coin	2,896,065.06	200,308.50
Monetary value (at $1.29+ per fine ounce) of bullion transferred		
Monetary value (at $1.29+ per fine ounce) of silver acquired	26,911,318.40	32.32
		47,709,193.74

during the calendar year 1940

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
83,897.74	5.64		21,154.65	108,767.24
		2.68		2.68
27.15			1.46	89,160.61
3.26			11.29	868,774.26
77,350.11				77,350.32
		67.88		67.88
13,713.81			2,787.28	24,213.43
				.42
159,735.62			1,702.31	161,449.06
7,944.22			70.95	1,947,911.56
642,823.17				655,466.07
				12.46
7,374.75			691.24	13,497.90
				38.00
50,135.24				50,135.24
				548.15
535.62				288.57
36,148.11			321.65	37,403.16
74.21				74.21
				848,749.15
19.31	16.56	1.57	42.16	347.74
3,796.31	5,607.21			11,675.29
1,083,578.63	5,629.41	72.13	26,782.99	4,895,933.40
			10.51	116,713.98
116,612.94				63,367,900.65
	22,798,410.78			
1,200,191.57	22,804,040.19	72.13	26,793.50	68,380,548.03
7,885.58	144,036.54	5,903.39	2,470.80	229,786.45
				3,000.82
499.39	9.44			2,735,008.70
496,222.40				
1,704,798.94	22,948,086.17	5,975.52	29,264.30	71,348,344.00
	220,655.36	321.02		545,200.27
				139,730,417.76
	126,762,841.67			397,956.75
	397,956.75			1,573.80
	504.13	1.06		3,465.40
.01	3,464.33			
.01	127,385,422.24	322.08		140,678,613.98
1,704,798.95	150,333,508.41	6,297.60	29,264.30	212,026,957.98
				149,976.60
30,457.39	119,519.21	249.75		4,570.55
100.00	4,195.80			1,052.94
				155,600.09
30,557.39	123,715.01	249.75		212,182,558.07
1,735,356.34	150,457,223.42	6,547.35	29,264.30	
Value	*Value*	*Value*	*Value*	*Value*
$853,359.47	$62,688,137.87	$2,139.58	$9,946.26	$99,675,619.08
10,407.16	54,116.19	109.09		64,643.32
685,982.24				3,782,355.80
				199,818.53
39,508.54	159,954.76	322.91	37,836.67	270,599,691.77
1,562,604.02	194,370,596.59	8,142.35		

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1940

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$155,960.00	$37,960.00	$193,920.00
Eagles	68,090.00	5,630.00	73,720.00
Half eagles	53,880.00	1,350.00	55,230.00
Quarter eagles	10,377.50	383.50	10,761.00
3-dollar pieces	51.00	27.00	78.00
1-dollar pieces	140.00	160.00	300.00
Total gold, face amount	288,498.50	45,510.50	334,009.00
Total value of gold content at $20.67+per ounce			332,927.91
Silver:			
Trade dollars		41.00	41.00
Standard dollars		369.00	369.00
Half dollars	1,708,006.00	1,692.50	1,709,698.50
Quarter dollars	1,660,799.75	1,910.75	1,662,710.50
20-cent pieces	4.40		4.40
Dimes	770,844.70	1,841.30	772,686.00
Half dimes	388.95	.30	389.25
3-cent pieces	15.93	.03	15.96
Total silver, face amount	4,140,059.73	5,854.88	4,145,914.61
Nickel:			
5-cent pieces	279,505.30		279,505.30
3-cent pieces	26.52		26.52
1-cent pieces	13.95		13.95
Total nickel, face amount	279,545.77		279,545.77
Bronze:			
2-cent pieces	29.62		29.62
1-cent pieces	82,863.32	2.21	82,865.53
Total bronze, face amount	82,892.94	2.21	82,895.15
Copper:			
1-cent pieces	44.82		44.82
½-cent pieces	.07		.07
Total copper, face amount	44.89		44.89
Total minor, face amount	362,483.60	2.21	362,485.81
Total face amount	4,791,041.83	47,100.09	4,842,409.42

SUMMARY

Metal obtained by melting the above:		*Weights*
Gold	fine ounces	16,105,388.00
Silver	do	2,739,062.46
Nickel	gross ounces	853,279.59
Bronze and copper	do	802,058.54
Monetary value of metal obtained:		
Gold [1]		*Value*
Silver		$563,686.83
Nickel		3,786,494.28
Bronze and copper		265,405.80
Total		80,205.84
Loss by recoinage:		
Silver		4,695,792.75
Nickel		
Bronze and copper		
Total		$359,420.33
		14,139.97
		2,734.20
		376,294.50

[1] At $35 per ounce.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations thereon during the fiscal year 1941

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Purchases	5,694	19,986	5,022	10,890	1,606	4,227	47,425
Purchase act silver		51		442			493
Transfers	147						147
Intermint transfers	6	2	62	3	2		75
Trust deposits	7						7
Total deposit transactions	5,854	20,039	5,084	11,335	1,608	4,227	48,147
Deposit assay determinations:							
Purchases	7,507	23,881	6,439	23,659	1,606	5,085	68,177
Purchase act silver		51		3,805			3,856
Transfers	147						147
Intermint transfers	4	2	2,085	130			2,221
Trust deposits	315						315
Total deposit assay determinations	7,973	23,934	8,524	27,594	1,606	5,085	74,716

Deposits and purchases of gold

[On quantity basis,

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine source:	*Fine ounces*	*Fine ounces*
Alaska	1.150	19,875.695
Alabama		
Arizona	2.163	46,890.712
California		1,192,658.427
Colorado		
Georgia		
Idaho	5.995	15,921.222
Indiana	5.067	
Montana	2.470	232.866
Nevada		220,948.754
New Mexico		3,187.614
North Carolina	1,946.212	
Oregon	1.358	29,920.330
South Carolina	14,469.481	
South Dakota		
Utah		17.379
Virginia	567.046	
Washington		1,069.045
Wyoming		
Philippine Islands		1,005,141.512
Puerto Rico	7.526	
Grains, receiving division	160.570	242.593
Operative recoveries (surplus bullion)	125.446	2,938.082
Total newly mined unrefined	17,294.484	2,539,044.231
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine		2,198.725
0.995 fine and over		704,598.210
Total newly mined domestic	17,294.484	3,245,841.166
Domestic—Other:		
Secondary	88,906.870	32,780.920
Domestic coin:		
Purchased	19.966	36.955
From Treasury and Reserve banks	7,237.582	
Total domestic	113,458.902	3,278,659.041
IMPORTS:		
Bullion, unrefined		935,762.044
Bullion, refined:		
From domestic refineries		9,075.026
Other		5,869,960.832
Secondary	10,561.080	
Foreign coin	300.202	10,704.081
Domestic coin	.108	
Total inports	10,861.390	6,825,501.983
Total primary receipts	124,320.292	10,104,161.024
Total acquisitions	124,320.292	10,104,161.024
INTERMINT TRANSFERS[1]		
Unrefined bars		
Proof bullion		50.000
Total intermint transfers		50.000
Grand total, fine ounces	124,320.292	10,104,211.024
VALUE:	*Value*	*Value*
Purchases at $20.67+ per ounce	$3,417.21	$146,820.53
Increment to $35 per ounce	2,364.77	101,765.01
Purchases at $35 per ounce	4,092,112.95	353,397,050.31
Domestic coin from other Treasury offices (melted)	253,315.36	
Intermint transfers		1,750.00
Total value at $35 per ounce	4,351,210.29	353,647,385.85

[1] In addition to the intermint transfers listed in this tabulation, refined gold bullion having a value of $9,055,884,651.77 was transferred from the New York Assay Office to the Depository at Fort Knox, Ky.

during the fiscal year 1941

see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
15.491	29.284		682,481.896	702,403.516
		15.203		15.203
173.255			2.865	47,068.995
266.061			73.123	1,192,997.611
220,337.329				220,337.329
	16.897	561.082		577.979
29,132.120			42,851.617	87,910.954
				5.067
74,426.176			46,468.472	121,129.984
3,460.334			24,450.943	248,860.031
16,727.099				19,914.713
				1,946.212
3,630.502			33,760.791	67,312.981
	8.544			14,478.025
42,699.217				42,699.217
15,767.306				15,784.685
				567.046
128.419			11,690.382	12,887.846
712.305				712.305
				1,005,141.512
		9.124		16.650
36.500	91.475	2.198	45.401	578.737
564.550	2,335.262		67.129	6,030.469
408,076.664	2,481.462	587.607	841,892.619	3,809,377.067
3,677.246			6,857.273	12,733.244
561,095.060	832,492.815		831.521	2,099,017.606
972,848.970	834,974.277	587.607	849,581.413	5,921,127.917
20,965.369	117,433.626	17,921.142	7,983.153	285,991.080
97.848	66.398	5.082	4.456	229.382
15,423.339				22,660.921
1,009,335.526	952,474.301	18,513.831	857,569.022	6,230,010.623
	7,333,190.947	1,262.141		8,270,215.132
			261.765	568,681.988
1,357.064	557,988.133			67,681,032.856
	61,811,072.024			12,442.564
	1,868.882	12.602		18,093,735.142
19.560	18,082,692.872	6.869	11.558	462.356
159.370	302.878			
1,535.994	87,787,115.736	1,281.612	273.323	94,626,570.038
1,010,871.520	88,739,590.037	19,795.443	857,842.345	100,856,580.661
1,010,871.520	88,739,590.037	19,795.443	857,842.345	100,856,580.661
				10,068,773.526
9,958,852.054	109,921.472	20.000		116.380
46.380				
				10,068,889.906
9,958,898.434	109,921.472	20.000		
10,969,769.954	88,849,511.509	19,815.443	857,842.345	110,925,470.567
Value	*Value*	*Value*	*Value*	*Value*
$5,637.40	$9,578.47	$463.77	$960.01	$166,877.39
3,907.40	6,639.08	321.44	665.50	115,663.20
34,831,141.63	3,105,869,433.15	692,055.16	30,022,856.58	3,528,904,649.78
539,816.81				793,132.17
348,561,445.22	3,847,251.52	700.00		352,411,146.74
383,941,948.46	3,109,732,902.22	693,540.37	30,024,482.09	3,882,391,469.28

Deposits and purchases of silver

[On quantity basis,

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	*Fine ounces*	*Fine ounces*
Alaska	0.13	3,688.96
Alabama		
Arizona	.21	112,065.62
California		943,903.49
Colorado		
Georgia		
Idaho	.74	9,316.12
Indiana	.42	
Montana	.41	13.92
Nevada		2,160,379.12
New Mexico		3,193.89
North Carolina	6.61	
Oregon	.15	5,079.04
South Carolina	10.61	
South Dakota		
Utah		12.53
Virginia	337.52	
Washington		321.90
Wyoming		
Philippine Islands		906,559.37
Puerto Rico	.72	
Grains, receiving division	108.89	147.14
Operative recoveries (surplus bullion)		1,993.23
Total newly mined unrefined	466.41	4,146,674.33
Domestic—Newly mined (domestic refinery product):		
Less than 0.996 fine		519.84
0.996 fine and over	16,629,983.67	23,651,216.29
Total newly mined domestic	16,630,450.08	27,798,410.46
Domestic—Other:		
Secondary	27,074.18	77,883.42
Domestic coin—Purchased	1,804.66	180.41
From Treasury and Reserve banks	1,898,475.26	144,570.47
Total domestic	18,557,804.18	28,021,044.76
IMPORTS:		
Bullion, unrefined		283,813.72
Bullion, refined:		
From domestic refineries		
Purchase Act Silver		
Other		8,762,199.68
Secondary		
Foreign coin	1,502.88	
Total imports		.40
Total primary receipts	1,502.88	9,046,013.80
	18,559,307.06	37,067,058.56
INTERMINT TRANSFERS		
Refined bars	814.81	
Unrefined bars		
Proof bullion		
Assay coin		50.00
Total intermint transfers	1,098.70	
	1,913.51	50.00
DEPOSITED IN TRUST BY OTHER GOVERNMENTS		
Imported bullion	5,794,624.21	
Bullion from domestic refineries	59,407.25	
Total deposited in trust	5,854,031.46	
Grand total	24,415,252.03	37,067,108.56
VALUE:		
Cost of acquisitions	*Value*	*Value*
Cost of bullion transferred	$11,830,370.26	$22,945,810.25
Subsidiary coining value of transferred domestic coin	1,636.34	21.25
Monetary value (at $1.29+per fine ounce) of bullion transferred	2,625,987.86	199,855.50
Monetary value (at $1.29+per fine ounce) of silver acquired	1,053.49	64.65
	21,541,277.46	47,738,166.36

during the fiscal year 1941

see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
81,532.24	5.23		20,465.11	105,691.67
		2.13		2.13
22.32			1.46	112,089.61
44.66			11.00	943,959.15
65,436.44				65,436.44
	9.97	40.63		50.60
15,956.07			2,594.05	27,866.98
				.42
158,768.48			1,399.46	160,182.27
8,534.59			25.34	2,168,939.05
805,524.45				808,718.34
				6.61
7,511.75			623.84	13,214.78
	4.19			14.80
51,632.21				51,632.21
382.18				394.71
				337.52
24,303.32			300.12	24,925.34
76.65				76.65
				906,559.37
		.88		1.60
		.71	14.88	312.19
20.07	20.50		22.92	14,745.20
5,392.41	7,336.64			
1,225,137.84	7,376.53	44.35	25,458.18	5,405,157.64
			6.92	115,090.71
114,563.95				66,413,568.12
	26,132,368.16			
1,339,701.79	26,139,744.69	44.35	25,465.10	71,933,816.47
		5,328.84	2,160.13	234,620.93
7,327.59	114,846.77			2,592.51
607.44				2,726,809.74
683,764.01				
2,031,400.83	26,254,591.46	5,373.19	27,625.23	74,897,839.65
		527.03		474,644.54
	190,303.79			
				20,663.40
	20,663.40			90,221,115.33
	81,458,915.65			436,199.25
1,923.15	434,276.10	1.06		1,878.31
	374.37			3,380.71
.01	3,380.30			
		528.09		91,157,881.54
1,923.16	82,107,913.61		27,625.23	166,055,721.19
2,033,323.99	108,362,505.07	5,901.28		
				814.81
				88,319.60
	53,387.73			4,395.80
34,931.87	4,245.80			1,098.70
100.00				
				94,628.91
35,031.87	57,633.53			
				5,794,624.21
				59,407.25
				5,854,031.46
			27,625.23	172,004,381.56
		5,901.28		
2,068,355.86	108,420,138.60			
Value	*Value*	*Value*	*Value*	*Value*
$952,266.35	$47,724,809.06	$2,005.16	$9,389.11	$83,464,650.19
11,937.00	24,491.40			38,085.99
945,241.43				3,771,084.79
45,293.73	74,516.08	7,629.94	35,717.47	120,927.95
1,744,884.63	140,105,056.95			211,172,732.81

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc. [4]	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–10	1,027,923,621	24,424,006	292,990,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921–25	377,017,522	11,540,452	1,407,812,217	400,701,903	66,370,352	2,263,442,476
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 [2]	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,002	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938	209,045,356	[3] 3,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
1939	292,962,521	[3] 1,269,916	2,895,341,664	24,007,161	12,233,912	3,225,815,174
1940	209,712,611	826,025	2,854,616,654	10,063,732	11,140,063	3,086,359,085
1941	207,008,201	801,161	2,678,649,221	633,280,730	10,241,010	3,529,980,323
Total	7,022,760,250	2,871,393,723	17,010,478,604	2,679,034,896	536,087,075	30,119,754,548

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are calculated on the basis of $35 per fine ounce; prior thereto on the basis of $20.67+ per fine ounce.
[3] Includes coin converted into bullion.
[4] Beginning with fiscal year 1940 figures include domestic bullion only.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of silver deposited							
	Domestic bullion, including domestic refinery product from foreign ores, etc. [6]	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	Total
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–80	134,328,580	936,884		9,650,739		2,432,822	1,485,882	148,834,907
1881–90	262,693,183	9,520,744		13,592,062		6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524		10,741,204		3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,003,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–20	75,026,914	18,198,526	708	19,881,277	[3] 4,288,901	17,880,262	7,687,482	142,964,070
1921–30	218,245,969	20,522,169		22,242,803		6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196		1,333,817		78,174	583,107	7,176,510
1932	594,613	4,937,134		989,943		365,720	679,242	7,566,652
1933	567,579	5,580,855		627,680		5,594	728,225	7,509,933
1934	10,909,547	5,026,105		21,488,552		17,468	586,358	38,028,030
1935	[4] 140,540,635	5,840,287		294,409,533	[5] 42,324	165,433	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179		558,830,375	[5] 1,241	1,000,917	630,566	614,375,240
1937	[4] 63,251,692	3,997,293		163,237,051		867	249,816	230,736,719
1938	69,031,701	3,644,595		337,409,003		577	217,188	410,303,064
1939	63,298,478	3,207,646		352,925,689		17	164,190	419,596,020
1941	71,918,759	2,730,501		91,154,501		3,381	249,678	166,056,820
Total	1,508,390,252	144,759,581	618,724	2,113,905,415	36,927,425	46,873,496	39,723,545	3,891,198,438

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.
[6] Beginning with fiscal year 1940 figures include domestic bullion only.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1941

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$261,620.00	$5,700.00	$267,320.00
Eagles	104,570.00	5,405.00	109,975.00
Half eagles	87,900.00	655.00	88,555.00
Quarter eagles	17,772.50	405.00	18,177.50
$3 pieces	45.00	40.50	85.50
$1 pieces	157.00	166.00	323.00
Total gold, face amount	472,064.50	12,371.50	484,436.00
Total value of gold at $20.67 per ounce			482,742.30
Silver:			
Trade dollars		54.00	54.00
Standard dollars		407.00	407.00
Half dollars	1,722,663.00	1,602.50	1,724,265.50
Quarter dollars	1,700,526.75	1,787.50	1,702,314.25
20-cent pieces	2.80		2.80
Dimes	694,154.20	1,539.00	695,693.20
Half dimes	171.40	.55	171.95
3-cent pieces	30.36	.03	30.39
Total silver, face amount	4,117,548.51	5,390.58	4,122,939.09
Nickel:			
5-cent pieces	253,500.85	12.75	253,513.60
3-cent pieces	19.56		19.56
1-cent pieces	13.90		13.90
Total nickel, face amount	253,524.31	12.75	253,547.06
Bronze:			
2-cent pieces	18.20		18.20
1-cent pieces	67,116.34	5.89	67,122.23
Total bronze, face amount	67,134.54	5.89	67,140.43
Copper:			
1-cent pieces	46.56		46.56
½-cent pieces	.10		.10
Total copper, face amount	46.66		46.66
Total minor, face amount	320,715.51	18.64	320,734.15
Total face amount	4,910,328.52	17,780.72	4,928,109.24

SUMMARY

		Weights
Metal obtained by melting the above:	fine ounces	23,352.659
Gold	do	2,730,500.95
Silver	gross ounces	774,138.40
Nickel	do	654,128.33
Bronze and copper		
		Value
Monetary value of metal obtained:		
Gold[1]		$817,343.07
Silver		3,774,668.61
Nickel		240,789.51
Bronze and copper		65,412.83
Total		4,898,214.02
Loss by recoinage:		
Silver		348,270.48
Nickel		12,757.55
Bronze and copper		1,774.26
Total		362,802.29

[1] At $35 per ounce.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1931	$1,193
1891–1900	106,188	1932	442
1901–10	14,939	1933	513
1911–20	13,986	1934	504
1921	948	1935	649
1922	2,447	1936	638
1923	2,635	1937	339
1924	1,918	1938	607
1925	1,773	1939	629
1926	2,594	1940	366
1927	3,638	1941	407
1928	1,394		
1929	852	Total	228,765
1930	$1,329		

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1931	$5,487,496	$4,997,679	$489,817
1901–10	20,479,140	19,225,132	1,254,008	1932	7,482,437	6,825,156	657,281
1911–20	[2] 26,181,212	25,525,323	655,889	1933	8,467,446	7,715,023	752,423
1921	[2] 746,284	702,116	44,168	1934	7,563,736	6,948,272	615,464
1922	2,571,425	2,398,058	173,367	1935	8,828,214	8,074,032	754,182
1923	3,508,345	3,272,750	235,595	1936	7,200,195	6,587,520	612,675
1924	2,224,110	2,063,050	161,060	1937	6,026,887	5,526,508	500,379
1925	2,650,726	2,438,878	211,848	1938	5,514,687	5,038,320	476,367
1926	2,746,730	2,527,848	218,882	1939	4,861,773	4,434,279	427,494
1927	3,936,868	3,637,021	299,847	1940	4,530,970	4,140,548	390,422
1928	4,224,510	3,896,122	328,388	1941	4,122,939	3,774,669	348,270
1929	3,803,020	3,489,500	313,520				
1930	4,347,695	3,944,682	403,013	Total	202,480,213	189,744,769	12,735,444

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1941

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$27,282,885	$605,324,580	$61,189,100	$693,796,565	19,822,759
Mexico	4,896,850	10,117,450	887,215	15,901,515	454,329
Cuba	372,120	97,230	7,980	477,330	13,638
Dominican Republic	360,290		350	360,640	10,304
British West Indies	5,495		350	5,845	167
Other North American countries	5,600			5,600	160
Central America	3,419,395	3,917,410	5,810	7,342,615	209,789
South America:					
Argentina	1,497,755	6,884,185	4,746,630	13,128,570	375,102
Bolivia		10,185		10,185	291
Brazil	10,731,700	48,965		10,780,665	308,019
British Guiana	1,027,040			1,027,040	29,344
Chile	3,010,840	4,979,415	805	7,991,060	228,316
Colombia	29,357,020	10,255		29,367,275	839,065
Dutch Guiana	23,030		2,590	25,620	732
Ecuador		184,240		184,240	5,264
French Guiana	202,510			202,510	5,786
Peru	4,326,665	1,678,565	7,000	6,012,230	171,778
Uruguay	1,017,590	7,487,305		8,504,895	242,997
Venezuela	5,449,955	2,437,470		7,887,425	225,355
Other South American countries	140			140	4
Europe:					
Belgium	1,610	4,744,320	980	4,746,910	135,626
Denmark			1,118,355	1,118,355	31,953
Finland	339,710	1,122,590		1,462,300	41,780
France	14,428,015	130,021,080	203,346,605	347,795,700	9,937,020
Germany	3,395		560	3,955	113
Great Britian	96,606,650	978,821,200	354,090,380	1,429,518,230	40,843,378
Italy	595		70	665	19
Latvia		54,530		54,530	1,558
Netherlands		18,839,065	4,970	18,844,035	538,401
Portugal	16,710,225	52,885	33,040	16,796,150	479,890
Roumania			60,830	60,830	1,738
Spain	5,523,875	398,125	2,427,565	8,349,565	238,559
Sweden	3,754,940	70,140,000	4,585	73,899,525	2,111,415
Switzerland	4,988,235	21,403,760	3,588,235	29,980,230	856,578
Turkey		30,450		30,450	870
Yugoslavia	5,205,165	13,778,240	245	18,983,650	542,390
Other Europe	455	735	315	1,505	43
Eurasia: Union of Soviet Socialist Republics		36,573,180		36,573,180	1,044,948
Asia:					
Arabia		122,675		122,675	3,505
China	12,844,440	624,155		13,468,595	384,817
Dutch East Indies	91,525	7,016,450		7,107,975	203,085
India	32,187,750	1,101,310		33,289,060	951,116
Japan		61,125,400		61,125,400	1,746,440
Straits Settlements	45,185			45,185	1,291
Turkey		31,850		31,850	910
Other Asia			7,140	7,140	204
Africa:		2,655,345		2,655,345	75,867
Belgian Congo		16,555		16,555	473
Egypt		26,425		151,865	4,339
Liberia	125,440	141,822,030	94,780	141,916,810	4,054,766
Union of South Africa				1,435	41
Nigeria	1,435				
Oceania:		104,935,740	371,805	105,307,545	3,008,787
Australia				3,638,215	103,949
Fiji Islands	3,638,215			2,182,040	62,344
New Zealand	653,100	1,528,940		149,630,530	4,275,158
Unallocated	525	148,331,400	1,298,605		
Total value	290,137,365	2,388,495,690	633,296,895	3,311,929,950	
Total ounces	8,289,639	68,242,734	18,094,197		94,626,570

Deposits of foreign silver bullion and coin during the fiscal year 1941 [1]

[On quantity basis, see p. 48]

Country	Fiscal year 1941		Country	Fiscal year 1941	
	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce		Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
REFINED BULLION			South America—Continued.		
			Venezuela	8,937	12,355
Mexico	436,199	603,005	Other South American countries	1,079	1,492
Other	20,663	28,565	Europe:		
CRUDE BULLION			Portugal	8,526	11,787
			Spain	5,427	7,502
North America:			Yugoslavia	7,802	10,786
Canada	7,463	10,317	Other European countries	444	614
Dominican Republic	655	905	Asia:		
Mexico	47,316	65,410	China	7,422	10,260
Other North American countries	11	15	Dutch East Indies	119,116	164,667
Central America:			India	33,464	46,261
Costa Rica	9,711	13,425	Straits Settlements	84	116
Guatemala	1,048	1,449	Africa	523	723
Honduras	1,482	2,049	Oceania:		
Nicaragua	4,444	6,143	Fiji Islands	24,821	34,313
Salvador	107,120	148,084	New Zealand	623	861
Other Central American countries	205	283	Secondary (numerous countries)	1,878	2,596
South America:			Mixed foreign coin	3,382	4,675
Brazil	28,108	38,857			
British Guiana	2,124	2,936	Total fine ounces	936,766	
Chile	11,216	15,505	Total subsidiary coinage value		1,294,994
Peru	35,473	49,038			

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 90,221,115 fine ounces for the fiscal year 1941.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 5,854,031 fine ounces not included in the above table and consisted of: Mexican refined silver, 5,794,624 fine ounces; refined silver from domestic refineries, 59,407 fine ounces.

Summary of exports and imports of gold and silver, fiscal year ended June 30, 1941

[Information supplied by Bureau of Census, Division of Foreign Trade Statistics]

	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$83,451	$2,697,908,823	$4,832,564	$52,556,320
In ore and base bullion	63,068	104,722,242	1,635	18,761,697
Refined bullion	14,046	2,222,254,051	3,137,727	33,441,888
Coin:				
United States	6,337	9,595	124,700	122,022
Foreign		370,922,935	1,568,502	230,713

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,580,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,117,412		1,116,583,891
1937			46,020,018	1,621,523,270		1,575,503,252
1938			5,888,904	1,979,457,519		1,973,568,615
1939			508,063	3,574,658,840		3,574,150,777
1940			4,994,899	4,749,467,203		4,744,472,304
Total			6,775,189,492	24,546,824,275	1,191,187,150	18,962,821,933
Net imports						17,771,634,783

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	108,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	76,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,530		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,551,336	102,725,135		86,173,799
1935			18,801,291	354,531,001		335,729,710
1936			2,965,493	182,816,199		179,850,706
1937			12,042,339	91,876,984		79,834,645
1938			7,082,153	230,531,137		223,448,984
1939			14,629,792	85,307,095		70,677,303
1940			3,674,385	58,433,866		54,759,481
Total			3,514,194,565	3,256,672,462	1,358,810,819	1,101,288,716
Net exports					257,522,103	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold [2]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [3]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
1939			7,978,145		11,029,058
1940			19,391,999		26,807,671
1941			35,598,407		49,211,552
Total	181,073,828	3,743,128,177	1,120,697,559	884,572,989	602,693,797

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900		
Do	Feb. 12, 1873	516	900	174,105,606	3,482,112,120.00
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900	57,683,485	576,834,850.00
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔		
Do [2]	June 28, 1834	64.5	899.225		
Do [2]	Jan. 18, 1837	64.5	900	20,216,590	50,541,475.00
Do [2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900		
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	10,017	25,042.50
3 dollars [3]	Feb. 21, 1853	77.4	900	200,226	500,565.00
1 dollar [3]	Feb. 12, 1873			539,792	1,619,376.00
	Mar. 3, 1849	25.8	900		
1 dollar, commemorative:	Feb. 12, 1873			19,499,337	19,499,337.00
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."
[2] Discontinued by act of Apr. 11, 1930.
[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1940	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do.[1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900	855,611,127	[2] $855,611,127.00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	549,629,380	274,814,690.00
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	900	50,028	25,014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162,099	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150,200	75,100.00
Fort Vancouver	do	192.9	900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	900	304,193	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936			25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100,053	50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25,015	12,507.50
Wisconsin Centennial	do	192.9	900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25,015	12,507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:	$1,439,517	
From 1792 to 1805	1,000	$1,440,517
During 1836		6,590,721
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		378,166,793
Act Feb. 28, 1878 (Bland-Allison Act)	$36,087,285	
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893	42,139,872	
Act Nov. 1, 1893, to June 12, 1898	108,800,188	187,027,345
Act June 13, 1898, war revenue bill		5,078,472
Act Mar. 3, 1887 and 1891, trade-dollar conversion	$86,730,000	
Act Apr. 23, 1918, Pittman Act replacement:	183,502,722	270,232,722
Old design, since Feb. 21, 1921		7,021,528
Peace dollar, since Dec. 21, 1921		53,029
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		
Total		855,611,127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1940	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900	920,079,058	230,019,764.50
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	1,953,219,559	195,321,955.90
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12⅜	750		
Do.[10]	Mar. 3, 1853	11.52	900	42,736,240	1,282,087.20
Total silver				4,468,175,087	1,604,168,980.75

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition	Total coined to Dec. 31, 1940	
		Grains	*Thousandths*	*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	[3]	2,362,539,012	$118,126,950.60
Do	Feb. 12, 1873				
3 cents (nickel) [1]	Mar. 3, 1865	30	[3]		
Do.[1]	Feb. 12, 1873	30	[3]	31,378,316	941,349.48
2 cents (bronze) [2]	Apr. 22, 1864	96	[4]		
Cent (copper)	Apr. 2, 1792	264		45,601,000	912,020.00
Do	Jan. 14, 1793	208			
Do.[6]	Jan. 26, 1796	186	[5]	175,850,744	1,758,507.44
Do.[7]	Jan. 18, 1837	168			
Cent (nickel) [8]	Feb. 21, 1857	72			
Cent (bronze)	Apr. 22, 1864	48	[9]	200,772,000	2,007,720.00
Do	Feb. 12, 1873	48	[4]	8,456,838,398	84,568,383.98
Half cent (copper)	Apr 2, 1792	132	[4]		
Do.[6]	Jan. 14, 1793	104			
Do.[7]	Jan. 25, 1796	84	[5]	7,981,822	39,909.11
Total minor	Jan. 18, 1837	84			
Total coinage				11,280,961,292	208,354,840.61
				16,100,681,737	6,338,742,298.86

[1] Discontinued by act of Sept 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Discontinued by act of Apr. 22, 1864.
[9] Composed of 88 percent copper and 12 percent nickel.

United States Coins Carrying 1792 Date.

It appears that an inconsiderable number of coins bearing the date 1792, of denominations dime, half-dime, and one cent, are in the hands of coin collectors. Such coins are not included in the Mint official coinage records, which have their initiation as of 1793. Evidently they were of a preliminary, if not experimental, nature. However, the coinage system was provided for by legislation of April 2, 1792, and May 8, 1792, and historical records, including the following excerpt from President George Washington's fourth report to the Congress of the United States, appear to authenticate the issue of coins in 1792. Excerpt from President Washington's report to Congress dated November 6, 1792:

In execution of the authority given by the legislature, measures have been taken for engaging some artists from abroad to aid in the establishment of our Mint. Others have been employed at home. Provisions have been made for the requisite buildings, and these are now putting into proper condition for the purposes of the establishment. There has been a small beginning in the coinage of half dismes, the want of small coins in circulation calling the first attention to them.

Coinage of each mint, by face amount, with grand total

Denomination	Philadelphia, 1793–1940	San Francisco, 1854–1940	Denver, 1906–40
Gold:			
50 dollars		$150. 950. 00	
Double eagles	$1, 423, 602, 540. 00	1, 762, 690, 520. 00	$262, 160, 000. 00
Eagles	345, 549, 320. 00	145, 584, 060. 00	59. 092, 800. 00
Half eagles	209, 848, 105. 00	140, 140. 040. 00	26, 463, 300. 00
3 dollars	1, 357, 716. 00	186, 300. 00	
Quarter eagles	42, 413, 887. 50	1, 886, 297. 50	2, 704, 200. 00
Dollars	18, 573, 821. 00	115, 266. 00	
Total gold	2, 041, 345, 389. 50	2, 050, 753, 433. 50	350, 420, 300. 00
Silver:			
Dollars	423, 758, 122. 00	183, 504, 073. 00	47, 406, 100. 00
Trade dollars	5, 107, 524. 00	26, 647, 000. 00	
Half dollars	155, 570, 676. 00	60, 542, 850. 00	21, 871, 693. 50
Quarter dollars	160, 702, 688. 00	27, 796, 534. 25	23, 865, 600. 00
20 cents	11, 342. 00	231, 000. 00	
Dimes	132, 568, 355. 60	28, 839, 518. 90	25, 015, 980. 00
Half dimes	3, 948, 791. 90	119, 100. 00	
3 cents	1, 260, 487. 20		
Total silver	882. 927, 986. 70	327, 680, 076. 15	118, 159, 373. 50
Minor:			
5 cents	97, 871. 885. 60	8, 453, 950. 00	11, 801, 115. 00
3 cents	941. 349. 48		
2 cents	912. 020. 00		
1 cent	72, 562. 451. 42	7, 650, 600. 00	8, 121, 560. 00
Half cent	39, 909. 11		
Total minor	172, 327, 615. 61	16. 104, 550. 00	19, 922, 675. 00
Total face amount	3, 096, 600, 991. 81	2, 394, 538, 059. 65	488, 502, 348. 50
Total pieces	12. 311, 890, 714	1, 800, 149, 943	1, 510, 341, 607

Coinage of each mint during

BY NUMBER

Mint	1931	1932	1933	1934
Philadelphia: Gold	2, 938, 250	5, 564, 750	758, 000	
Silver	3, 150, 000	5, 404, 000		64, 150, 244
Minor	19, 396, 000	9, 062, 000	14, 360, 000	239, 293, 003
Total	25, 484, 250	20, 030, 750	15, 118, 000	303, 443, 247
San Francisco: Gold				
Silver	1, 800, 000			
Minor	2, 066, 000	408, 000	1, 786, 000	4, 663, 000
Total	3, 866, 000	408, 000	1, 786, 000	4, 663, 000
Denver: Gold	106, 500			
Silver	1, 260, 000	436, 800	5, 250	14, 237, 106
Minor	4, 480, 000	10, 500, 000	6, 200, 000	35, 926, 000
Total	5, 846, 500	10, 936, 800	6, 205, 250	50, 163, 106
All mints: Grand total pieces	35, 196, 750	31, 375, 550	23, 109, 250	358, 269, 353

pieces, since organization to close of business, Dec. 31, 1940

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total, face amount	Total pieces
				$150, 950. 00	3, 019
$16, 375, 500. 00	$17, 283, 560. 00			3, 482, 112, 120. 00	174, 105, 606
23, 610, 890. 00	2, 997, 780. 00			576, 834, 850. 00	57, 683, 485
4, 618, 625. 00	3, 548, 085. 00	$4, 405, 135. 00	$5, 536, 055. 00	394, 559, 345. 00	78, 911, 869
72, 000. 00			3, 360. 00	1, 619, 376. 00	539, 792
3, 023, 157. 50		544, 915. 00	494, 625. 00	51, 067, 082. 50	20, 426, 833
1, 004, 000. 00		109, 138. 00	72, 529. 00	19, 874, 754. 00	19, 874, 754
48, 704, 172. 50	23, 829, 425. 00	5, 059, 188. 00	6, 106, 569. 00	4, 526, 218, 477. 50	351, 545, 358
187, 111, 529. 00	13, 881, 329. 00			855, 661, 153. 00	855, 661, 153
	4, 211, 400. 00			35, 965, 924. 00	35, 965, 924
40, 117, 338. 00	2, 654, 313. 50			280, 756, 871. 00	561, 513, 742
15, 085, 750. 00	2, 579, 198. 00			230, 029, 770. 25	920, 119, 081
	28, 658. 00			271, 000. 00	1, 355, 000
6, 807, 990. 60	2, 090, 110. 80			195, 321, 955. 90	1, 953, 219, 559
812, 327. 50				4, 880, 219. 40	97, 604, 388
21, 600. 00				1, 282, 087. 20	42, 736, 240
249, 956, 535. 10	25, 445, 009. 30			1, 604, 168, 980. 75	4, 468, 175, 087
				118, 126, 950. 60	2, 362, 539, 012
				941, 349. 48	31, 378, 316
				912, 020. 00	45, 601, 000
				88, 334, 611. 42	8, 833, 461, 142
				39, 909. 11	7, 981, 822
				208, 354, 840. 61	11, 280, 961, 292
298, 660, 707. 60	49, 274, 434. 30	5, 059, 188. 00	6, 106, 569. 00	6, 338, 742, 298. 86	
419, 076, 513	56, 636, 119	1, 208, 131	1, 378, 710		16, 100, 681, 737

the past 10 calendar years

OF PIECES

1935	1936	1937	1938	1939	1940	Total
						9, 261, 000
102, 140, 072	141, 772, 083	86, 398, 955	35, 818, 947	108, 124, 032	110, 244, 352	657, 202, 685
303, 652, 000	428, 638, 989	388, 665, 089	176, 212, 099	437, 107, 055	763, 325, 030	2, 779, 711, 265
405, 792, 072	570, 411, 072	475, 064, 044	212, 031, 046	545, 231, 087	873, 569, 382	3, 446, 174, 950
27, 590, 655	17, 080, 111	13, 500, 519	10, 944, 024	15, 725, 110	34, 354, 000	127, 851, 419
49, 002, 000	44, 060, 000	40, 135, 000	19, 285, 000	58, 700, 000	152, 630, 000	365, 878, 000
76, 592, 655	61, 140, 111	53, 635, 519	30, 229, 024	74, 425, 110	186, 984, 000	493, 729, 419
						106, 500
19, 283, 320	25, 991, 538	23, 044, 625	6, 050, 620	35, 758, 908	23, 995, 600	150, 063, 767
59, 092, 000	65, 434, 000	68, 256, 000	32, 406, 000	18, 674, 000	124, 930, 000	425, 898, 000
78, 375, 320	91, 425, 538	91, 300, 625	38, 456, 620	54, 432, 908	148, 925, 600	576, 068, 267
560, 760, 047	722, 976, 721	620, 000, 188	280, 716, 690	674, 089, 105	1, 209, 478, 982	4, 515, 972, 636

Coinage of each mint during the

BY FACE AMOUNT

Mint and denomination	1931	1932	1933	1934
PHILADELPHIA				
Gold: Double eagles	$58,765,000	$22,035,000	$8,910,000	
Eagles		44,630,000	3,125,000	
Half eagles				
Quarter eagles				
Total gold	58,765,000	66,665,000	12,035,000	
Silver: Dollars				$954,057.00
Half dollars				3,602,067.50
Quarter dollars		1,351,000		7,978,013.00
Dimes	315,000			2,408,000.00
Total silver	315,000	1,351,000		14,942,137.50
Minor: 5 cents				1,010,650.15
1 cent	193,960	90,620	143,600	2,190,800.00
Total minor	193,960	90,620	143,600	3,201,450.15
Total face amount	59,273,960	68,106,620	12,178,600	18,143,587.65
SAN FRANCISCO				
Gold: Double eagles				
Eagles				
Total gold				
Silver: Dollars				
Half dollars				1,011,000.00
Quarter dollars			893,000	1,826,000.00
Dimes	180,000	102,000		
Total silver	180,000	102,000	893,000	2,837,000.00
Minor: 5 cents	60,000			
1 cent	8,660			
Total minor	68,660			
Total face amount	248,660	102,000	893,000	2,837,000.00
DENVER				
Gold: Double eagles	2,130,000			
Silver: Dollars				
Half dollars				1,569,500.00
Quarter dollars			2,625	1,184,203.00
Dimes	126,000	109,200		881,800.00
Total silver	126,000	109,200	2,625	677,200.00
Minor: 5 cents				374,000.00
1 cent	44,800	105,000	62,000	284,460.00
Total minor	44,800	105,000	62,000	658,460.00
Total face amount	2,300,800	214,200	64,625	4,971,163.00
ALL MINTS				
Grand total face amount	61,823,420	68,422,820	13,136,225	25,951,750.65

past 10 calendar years—Continued

AND DENOMINATION

1935	1936	1937	1938	1939	1940	Total
						$89, 710, 000. 00
						47, 755, 000. 00
						137, 465, 000. 00
$1, 576, 000. 00						2, 530, 057. 00
4, 625, 036. 00	$6, 482, 058. 00	$4, 915, 828. 50	$2, 070, 087. 00	$3, 412, 958. 00	$4, 583, 639. 50	29, 691, 674. 50
8, 121, 000. 00	10, 325, 959. 25	4, 925, 385. 50	2, 370, 011. 25	8, 387, 198. 75	8, 928, 811. 50	52, 387, 379. 25
5, 883, 000. 00	8, 750, 413. 00	5, 686, 575. 60	2, 219, 872. 80	6, 774, 932. 10	6, 536, 182. 70	38, 573, 976. 20
20, 205, 036. 00	25, 558, 430. 25	15, 527, 789. 60	6, 659, 971. 05	18, 575, 088. 85	20, 048, 633. 70	123, 183, 086. 95
2, 913, 200. 00	5, 950, 071. 00	3, 974, 288. 45	975, 768. 25	6, 031, 376. 75	8, 824, 957. 90	29, 680, 312. 50
2, 453, 880. 00	3, 096, 375. 69	3, 091, 793. 20	1, 566, 967. 34	3, 164, 795. 20	5, 868, 258. 72	21, 861, 050. 15
5, 367, 080. 00	9, 046, 446. 69	7, 066, 081. 65	2, 542, 735. 59	9, 196, 171. 95	14, 693, 216. 62	51, 541, 362. 65
25, 572, 116. 00	34, 604, 876. 94	22, 593, 871. 25	9, 202, 706. 64	27, 771, 260. 80	34, 741, 850. 32	312, 189, 449. 60
1, 964, 000. 00						2, 975, 000. 00
2, 063, 327. 50	2, 021, 055. 50	1, 054, 259. 50	11, 012. 00	1, 278, 555. 00	2, 275, 000. 00	11, 422, 209. 50
1, 415, 000. 00	957, 000. 00	413, 000. 00	708, 000. 00	657, 000. 00	2, 061, 000. 00	6, 313, 000. 00
1, 584, 000. 00	921, 000. 00	974, 000. 00	809, 000. 00	1, 054, 000. 00	2, 156, 000. 00	7, 678, 000. 00
7, 026, 327. 50	3, 899, 055. 50	2, 441, 259. 50	1, 528, 012. 00	2, 989, 555. 00	6, 492, 000. 00	28, 388, 209. 50
515, 000. 00	746, 500. 00	281, 750. 00	205, 250. 00	331, 500. 00	1, 984, 500. 00	4, 124, 500. 00
387, 020. 00	291, 300. 00	345, 000. 00	151, 800. 00	520, 700. 00	1, 129, 400. 00	2, 833, 880. 00
902, 020. 00	1, 037, 800. 00	626, 750. 00	357, 050. 00	852, 200. 00	3, 113, 900. 00	6, 958, 380. 00
7, 928, 347. 50	4, 936, 855. 50	3, 068, 009. 50	1, 885, 062. 00	3, 841, 755. 00	9, 605, 900. 00	35, 346, 589. 50
						2, 130, 000. 00
						1, 569, 500. 00
						8, 190, 533. 50
1, 513, 160. 00	2, 242, 769. 00	854, 512. 50	256, 810. 00	2, 136, 454. 00		8, 049, 300. 00
1, 445, 000. 00	1, 343, 500. 00	1, 797, 400. 00		1, 773, 000. 00	699, 400. 00	9, 991, 600. 00
1, 047, 700. 00	1, 613, 200. 00	1, 414, 600. 00	553, 700. 00	2, 439, 400. 00	2, 119, 800. 00	
4, 005, 860. 00	5, 199, 469. 00	4, 066, 512. 50	810, 510. 00	6, 348, 854. 00	2, 819, 200. 00	27, 800, 933. 50
604, 600. 00	1, 240, 700. 00	891, 300. 00	619, 800. 00	175, 700. 00	2, 177, 000. 00	6, 083, 100. 00
470, 000. 00	406, 200. 00	504, 300. 00	200, 100. 00	151, 600. 00	813, 900. 00	3, 042, 360. 00
1, 074, 600. 00	1, 646, 900. 00	1, 395, 600. 00	819, 900. 00	327, 300. 00	2, 990, 900. 00	9, 125, 460. 00
5, 080, 460. 00	6, 846, 369. 00	5, 462, 112. 50	1, 630, 410. 00	6, 676, 154. 00	5, 810, 100. 00	39, 056, 393. 50
38, 580, 923. 50	46, 388, 101. 44	31, 123, 993. 25	12, 718, 178. 64	38, 289, 169. 80	50, 157, 850. 32	386, 592, 432. 60

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,226	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,689,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	[2] 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	[3] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[3] 25,034
1916		15,920,000	1,385,000	1,200,000			[5] 20,026
1917							[5] 10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					[6] 10,016
1922		80,670,000					
1923		45,365,000					
1924		206,010,000				1,445,000.00	
1925		190,935,000				[7] 1,615,565.00	
1926		66,785,000	10,140,000			970,000.00	
1927		124,675,000				1,040,000.00	
1928		176,320,000		3,310,000		1,330,000.00	
1929		35,595,000					
1930		1,480,000	960,000				
1931		60,895,000					
1932		22,035,000	44,630,000				
1933		8,910,000	3,125,000				
1934 [8]							
Total: 1874-1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
1793-1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * * All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		$1,758	$2,650.00				
1795		203,033	158,922.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,738.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,060.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873	$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage[1] *of the mints of the United States, by denominations and calendar years, since their organization*—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875[1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876[1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877[1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878[1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,555,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,582,572.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
1940			6,858,639.50	11,689,211.50	10,811,982.70		
Total:							
1874–1940	34,740,924	847,629,915	180,215,618.00	207,741,748.75	186,079,876.70		
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	$4,880,219.40	$1,282,087.20
Grand total	35,965,924	855,661,153	280,756,871.00	230,029,770.25	195,321,955.90	4,880,219.40	1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				$1,122.12	$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864				529,737.14	
1865				354,292.86	
1866				98,265.00	
1867	$737,125.00	$341,460.00	$396,950.00	98,210.00	
1868	1,545,475.00	144,030.00	272,800.00	102,665.00	
1869	1,440,850.00	117,450.00	63,540.00	64,200.00	
1870	819,750.00	97,560.00	58,775.00	52,750.00	
1871	240,300.00	48,120.00	56,075.00	39,295.00	
1872	28,050.00	40,050.00	30,930.00	40,420.00	
1873	301,800.00	18,120.00	17,225.00	116,765.00	
	227,500.00	25,860.00	14,425.00		
		35,190.00	1,300.00		
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392.115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,580.00	
1927	2,357,050.00			1,858,860 00	
1928	1,839,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,260.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
1937	5,147,338.45			3,941,093.20	
1938	1,800,818.25			1,918.867.34	
1939	6,538,576.75			3,837,095.20	
1940	12,986,457.90			7,811,558.72	
Total:				83,404,786.98	
1874–1940	112,786,100.60	73,509.48		4,929,824.44	
1793–1873	5,340,850.00	867,840.00	$912,020.00		$39,909.11
Grand total	118,126,950.60	941,349.48	912,020.00	88,334,611.42	39,909.11

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793			$1,281.79	$1,281.79
1794		$4,408.00	9,593.21	14,001.21
1795	$71,485.00	366,275.80	498.00	438,258.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800. 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29. 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542. 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 60	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1896	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 460. 75	2, 120, 122. 08	134, 693, 770. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 970. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233. 402, 428. 00	15, 695, 609. 95	1, 683. 529. 35	250, 781, 567. 30
1905	49, 638, 441. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 045. 00	10, 651, 027. 85	2, 890, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 126. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 929. 83	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 340, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 335. 47	33, 284, 941. 92
1914	53. 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968, 401. 50	4, 114, 097. 50	2, 062, 839. 70	30, 145, 338. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 376. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 089. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 662. 04	31, 445, 691. 04
1919		11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 057, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	10, 570, 000. 00	89, 057, 535. 50	1, 155, 310. 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	45, 365, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	206, 010, 000. 00	21, 627, 040. 00	2, 309, 690. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	78, 540, 565. 00	19, 825, 806. 50	4, 461, 630. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	40, 235, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400. 00
1930	2, 440, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
1931	60, 895, 000. 00	621, 000. 00	307, 420. 00	61, 823, 420. 00
1932	66, 665, 000. 00	1, 562, 200. 00	195, 620. 00	68, 422, 820. 00
1933	12, 035, 000. 00	895, 625. 00	205, 600. 00	13, 136, 225. 00
1934		22, 091, 840. 50	3, 859, 910. 15	25, 951, 750. 65
1935		31, 237, 223. 50	7, 343, 700. 00	38, 580, 923. 50
1936		34, 656, 954. 75	11, 731, 146. 69	46, 388, 101. 44
1937		22, 035, 561. 60	9, 088, 431. 65	31, 123, 993. 25
1938		8, 998, 493. 05	3, 719, 685. 59	12, 718, 178. 64
1939		27, 913, 497. 85	10, 375, 671. 95	38, 289, 169. 80
1940		29, 359, 833. 70	20, 798, 016. 62	50, 157, 850. 32
Total: 1874–1940	3, 674, 104, 040. 00	1, 456, 679, 082. 45	196, 264, 397. 06	5, 327, 047, 519. 51
1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 526, 218, 477. 50	1, 604, 168, 980 75	208, 354, 840. 61	6, 338, 742, 298. 86

Income and expenses of the United States Mint

Item	Philadelphia Mint	San Francisco Mint	Denver Mint
INCOME			
Revenues:			
Melting charges on bullion receipts	$10,411.84	$34,406.05	$7,008.63
Parting and refining charges on bullion		251,579.55	91,232.40
Handling charges on gold receipts	10,200.79	877,859.07	87,024.56
Handling charges on gold sales	235.71	36.57	29.99
Bar charges on issued bars	76.69	74.24	
Charges on proof coins sold	12,685.35		
Charges on accepted altered coins	953.90	4.40	
Transportation charges on bullion			
Proceeds of medals sold	3,022.17		
Receipts for special assays made on bullion and ores	422.25	3.00	292.50
Value of bullion recovered incident to receipt of deposits	5,660.05	10,380.25	5,696.81
Value of bullion recovered from refining and coining operations (net)	−423.24	104,212.71	21,804.58
Gain on lightweight and mutilated coin purchased for recoinage	26.05	41.32	15.90
Gain on bullion shipments (net)			
Proceeds of sale of old material	2,932.15	39.86	71.26
Proceeds of sale of old equipment	5,737.50	20.00	
Fines and penalties (bullion and coin forfeitures)	913.85	6,172.05	
Commission on telephone calls	92.42		63.96
Seigniorage on subsidiary silver coinage	16,366,089.18	3,626,731.02	3,353,741.24
Seigniorage on minor coinage (nickel)	8,998,040.21	2,310,392.33	3,032,663.91
Seigniorage on minor coinage (bronze)	6,977,543.22	885,787.24	916,934.81
Salary refund for jury service	20.68		
Unclaimed funds	20.09		
Refund express charges		1.96	
Total revenue	32,394,660.86	8,107,741.62	7,516,580.55
Appropriation earnings:			
Charges for manufacture of foreign coin	236,301.00	472,881.99	
Charges for manufacture of special medals	22,653.56		
Charges for work and supplies for other institutions	41,396.96		
Total earnings	300,351.52	472,881.99	
Total income	32,695,012.38	8,580,623.61	7,516,580.55
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	819.06	57,273.25	1.02
Personnel	1,510,905.14	701,087.93	556,788.62
Other expenses, including supplies, materials, equipment, and miscellaneous items	735,456.38	282,489.65	137,199.53
Loss on operative sweeps sold	710.64	1,970.36	591.14
Interinstitution items not involving appropriation transfers	−68,905.52	26,562.92	26,337.50
Total payable from appropriations	2,178,985.70	1,069,384.11	720,917.81
Payable from revenue:			
Expenses of distributing minor coin	131,112.18	35,388.17	42,208.79
Wastage of operative departments, minor metals	15,810.63	1,516.73	1,311.46
Forwarding cost of domestic silver bullion by Seattle assay office for account of Denver Mint			
Total payable from revenue	146,922.81	36,904.90	43,520.25
Total expenses	2,325,908.51	1,106,289.01	764,438.06

establishment for the fiscal year ended June 30, 1941

New York Assay Office and auxiliary West Point bullion depository	New Orleans Mint	Seattle Assay Office	Fort Knox bullion depository	Office of the Director of the Mint	Total
$123,772.36	$2,533.70	$5,544.64			$183,677.22
143,694.66					486,506.61
2,334,015.18	1,940.65	75,047.43			3,386,087.68
474.67					776.94
1,684.16					1,835.09
					12,685.35
					958.30
		1,665.63			1,665.63
					3,022.17
598.00	505.00	186.50			2,007.25
73,609.12	77.20	9,809.73			105,233.16
85,079.11					210,673.16
.37					83.64
	115.24	1,210.41			1,325.65
					3,043.27
		16.25			5,773.75
31.21	146.32				7,263.43
					156.38
					23,346,561.44
					14,341,096.45
					8,780,265.27
					20.68
					20.09
					1.96
2,762,958.84	5,318.11	93,480.59			50,880,740.57
					709,182.99
					22,653.56
					41,396.96
					773,233.51
2,762,958.84	5,318.11	93,480.59			51,653,974.08
	322.61	7,000.00			1,901,057.22
1,835,641.28	25,219.25	36,822.52	$70,093.87	$113,058.45	3,455,224.82
441,249.04					
99,313.94	1,228.05	4,137.88	4,363.32	17,455.00	1,281,643.75
1,477.06					4,749.20
			69.80	13.80	
15,921.50					
2,393,602.82	26,769.91	47,960.40	74,526.99	130,527.25	6,642,674.99
					208,709.14
					18,638.18
		1,694.76			1,694.76
		1,694.76			229,042.72
2,393,602.82	26,769.91	49,655.16	74,526.99	130,527.25	6,871,717.71

Appropriations, reimbursements, expenses, and balances of the mint establishment, fiscal year ended June 30, 1941

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated	$115,880.00	$17,500.00	[1] $1,923,000.00	$2,056,380.00
Expended	113,058.45	17,455.00	[2] 1,901,057.22	2,031,570.67
Unexpended balance	2,821.55	45.00	21,942.78	24,809.33
FIELD SERVICE				
Appropriated				3,878,040.00
Reimbursed:				
Philadelphia Mint				300,351.52
San Francisco Mint				472,881.99
Available				4,651,273.51
Expended:				
Philadelphia Mint	1,510,905.14	736,167.02	(819.06)	2,247,072.16
San Francisco Mint	701,087.93	284,460.01	[3] (57,273.25)	985,547.94
Denver Mint	556,788.62	137,790.67	(1.02)	694,579.29
New York Assay Office	441,249.04	100,791.00	[4] (1,835,641.28)	542,040.04
New Orleans Mint	25,219.25	1,228.05	(322.61)	26,447.30
Seattle Assay Office	36,822.52	4,137.88	(7,000.00)	40,960.40
Fort Knox Depository	70,093.87	4,363.32		74,457.19
Total expended	3,342,166.37	1,268,937.95		4,611,104.32
Unexpended balance				40,169.19
TOTAL, ENTIRE SERVICE				
Appropriated				5,934,420.00
Reimbursed				773,233.51
Available				6,707,653.51
Expended				6,642,674.99
Unexpended balance				64,978.52

[1] Includes $1,608,000 provided by the Deficiency Act of June 27, 1940, for the fiscal year 1940, to remain available until June 30, 1941. No portion of this appropriation was obligated during the fiscal year 1940, leaving the entire amount available for the fiscal year 1941. Includes also $100,000 of the unexpended balance of appropriation for transportation of bullion and coin for the fiscal year 1940, which was continued available during the fiscal year 1941 by the terms of the Treasury and Post Office Departments Appropriation Act, 1941.

[2] Chargeable as indicated below (in parentheses) to several offices.

[3] $57,164.88 chargeable special gold movement San Francisco to Denver.

[4] $1,815,156.72 chargeable special gold movement New York to Fort Knox and $20,484.56 special silver movement New York to West Point.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1941

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	196,291.656	$6,870,207.97	274,641,489.30	$303,913,961.29
San Francisco	38,422,707.960	1,344,794,778.83	540,680,701.02	477,900,666.26
Denver	128,650,214.440	4,502,757,505.52	87,944,322.86	42,905,961.27
ASSAY OFFICES				
New York (including West Point depository)	62,499,523.060	2,187,483,307.14	1,587,863,563.80	1,288,973,566.12
New Orleans	5,862.341	205,180.24	1.858.88	657.32
Seattle	96,656.950	3,382,994.21	2,521.62	989.62
BULLION DEPOSITORY				
Fort Knox	416,559,753.932	14,579,591,387.22		
Total	646,431,010.339	22,625,085,361.13	2,491,134,457.48	2,113,695,801.88

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$8,681.49	$215,363,727.61	$1,392,150.25	
San Francisco		84,945,519.49	369,150.00	$50,500.00
Denver		53,380,763.14	158,850.00	130,600.00
ASSAY OFFICES				
New York (including West Point depository)	91.49	62,397,747.52		2,960,000.00
New Orleans		6,478,376.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	8,772.98	422,566,133.76	1,920,150.25	3,141,100.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$236,199.23	$152,388.14	$198,800.77	$528,136,116.75
San Francisco	85,144.26	18,251.20	4,854.13	1,908,168,864.17
Denver	44,043.46	59,956.78	45,956.54	4,599,483,636.71
ASSAY OFFICES				
New York (including West Point depository)				3,541,814,712.27
New Orleans				6,684,213.56
Seattle				3,383,983.83
BULLION DEPOSITORY				
Fort Knox				14,579,591,387.22
Total	365,386.95	230,596.12	249,611.44	25,167,262,914.51

[1] Includes unclassified cash: Philadelphia, $1,298.66; San Francisco, $1,792.99; Denver, $505.29; New York, $13,746.04.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1941—Continued

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$527,536,727.87	$435,000.00	$163,101.03	$1,287.85	$528,136,116.75
San Francisco	1,908,059,021.55	75,000.00	33,249.59	1,593.03	1,908,168,864.17
Denver	4,599,333,659.93	90,000.00	59,976.78		4,599,483,636.71
ASSAY OFFICES					
New York (including West Point depository)	3,540,696,750.66			1,117,961.61	3,541,814,712.27
New Orleans	6,684,213.56				6,684,213.56
Seattle	3,383,983.83				3,383,983.83
BULLION DEPOSITORY					
Fort Knox	14,579,591,387.22				14,579,591,387.22
Total	25,165,285,744.62	600,000.00	256,327.40	1,120,842.49	25,167,262,914.51

Stock of domestic coin in the United States, June 30, 1941 [1]

On June 30, 1941, the stock of domestic coin in the United States was $1,193,690,047 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1940	$949,339,684	$173,909,149	$1,123,248,833
Coinage executed during fiscal year 1941	49,211,555	25,775,868	74,987,423
Imports, United States coin, fiscal year 1941	122,022		122,022
Total	998,673,261	199,685,017	1,198,358,278
Less:			
Exports United States coin, fiscal year 1941	124,700		124,700
United States coin withdrawn from monetary use, face amount, fiscal year 1941	4,122,885	320,646	4,443,531
United States coin used in the industrial arts, and general disappearance, estimated fiscal year 1941	100,000		100,000
Total	4,347,585	320,646	4,668,231
Estimated stock of coin in United States, June 30, 1941	994,325,676	199,364,371	1,193,690,047

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined to June 30, 1941, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 228,765, and the number of Hawaiian dollars melted to June 30, 1941, was 455,329, a total disposition of 301,698,958, leaving in the United States on June 30, 1941, 547,077,816 standard silver dollars and 447,247,860 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142.522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542.732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255.569	9.93	4.65	14.58
1885	56,148	588,697	283.479	10.48	5.05	15.53
1886	57,404	590,774	312.253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664.275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750.279	19.09	7.58	26.67
1915	100,725	1,985,539	753.702	19.71	7.48	27.19
1916	102,431	2,444.636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766.545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781.369	39.47	6.87	46.34
1925	115,378	4,360,382	805.533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124.076	4,955.921	848.578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838.642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837.459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157.476	122.82	16.44	139.26
1940	132,130	19,963,091	2,302,501	151.09	17.43	168.52
1941	133,212	22,624,197	2,430,234	169.84	18.24	188.08

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up as security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce, which compares with the previous $20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

On December 31, 1940, the stock of domestic coin in the United States was $1,161,241,350 as shown in the table below:

Stock of domestic coin in the United States, Dec. 31, 1940 [1]

Item	Silver	Minor	Total
Estimated stock of coin in United States, Dec. 31, 1939	$946,539,023	$168,942,556	$1,115,481,579
Coinage executed, calendar year 1940	29,359,835	20,798,016	50,157,851
Imports, United States coin, calendar year 1940	217,964		217,964
Total	976,116,822	189,740,572	1,165,857,394
Less:			
Exports, United States coin, calendar year 1940	7,790		7,790
United States coin withdrawn from monetary use, calendar year 1940, face amount	4,145,868	362,386	4,508,254
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1940	100,000		100,000
Total	4,253,658	362,386	4,616,044
Estimated stock of coin in United States Dec. 31, 1940	971,863,164	189,378,186	1,161,241,350

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1940, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 228,579, and the number of Hawaiian dollars melted to Dec. 31, 1940, was 455,329; a total disposition of 301,698,772, leaving in the United States on Dec. 31, 1940, 547,078,002 standard silver dollars and 424,785,162 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1940

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	195,819.218	$6,853,672.64	278,729,449.35	$306,007,052.01
San Francisco	43,808,107.931	1,533,283,777.60	523,106,497.21	455,159,020.17
Denver	118,459,844.125	4,146,094,544.40	90,587,564.69	44,728,402.53
ASSAY OFFICES				
New York (including West Point depository)	87,338,568.517	3,056,849,898.19	1,549,779,258.76	1,263,543,079.60
New Orleans	8,909.310	311,821.16	2,882.30	1,022.92
Seattle	480,137.652	16,804,817.85	21,121.72	7,314.74
BULLION DEPOSITORY				
Fort Knox	378,117,647.650	13,234,117,667.34		
Total	628,409,034.403	21,994,316,199.18	2,442,226,774.03	2,069,445,891.97

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1940—Continued

ASSETS—Continued

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$8,685.72	$215,470,996.95	$248,350.02	
San Francisco		86,166,178.88	550,126.49	$35,700.00
Denver	1.05	53,234,874.25	246,116.55	130,400.00
ASSAY OFFICES				
New York (including West Point depository)	44.10	62,510,518.87		2,858,366.00
New Orleans		6,603,388.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	8,730.87	423,985,956.95	1,044,593.06	3,024,466.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$313,071.70	$82,953.34	$126,928.30	$529,111,710.68
San Francisco	27,867.98		42,132.02	2,075,264,803.14
Denver	39,883.28	17,816.19	50,116.72	4,244,542,154.97
ASSAY OFFICES				
New York (including West Point depository)				4,385,761,906.76
New Orleans				6,916,232.08
Seattle				16,812,132.59
BULLION DEPOSITORY				
Fort Knox				13,234,117,667.34
Total	380,822.96	100,769.53	219,177.04	24,492,526,607.56

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$528,477,413.20	$440,000.00	$193,009.63	1,287.85	$529,111,710.68
San Francisco	2,075,120,221.93	70,000.00	72,894.89	1,686.32	2,075,264,803.14
Denver	4,244,411,376.23	90,000.00	40,778.74		4,244,542,154.97
ASSAY OFFICES					
New York (including West Point depository)	4,385,761,570.26			336.50	4,385,761,906.76
New Orleans	6,916,232.08				6,916,232.08
Seattle	16,812,132.59				16,812,132.59
BULLION DEPOSITORY					
Fort Knox	13,234,117,667.34				13,234,117,667.34
Total	24,491,616,613.63	600,000.00	306,683.26	3,310.67	24,492,526,607.56

[1] Includes unclassified counter cash: Philadelphia, $5,103.95; San Francisco, $6,741.78; Denver, $510.25; New York, $1,518.35.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	----------	----------	3,818	30,000	105,007
1874	60,972	9,540	----------	----------	5,536	39,607	115,655
1875	45,382	8,259	----------	----------	3,711	31,696	89,048
1876	41,912	9,589	----------	----------	3,226	44,533	99,260
1877	76,662	10,962	----------	----------	5,306	39,059	131,989
1878	122,137	6,323	----------	----------	8,192	39,768	176,420
1879	129,920	5,317	----------	----------	21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000	----------	----------	98,105	46,844	302,739
1880	61,481	93,790	----------	----------	92,185	150,086	397,542
1881	84,640	88,726	----------	----------	101,115	210,776	485,257
1882	119,523	51,501	----------	----------	75,326	234,206	480,556
1883	152,608	65,667	----------	----------	73,447	228,297	520,019
1884	171,553	63,163	----------	----------	76,171	215,813	526,700
1885	75,435	72,938	----------	----------	96,742	313,346	558,461
1886	187,197	81,431	----------	----------	97,781	223,200	589,609
1887	182,619	123,145	----------	----------	99,162	245,146	650,072
1888	227,854	97,457	----------	----------	78,224	246,218	649,753
1889	246,402	67,266	----------	----------	84,416	235,435	633,519
1890	226,220	67,646	----------	----------	80,362	274,056	648,284
1891	196,634	83,576	----------	----------	91,890	253,765	625,865
1892	156,662	81,827	----------	----------	100,991	242,622	582,102
1893	73,624	84,632	----------	----------	151,234	281,940	591,430
1894	91,781	47,107	----------	----------	151,117	248,788	538,793
1895	83,187	29,444	----------	----------	147,308	242,645	502,584
1896	121,746	54,648	----------	----------	161,828	251,011	589,233
1897	152,488	45,279	----------	----------	187,609	252,419	637,795
1898	141,070	140,049	----------	----------	263,889	286,892	831,900
1899	257,306	143,078	----------	----------	203,701	293,388	897,473
1900	328,453	153,095	----------	----------	199,350	307,870	988,768
1901	417,343	123,736	----------	----------	190,172	318,389	1,049,640
1902	458,160	159,971	----------	----------	178,147	324,253	1,120,531
1903	478,970	209,437	----------	----------	170,547	332,731	1,191,685
1904	647,262	49,187	----------	----------	195,111	325,262	1,216,822
1905	662,154	101,184	----------	----------	196,681	327,549	1,287,568
1906	737,677	156,543	----------	----------	188,096	376,007	1,458,323
1907	788,468	162,937	----------	----------	203,289	457,995	1,612,689
1908	924,317	111,041	----------	----------	209,186	411,606	1,656,150
1909	934,803	97,347	----------	----------	213,991	392,508	1,638,649
1910	982,586	120,726	----------	----------	227,978	378,745	1,710,035
1911	1,001,413	183,089	----------	----------	235,185	379,941	1,799,628
1912	995,209	258,858	----------	----------	240,452	385,718	1,880,237
1913	987,678	303,585	----------	----------	232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450	----------	118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928	----------	120,396	520,251	2,842,804
1917	679,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,803	286,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,331	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,237,967	0	0	0	0	8,237,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624
1939	(4)	17,643,577	0	0	0	0	17,643,577
1940	(4)	21,994,775	0	0	0	0	21,994,775

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900-10 [1]	$461,306,021	$58,613,159	$34,283,578	$554,202,758
1911	51,143,245	9,370,356	4,019,825	64,533,426
1912	51,388,352	11,413,021	7,959,870	70,761,243
1913	41,299,073	12,696,925	7,813,558	61,809,556
1914	35,421,165	6,142,090	7,626,125	49,189,380
1915	38,564,526	8,361,692	2,971,471	49,897,689
1916	52,210,988	12,019,899	2,742,312	66,973,199
1917	27,090,143	50,023,842	2,656,203	79,770,188
1918	31,322,709	202,503,389	8,601,568	242,427,666
1919	14,440,703	181,671,933	14,066,084	210,178,720
1920	4,902,478	83,438,040	5,970,531	94,311,049
1921	11,843,103	29,916,641	2,942,981	44,702,725
1922	10,682,662	45,097,143	1,001,128	56,780,933
1923	6,315,293	62,066,275	681,762	69,063,330
1924	23,418,769	79,593,505	2,064,232	105,076,506
1925	8,371,476	79,782,973	6,454,557	94,609,006
1926	3,799,262	80,853,036	3,891,161	88,543,459
1927	2,399,847	54,748,487	2,699,776	59,848,110
1928	544,052	80,092,220	4,036,456	84,672,728
1929	83,562	60,150,728	2,554,128	62,788,418
1930	2,053,773	47,320,561	1,521,589	50,895,923
1931	4,653,596	16,434,212	2,669,278	23,757,086
1932	607,091	9,883,473	3,359,330	13,849,894
1933	6,595,946	8,609,401	3,835,626	19,040,973
1934	6,628,829	1,351,145	8,571,362	16,551,336
1935	296,384	----------	18,504,907	18,801,291
1936	13,500	----------	1,227,806	1,241,306
1937	196,755	2,542	753,138	952,435
1938	89,591	75	700,627	790,293
1939	5,757,886	546,580	2,008,390	8,312,856
1940	----------	1,359,350	1,983,834	3,343,184
Total	903,440,780	1,294,062,693	170,173,193	2,367,676,666

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881-90 [1]	$232,194,271	$26,240,746	$54,866,527	$313,301,544
1891-1900	269,872,576	63,081,893	61,808,988	394,763,457
1901-10	425,855,098	38,176,749	17,907,809	481,939,656
1911	43,131,303	5,208,615	----------	48,339,918
1912	58,181,441	9,329,080	----------	67,510,521
1913	47,793,897	3,674,207	9,295	51,477,399
1914	27,554,123	243,325	1,216	27,798,664
1915	18,454,444	24,332	32,435	18,511,211
1916-18 [2]	----------	----------	----------	----------
1919	1,546,832	2,766,240	----------	4,313,072
1920	18,662,366	24,727,149	----------	43,389,515
1921	30,756,772	16,789,537	----------	47,546,309
1922	34,480,053	16,457,043	----------	50,937,096
1923	42,617,483	10,115,264	----------	52,732,747
1924	21,651,852	1,791,582	138,744	23,582,178
1925	24,391,638	3,945,189	3,261	28,340,088
1926	37,277,181	1,736,732	1,325,776	40,339,689
1927	23,430,762	694,776	10,804	24,136,342
1928	19,756,973	11,262,890	963,718	31,983,581
1929	19,215,677	5,648,167	----------	24,863,844
1930	27,487,140	6,634,738	145,854	34,267,732
1931 [3]	14,272,412	3,955,470	392,919	18,620,801
1932	2,634,319	4,907,127	241,020	7,782,466
1933	2,720,612	380,255	216,461	3,317,328
1934	4,653,756	21,003	170,574	4,845,333
1935	3,725,447	1,550,346	----------	5,275,793
1936	46,764,042	905	38,244	46,803,191
1937	16,999,886	770	270,916	17,271,572
1938 [4]	2,506,904	1,253	----------	2,508,157
1939 [5]	5,985,152	----------	----------	5,985,152
1940 [2]	----------	----------	----------	----------

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.
[4] From Year Book, American Bureau of Metal Statistics.
[5] For first 6 months only.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]—	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81	----------	----------	2, 628, 688	----------	----------	162, 343, 853
1881–82 to 1886–87	----------	----------	5, 126, 298	----------	----------	158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 378, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 782
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 386	57, 861, 476	−52, 989, 090
1934–35	79, 992	5, 774, 812	−5, 694, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4, 019, 262	49, 836, 880	48, 320, 802	1, 516, 078
1936–37	172, 781	3, 182, 817	−3, 010, 036	112, 255, 948	2, 144, 483	110, 111, 465
1937–38	169, 525	1, 937, 987	−1, 768, 462	24, 143, 546	8, 364, 562	15, 778, 984
1938–39	80, 355	1, 435, 067	−1, 354, 712	17, 905, 976	6, 006, 016	11, 899, 960
1939–40 [2]	156, 132	3, 019, 293	−2, 863, 161	32, 079, 275	22, 382, 276	9, 696, 999

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] For first 10 months only: Apr. 1, 1939 to Jan. 31, 1940.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 toals, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

Price of silver in London and in New York, 1940–41

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
1940	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
January	22 5/8	21 1/16	21.8920	3.9639	0.39089	0.35062
February	21 13/16	20 3/16	20.9345	3.9633	.37373	.35062
March	21 5/16	20 1/16	20.7631	3.7591	.35158	.35062
April	21 1/4	20 1/8	20.7130	3.5259	.32897	.35062
May	23 1/2	20 7/8	21.8777	3.2736	.32261	.35261
June	23 1/2	21 1/8	22.6875	3.6016	.36807	.35137
July	22 5/8	21 1/16	22.0951	3.8049	.37869	.35062
August	23 1/2	22 5/16	23.2613	3.9788	.41690	.35062
September	23 1/2	23 3/8	23.4464	4.0342	.42607	.35062
October	23 1/2	23 3/8	23.4511	4.0325	.42598	.35062
November	23 1/2	22 7/8	23.2381	4.0356	.42243	.35062
December	23 5/16	22 13/16	23.0149	4.0350	.41831	.35062
1941						
January	23 3/8	23 3/16	23.2727	4.0342	.42291	.35062
February	23 7/16	23 1/4	23.3406	4.0297	.42366	.35062
March	23 1/2	23 3/16	23.4226	4.0319	.42539	.35062
April	23 1/2	23 1/2	23.5000	4.0248	.42605	.35062
May	23 1/2	23 3/8	23.4574	4.0310	.42593	.35062
June	23 7/16	23 3/8	23.4000	4.0316	.42495	.35062
Average, calendar year 1940			22.2921	3.8300	.38458	.35085
Average, fiscal year 1940–41			23.2344	4.0209	.42082	.35062

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1908	$0.58875	$0.48250	$0.53496
1875	1.26125	1.21000	1.23883	1909	.54500	.50750	.52163
1876	1.26000	1.03500	1.14950	1910	.57625	.50750	.54245
1877	1.26000	1.16000	1.19408	1911	.57500	.52125	.54002
1878	1.20750	1.08500	1.15429	1912	.65625	.55250	.62006
1879	1.16750	1.06500	1.12088	1913	.65125	.58000	.61241
1880	1.15000	1.11250	1.13931	1914	.60875	.49000	.56331
1881	1.14500	1.11000	1.12823	1915	.58000	.47750	.51062
1882	1.15000	1.09000	1.13855	1916	.79125	.57250	.67151
1883	1.11750	1.09500	1.10874	1917	1.16500	.73125	.84000
1884	1.13250	1.08000	1.11161	1918	1.01937	.88937	.98445
1885	1.09500	1.02750	1.06428	1919	1.38250	1.01375	1.12087
1886	1.03500	.92500	.99880	1920	1.37875	.60375	1.01940
1887	1.03500	.95000	.97899	1921	.73813	.53188	.63096
1888	.97750	.92000	.94300	1922	.74188	.62875	.67934
1889	.97250	.92500	.93634	1923	.69000	.62875	.65239
1890	1.20500	.95750	1.05329	1924	.72375	.63000	.67111
1891	1.07500	.94750	.99033	1925	.73187	.66812	.69406
1892	.95250	.83000	.87552	1926	.68937	.51812	.62428
1893	.85000	.65000	.78219	1927	.60312	.54187	.56680
1894	.70000	.59500	.64043	1928	.63937	.56812	.58488
1895	.69000	.60000	.66268	1929	.57812	.46812	.53306
1896	.70250	.65625	.68195	1930	.47187	.31062	.38466
1897	.66125	.52750	.60774	1931	.37562	.26062	.29013
1898	.62250	.55125	.59064	1932	.31312	.24562	.28204
1899	.64750	.58625	.60507	1933	.45312	.24812	.34997
1900	.65750	.59750	.62065	1934	.56062	.42062	.48283
1901	.64500	.54750	.59703	1935	.81312	.50062	.64582
1902	.56875	.47375	.52815	1936	.50062	.45062	.45399
1903	.62375	.47500	.54208	1937	.47062	.45062	.45195
1904	.62500	.53375	.57843	1938	.45062	.43062	.43537
1905	.66500	.55625	.61008	1939	.43062	.35062	.39395
1906	.72375	.63125	.67379	1940	.35937	.35062	.35085
1907	.71000	.52750	.65978				

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 3/16	1.297	1887	47 1/8	43 1/4	44 1/16	.97946
1834	60 3/4	59 3/4	59 15/16	1.313	1888	44 9/16	41 5/8	42 7/8	.93974
1835	60	59 1/4	59 11/16	1.308	1889	44 3/8	41 15/16	42 1/16	.93511
1836	60 3/4	59 5/8	60	1.315	1890	54 5/8	43 5/8	47 3/4	1.04634
1837	60 3/8	59	59 9/16	1.305	1891	48 3/4	43 1/2	45 1/16	.98800
1838	60 1/8	59 1/2	59 1/2	1.304	1892	43 3/4	37 7/8	39 3/4	.87145
1839	60 5/8	60	60 3/8	1.323	1893	38 3/4	30 1/2	35 9/16	.78030
1840	60 3/4	60 1/8	60 3/8	1.323	1894	31 3/4	27	28 15/16	.63479
1841	60 3/8	59 3/4	60 1/16	1.316	1895	31 3/8	27 3/16	29 1/16	.65406
1842	60	59 1/4	59 7/16	1.303	1896	31 5/16	29 3/4	30 1/16	.67565
1843	59 5/8	59	59 3/16	1.297	1897	29 1/16	23 5/8	27 9/16	.60438
1844	59 3/4	59 1/4	59 1/2	1.304	1898	28 3/8	25	26 15/16	.59010
1845	59 7/8	58 7/8	59 1/4	1.298	1899	29	26 5/8	27 1/16	.60154
1846	60 1/8	59	59 5/16	1.300	1900	30 1/4	27	28 5/16	.62007
1847	60 3/8	58 7/8	59 11/16	1.308	1901	29 9/16	24 15/16	27 3/16	.59955
1848	60	58 1/2	59 1/2	1.304	1902	26 1/16	21 11/16	24 1/16	.52795
1849	60	59 1/2	59 3/4	1.309	1903	28 1/2	21 11/16	24 3/4	.54257
1850	61 1/2	59 1/2	60 1/16	1.316	1904	28 9/16	24 7/16	26 13/32	.57876
1851	61 5/8	60	61	1.337	1905	30 5/16	25 7/16	27 13/16	.61027
1852	61 7/8	59 7/8	60 1/2	1.326	1906	33 1/8	29	30 7/8	.67689
1853	61 7/8	60 5/8	61 1/2	1.348	1907	32 7/16	24 1/4	30 3/16	.66152
1854	61 7/8	60 7/8	61 1/2	1.348	1908	27	22	24 13/32	.53490
1855	61 5/8	60	61 5/16	1.344	1909	24 7/8	23 1/16	23 23/32	.52016
1856	62 1/4	60 1/2	61 5/16	1.344	1910	26 1/4	23 3/16	24 21/32	.54077
1857	62 3/8	61	61 3/4	1.353	1911	26 1/8	23 11/16	24 19/32	.53928
1858	61 7/8	60 3/4	61 5/16	1.344	1912	29 11/16	25 1/8	28 1/16	.61470
1859	62 3/4	61 3/4	62 1/16	1.360	1913	29 3/8	26 1/16	27 9/16	.60458
1860	62 3/8	61 1/4	61 11/16	1.352	1914	27 1/4	22 1/8	25 1/4	.55312
1861	61 3/8	60 1/8	60 13/16	1.333	1915	27 1/4	22 5/16	23 5/8	.51892
1862	62 1/8	61	61 7/16	1.346	1916	37 1/8	26 11/16	31 3/8	.68647
1863	61 3/4	61	61 3/8	1.345	1917	55	35 1/16	40 13/16	.89525
1864	62 1/2	60 5/8	61 3/8	1.345	1918	49 1/2	42 1/2	47 17/32	1.04171
1865	61 5/8	60 1/2	61 1/16	1.338	1919	79 1/8	47 3/4	57 1/32	1.25047
1866	62 1/4	60 3/8	61 1/8	1.339	1920	89 1/2	38 7/8	61 13/32	1.34649
1867	61 1/4	60 3/8	60 9/16	1.328	1921	43 3/8	30 5/8	36 23/32	.80522
1868	61 1/8	60 1/8	60 1/2	1.326	1922	37 3/8	30 3/8	34 13/32	.75403
1869	61	60	60 7/16	1.325	1923	33 11/16	30 1/2	31 5/16	.70028
1870	60 3/4	60 1/4	60 9/16	1.328	1924	36 1/16	31 1/2	33 1/32	.74456
1871	61	60 3/16	60 1/2	1.326	1925	33 7/16	31 1/16	32 3/32	.70346
1872	61 1/8	59 1/4	60 5/16	1.322	1926	31 13/16	24 1/16	28 11/16	.62873
1873	59 15/16	57 7/8	59 3/16	1.29769	1927	28	24 3/4	26 1/16	.57070
1874	59 1/2	57 1/4	58 3/16	1.27883	1928	28 7/8	26 1/16	26 3/4	.58267
1875	57 5/8	55 1/2	56 11/16	1.24233	1929	26 7/16	21 5/16	24 5/32	.53631
1876	58 1/2	46 3/4	52 3/4	1.16414	1930	21 5/8	14 7/16	17 21/32	.38724
1877	58 1/4	53 1/4	54 19/16	1.20189	1931	21 9/16	12	14 19/32	.29176
1878	55 1/4	49 1/2	52 13/16	1.15358	1932	20 7/16	16 3/8	17 27/32	.28116
1879	53 3/4	48 7/8	51 1/4	1.12392	1933	20 1/2	16 1/2	18 1/32	.34581
1880	52 13/16	51 1/2	52 1/4	1.14507	1934	25 1/4	18 3/16	21 7/32	.48122
1881	52 7/8	50 7/8	51 11/16	1.13229	1935	36 1/4	20 7/8	28 15/16	.63933
1882	52 3/8	50	51 5/8	1.13562	1936	22 15/16	19	20 1/16	.44934
1883	51 3/16	50 1/16	50 9/16	1.10874	1937	21 1/2	18 3/16	20 1/16	.44687
1884	51 3/8	49 1/2	50 11/16	1.11068	1938	20 9/16	18 3/8	19 7/32	.42989
1885	50	46 7/8	48 9/16	1.06510	1939	23 1/2	16 1/16	20 13/32	.40776
1886	47	42	45 3/8	.99467	1940	23 1/2	20 1/16	22 9/32	.38458

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce	United States equivalent of London price [1]		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1 000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 9.00	18.9188	20.6387	----------
British mint price per standard ounce (0.916⅔)	3 17 10.50	18.9492	----------	.16077
Equivalent per fine ounce	4 4 11.45+	----------	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	----------	----------
Equivalent per fine ounce	4 4 9.82−	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce			United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£	s.	d.		Percent		
1919	4	10	1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	5	12	11.52	27.4863	33.17875	3.6643	20.6960
1921	5	7	.50	26.0463	26.20109	3.8491	20.6007
1922	4	13	3.80	22.7066	10.01952	4.4292	20.6659
1923	4	10	2.90	21.9583	6.39381	4.5748	20.6419
1924	4	13	8.30	22.7978	10.46141	4.4171	20.6923
1925	4	5	5.60	20.7964	.76410	4.8289	20.6355
1926	4	4	11.10	20.6646	.12549	4.8582	20.6291
1927	4	4	11.20	20.6667	.13561	4.8610	20.6430
1928	4	4	11.20	20.6667	.13561	4.8662	20.6651
1929	4	4	11.35	20.6697	.15020	4.8569	20.6287
1930	4	4	11.93	20.6814	.20689	4.8621	20.6625
1931	4	12	6.23	22.5126	9.07954	4.5350	20.9787
1932	5	18	.82	28.7293	39.20110	3.5061	20.6980
1933	6	4	10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6	17	7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6	17	7.85	56.7114	62.29270	5.0393	34.6840
1935	7	2	1.24	58.5450	67.53997	4.9018	34.8281
1936	7	0	3.45	57.7964	65.39768	4.9709	34.8678
1937	7	0	8.77	57.9790	65.92023	4.9440	34.7887
1938	7	2	6.66+	58.7306	68.07111	4.8894	34.8505
1939	7	14	4.07	63.5854	81.96423	4.4354	34.2278
1940	8	8	-----	69.2134	98.07004	3.8300	32.1720
British Mint price per fine ounce	4	4	11.45+	[2] $20.6718 [3] $35.0000	.16077	----------	----------
Bank of England's minimum buying rate per fine ounce	4	4	9.82−	[2] $20.6387 [3] $34.9439	----------	----------	----------

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1858	$1.039	1879	$0.86928	1900	$0.47958	1921	$0.48801
1838	1.008	1859	1.052	1880	.88564	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80927	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50587	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242	1938	.33673
1855	1.039	1876	.90039	1897	.46745	1918	.76142	1939	.30470
1856	1.039	1877	.92958	1898	.45640	1919	.86692	1940	.27136
1857	1.046	1878	.89222	1899	.46525	1920	.78844		

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1730	14.81	1773	14.62	1816	15.28	1859	15.19	1902	39.15
1688	14.94	1731	14.94	1774	14.62	1817	15.11	1860	15.29	1903	38.10
1689	15.02	1732	15.09	1775	14.72	1818	15.35	1861	15.50	1904	35.70
1690	15.02	1733	15.18	1776	14.55	1819	15.33	1862	15.35	1905	33.87
1691	14.98	1734	15.39	1777	14.54	1820	15.62	1863	15.37	1906	30.54
1692	14.92	1735	15.41	1778	14.68	1821	15.95	1864	15.37	1907	31.24
1693	14.83	1736	15.18	1779	14.80	1822	15.80	1865	15.44	1908	38.64
1694	14.87	1737	15.02	1780	14.72	1823	15.84	1866	15.43	1909	39.74
1695	15.02	1738	14.91	1781	14.78	1824	15.82	1867	15.57	1910	38.22
1696	15.00	1739	14.91	1782	14.42	1825	15.70	1868	15.59	1911	38.33
1697	15.20	1740	14.94	1783	14.48	1826	15.76	1869	15.60	1912	33.62
1698	15.07	1741	14.92	1784	14.70	1827	15.74	1870	15.57	1913	34.19
1699	14.94	1742	14.85	1785	14.92	1828	15.78	1871	15.57	1914	37.37
1700	14.81	1743	14.85	1786	14.96	1829	15.78	1872	15.63	1915	40.48
1701	15.07	1744	14.87	1787	14.92	1830	15.82	1873	15.93	1916	30.78
1702	15.52	1745	14.98	1788	14.65	1831	15.72	1874	16.16	1917	24.61
1703	15.17	1746	15.13	1789	14.75	1832	15.73	1875	16.64	1918	21.00
1704	15.22	1747	15.26	1790	15.04	1833	15.93	1876	17.75	1919	18.44
1705	15.11	1748	15.11	1791	15.05	1834	15.73	1877	17.20	1920	20.28
1706	15.27	1749	14.80	1792	15.17	1835	15.80	1878	17.92	1921	32.76
1707	15.44	1750	14.55	1793	15.00	1836	15.72	1879	18.39	1922	30.43
1708	15.41	1751	14.39	1794	15.37	1837	15.83	1880	18.05	1923	31.69
1709	15.31	1752	14.50	1795	15.55	1838	15.85	1881	18.25	1924	30.80
1710	15.22	1753	14.54	1796	15.65	1839	15.62	1882	18.20	1925	29.78
1711	15.29	1754	14.48	1797	15.41	1840	15.62	1883	18.64	1926	33.11
1712	15.31	1755	14.68	1798	15.59	1841	15.70	1884	18.61	1927	36.47
1713	15.24	1756	14.94	1799	15.74	1842	15.87	1885	19.41	1928	35.34
1714	15.13	1757	14.87	1800	15.68	1843	15.93	1886	20.78	1929	38.78
1715	15.11	1758	14.85	1801	15.46	1844	15.85	1887	21.10	1930	53.74
1716	15.09	1759	14.15	1802	15.26	1845	15.92	1888	22.00	1931	71.25
1717	15.13	1760	14.14	1803	15.41	1846	15.90	1889	22.10	1932	73.29
1718	15.11	1761	14.54	1804	15.41	1847	15.80	1890	19.75	1933	59.06
1719	15.09	1762	15.27	1805	15.79	1848	15.85	1891	20.92	1934	72.49
1720	15.04	1763	14.99	1806	15.52	1849	15.78	1892	23.72	1935	54.19
1721	15.05	1764	14.70	1807	15.43	1850	15.70	1893	26.49	1936	77.09
1722	15.17	1765	14.83	1808	16.08	1851	15.46	1894	32.56	1937	77.44
1723	15.20	1766	14.80	1809	15.96	1852	15.59	1895	31.60	1938	80.39
1724	15.11	1767	14.85	1810	15.77	1853	15.33	1896	30.59	1939	88.84
1725	15.11	1768	14.80	1811	15.53	1854	15.33	1897	34.20	1940	99.76
1726	15.15	1769	14.72	1812	16.11	1855	15.38	1898	35.03		
1727	15.24	1770	14.62	1813	16.25	1856	15.38	1899	34.36		
1728	15.11	1771	14.66	1814	15.04	1857	15.27	1900	33.33		
1729	14.92	1772	14.52	1815	15.26	1858	15.38	1901	34.68		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries, the most reliable data available are used in compiling world statistics.

COINAGE OF NATIONS

CALENDAR YEAR 1939

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			27,913,497	$7,954,792	20,192,391
Arabia, Saudi	Riyal			389,302	52,720	133,823
Belgium	Franc			100,000,000	378,976	961,990
British Empire:						
British Guiana	Pound			800	573	1,454
British Honduras	Dollar			2,000	544	1,382
British Malaya	Dollar			154,052	31,788	80,690
Canada	Dollar			2,941,103	695,189	1,764,662
Erie	Pound			262,464	281,994	715,811
Great Britain	Pound			5,819,479	4,168,223	10,580,589
New Zealand	Pound			42,600	30,514	77,457
Seychelles Island	Rupee			117,000	15,844	40,219
Southern Rhodesia	Pound			68,000	90,107	228,727
Union of South Africa	do			84,817	97,203	246,740
Cuba	Peso			9,200,000	2,803,200	7,115,625
Dominican Republic	Dollar			70,000	20,245	51,389
Egypt	Pound	20,000	167,370	700,000	1,034,372	2,625,644
France	Franc					
Tunis	do			15,012,090	129,295	328,202
Germany	Reichsmark			151,684,235	4,803,000	12,191,902
Hungary	Pengo			19,145,000	775,956	1,969,682
Mexico	Peso			6,980,000	710,317	1,803,064
Netherlands	Florin					
East Indies	do			2,595,000	295,810	750,881
Palestine	Pound			300,000	319,100	810,000
Portugal	Escudo			900,000	11,051	28,051
Rumania	Leu	72,000	729	2,249,000,000	1,149,040	2,916,715
Sweden	Krona			11,187,066	834,987	2,119,526
Switzerland	Franc			16,356,850	629,313	1,597,443
Yugoslavia	Dinar			525,680,000	1,802,443	4,575,308
Total		92,000	168,099		29,116,595	73,909,367

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.39395.

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1940 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			29,359,833	7,451,584	21,238,659
	Riyal			1,000,000	120,605	343,750
Arabia, Saudi					1,403,400	[3] 4,000,000
British Empire:						
Australia	Pound			7,200	956	2,727
British Guiana	do				701,700	[3] 2,000,000
British India	Rupee			2,100,000	385,935	1,100,000
British Malaya	Dollar			5,046,842	1,062,412	3,028,106
Canada	do			50,000	59,007	168,183
Cyprus Island	Pound			190,000	181,792	518,146
Eire	do			1,000	638	1,818
Fiji	do			5,785,065	3,690,240	10,518,000
Great Britain	do			50,000	31,895	90,909
New Zealand	do			20,000	4,866	13,870
Newfoundland	Dollar			288,000	339,878	968,727
Southern Rhodesia	Pound				806,955	[3] 2,300,000
Union of South Africa	do			3,766,391	993,687	2,832,227
Trade coins	Maria Theresa thaler.			45,000	11,421	32,553
Colombia	Peso			12,090	93	264
France:						[4]
Tunis	Franc				3,052,395	[3] 8,700,000
Germany	Reichsmark				2,904,307	8,277,916
Mexico	Peso			35,150,000	1,279,162	3,645,894
Netherlands	Florin			15,700,000	189,459	540,000
East Indies	do			200,000	771,870	[3] 2,200,000
Palestine	Pound				315,765	[3] 900,000
Rumania	Leu				315,765	[3] 900,000
Switzerland	Franc					
Turkey	Lira					
Total					26,075,787	74,321,749

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.35085.
[3] Estimate by Handy & Harman, Annual Bullion Review, 1940.
[4] Information relative to coinage operations unavailable.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1939 AND 1940

[Insofar as reported to the Director of the U. S. Mint]

Country	1939		1940 (subject to revision)	
	Gold [1]	Silver	Gold	Silver
	Value	*Fine ounces*	*Value*	*Fine ounces*
United States	$15,969,275	3,177,161	$18,208,931	2,742,527
Brazil		[2] 34,069		
British Empire:				
British East Africa		[3] 8,250		
British Somaliland		[3] 694		
British West Africa [4]		[3] 150,637		[3] 162,967
British West Indies:				
Jamaica		[3] 3,064		
Canada		[3] 177,650		[3] 84,710
Hong Kong		[3] 799,074		
Great Britain		[3] 2,614,128		[3] 895,718
Newfoundland		[3] 2,225		2,773
Nyasaland		[3] 29,361		
Sierra Leone		[3] 7,182		
Tanganyika		[3] 1,250		
Union of South Africa		[5] 3,162		
Chile		[3] 3,586		2,053
Colombia				32,553
Costa Rica				8,759
Cuba	825		279	[3] 97
Germany		[3] 48		[3] 123,856
Hungary		[3] 4,643,161		
Mexico		[3] 267		
Netherlands East Indies		[3] 78,025		
Rumania		[3] 34,260		[3] 62,126
Salvador		[3] 556,490		
Sweden				[5] 2,732
Switzerland		78,907		
Yugoslavia		[3] 50,348		
Total		[3] 4,345,109		
	15,970,100	16,798,108	18,209,210	4,120,871

[1] At $35 per fine ounce of gold.
[2] Partly estimated.
[3] Domestic coin only.
[4] Nigeria, Gold Coast, Sierra Leone, and Gambia.
[5] Foreign coin only.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1939 AND 1940

Includes new and old bullion, domestic and foreign coin, and other materials, insofar as reported to the Director of the United States Mint

Country	1939		1940 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$38,788,960	69,585,265	$41,178,387	67,062,632
Arabia-Yemen	800	6,346		
British Empire:				
Australia			[1]	[1]
British Guiana			210,000	
Canada	1,373,057	2,096,091	1,090,920	1,554,682
Great Britain	10,500,000	7,000,000	[1]	[1]
Uganda	66,535	1,000	[1]	[1]
Bulgaria	135,033		168,791	
Colombia				193,000
Denmark				
Egypt	6,195,769	910,617	6,001,965	647,835
Finland	360,313	370,258	[1]	[1]
France:				
Tunis	58,161	175,525	[1]	[1]
Germany	[2] 5,928,873		[2] 40,332	
Guatemala	3,400	386	4,250	482
Iceland			3,629	14,886
Hungary	1,320,095	683,624		
Lithuania	225,050	96,452		
Mexico		677,093		
Peru			151,900	302,600
Rumania	1,406,600	289,350		
Salvador	1,250	471		
Sweden	1,470,735	694,456		
Switzerland	3,375,820	96,452		
Uruguay	157,535	32,151		
Yugoslavia	527,240	113,804		
Total	71,895,226	82,829,341	48,850,174	69,776,117

[1] Information not available.
[2] Gold delivered by the Reichsbank.

REVISIONS, 1939 MONETARY STOCKS

Principal revisions and changes of data relative to monetary stocks for 1939, published in last year's volume, are as follows:

Australia's paper circulation should have been shown as £57,275,000.

British West Africa's silver stock for all its colonies should be $4,247,511 instead of $10,000.

Egypt's paper circulation from 26,495,000 to 28,050,000 Egyptian pounds. Silver stock shown from $16,376,000 to $19,618,000.

No information was shown in the 1939 table relative to Iceland's gold and paper. The Landsbanki Islands, the National Bank of Iceland, held kr. 5,761,709 of gold coin on December 31, 1939; converted at $0.4537 equals $2,614,087. This is a note-issuing bank, belonging entirely to the State, with notes outstanding of kr. 13,560,000 also as of this date.

Norway's gold stock increased to $93,984,000 from $93,916,000; silver stock decreased to $1,589,000 from $5,664,000.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1940

The following compilations have been made from answers to official questionnaires of the United States Mint Bureau, central bank reports, and other official sources, except as indicated by footnote.[1] It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. The amount of silver in circulation in many countries is not obtainable. Population figures are principally those supplied by the Bureau of Foreign and Domestic Commerce, United States Department of Commerce.

Monetary stock of principal countries of the world, end of calendar year 1940 (subject to revision)

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold $\frac{9}{10}$ fine: i. e., an ounce of fine gold=$35. Population (000 omitted)]

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1940, insofar as known	At average exchange rate during December 1940 [2]									
North America:												
United States (including Alaska, Hawaii and Puerto Rico).	Dollar	1.0000	1.0000	21,991,102	.....	21,991,102	3,023,005	[3] 8,085,160	132,489	165.98	22.82	61.02
Canada	do	1.6931	.9091	[4] 7,251	.....	7,251	[5] 33,586	341,456	11,422	.63	2.94	29.89
Mexico	Peso	[6]	.2045	[7] 7,000	.....	47,000	.....	421,000	19,154	2.45	.....	21.98
British Honduras	Dollar	1.6931	1.0000	.....	.....	.....	245	346	60	.....	4.08	5.76
Costa Rica	Colon	.7879	[8] .1775	.....	.....	.....	[7] 126	[9] 29,300	540	.....	.23	54.26
Cuba	Peso	1.0000	[8] .9150	1,241	.....	1,241	80,520	78,655	4,200	.30	19.17	18.73
Dominican Republic	Dollar	1.6931	[8] 1.0000	.....	.....	.....	[10] 630	[11]	1,581	.....	.40	.....
Guatemala	Quetzal	1.6931	[8] 1.0000	9,563	260	9,823	1,708	8,100	3,284	2.99	.52	2.47
Haiti	Gourde	.2000	[8] .2000	.....	.....	.....	[12] 25	[10] 8,213	2,700	.....	.....	3.04
Honduras	Lempira	.8467	[8] .5000	.....	.....	.....	4,790	[13] 2,120	1,110	.....	4.32	1.91
Newfoundland	Dollar	1.6931	.9091	334	.....	334	1,894	[14] 15	290	1.15	6.53	.05
Nicaragua	Cordoba	1.6933	[8] .2000	254	5,249	5,503	9,096	14,071	1,000	5.50	9.10	14.07
Panama	Balboa	1.0000	[8] 1.0000	.....	.....	.....	[10] 1,010	[11]	535	.....	1.89	.....
Salvador	Colon	.5000	[8] .4000	6,619	12,000	18,619	280	14,043	1,632	11.41	.17	8.60
West Indies, British:												
Barbados	Dollar	1.7166	.8406	.....	.....	.....	1,519	.....	196	.....	7.75	.....
Jamaica	Pound	8.2397	4.0350	.....	.....	.....	.....	.....	1,153	.....	.....	.....

Trinidad [15]	Dollar	1.7166	.8406						456				
West Indies, French:													
Guadeloupe	French franc	(6)	.0201	497		497			304	1.63			
Martinique	do	(6)	.0201	408		408			255	1.60			
West Indies, Netherlands	Guilder	.6806	.5308	6,339		6,339	196	10,775	91	69.66	2.05	118.41	
South America:													
Argentina	Peso	1.6335	.2977	353,141	[16]84,937	438,078		1,223,774	12,762	34.33		95.89	
Bolivia	Boliviano	.6180	[8].0300	3,204		3,204	[12] 1,675	502,647	3,412	.94	.49	147.32	
Brazil	Milreis	.0606	.0606	[1] 51,000		51,000		5,172,701	43,247	1.18		119.61	
Chile	Peso	.2000	.0517	29,750	515	30,265		1,149,071	4,597	6.58		249.96	
Colombia	do	[6].5714	.5713	17,451		17,451	9,480	62,327	8,665	2.01	1.09	7.19	
Ecuador	Sucre	.3386	[8].0670	[21] 4,128		4,128	497	77,895	2,757	1.50	.18	28.25	
Guiana:													
British	Dollar	1.7166	.8406				689	2,473	333		2.07	7.43	
French	French franc	(6)	.0201						37				
Paraguay	Peso	1.6335	[8].0416	[7] 81		81		1,231,230	900	.09		1,368.03	
Peru	Sol	.4740	[8].1575	23,586	1,871	25,457	3,766	138,809	7,023	3.62	.54	19.76	
Uruguay	Peso	[6].6583	.6583	67,896	22,443	90,339	4,435	58,797	2,093	43.16	2.12	28.09	
Venezuela	Bolivar	.3267	[8].2325	28,064	23,645	51,709	28,203	149,556	3,428	15.08	8.23	43.63	
Europe:													
Albania	Franc	.3267		[18] 2,483		2,483	[7] 699		1,120	2.22	.62		
Belgium	Belga	.1695	[19].1600	736,000		736,000	[7] 7,070	6,893,600	8,361	88.03	.84	824.49	
Bulgaria	Lev	.0122	[8].0119	24,539		24,539	22,117	6,518,354	[20] 6,650	3.69	3.33	980.20	
Czechoslovakia	Koruna			62,713		62,713		6,453,000	15,263	4.11		422.79	
Denmark	Krone	.4537	[8].2000	52,003		52,003		741,460	3,764	13.82		196.99	
Eire	Pound	8.2397	4.0350	21,423		21,423	[7] 6,989	21,200	2,966	7.22	2.36	7.14	
Estonia	Kroon	.4537	[21].2398	[19] 18,556		18,556	[7] 405		1,131	16.41	.36		
Finland	Markka	.0426	.0195	25,722		25,722		5,551,000	3,807	6.75		1,458.10	
France	Franc	(6)	[22].0208	[4] 2,000,068		2,000,068	11,148	218,382,857	41,906	47.73	.27	5,211.25	
Germany	Reichsmark	.4033	.3998	28,542	11,738	40,280	[23] 700,635	14,033,213	67,587	.60	10.37	207.63	
Gibraltar	Pound	8.2397	4.0350				121	295	20		6.05	14.75	
Great Britian	do	8.2397	4.0350	[24] 1,991		1,991	38	616,900	47,029	.04		13.12	
Greece	Drachma	.0220	[8].0066	28,000		28,000	[7] 1,098		7,000	4.00	.16		
Hungary	Pengo	.2961	.1977	[4] 24,497		24,497	[7] 4,614	1,387,000	9,035	2.71	.51	153.51	
Iceland	Krona	.4537	[8].1535	2,606		2,606		25,185	121	21.54		208.14	
Italy	Lira	.0526	.0504	137,000		137,000			43,786	3.13			
Latvia	Lat	(6)	[21].1852	[4] 13,877		13,877			1,965	7.06			
Lithuania	Litas	.1693	[21].1669	11,281		11,281		193,366	2,550	4.42		75.83	
Malta and Gozo	Pound	8.2397	4.0350				[7] 1,500		265		5.66		
Netherlands	Florin	.6806	[8].5320	[4] 617,299		617,299	9,617	1,551,825	8,635	71.49	1.11	179.71	
Norway	Krone	.4537	[8].2400	[1 17] 84,388		84,388			2,907	29.03			
Poland	Zloty	.1899							34,500				
Portugal	Escudo	.0749	.0399	92,284		92,284		2,903,000	7,275	12.69		399.04	
Rumania	Leu	.0101	[8].0046	[4] 157,400		157,400	[9] 134,532		19,646	8.01	6.85		
Spain	Peseta		.0913						24,849				
Sweden	Krona	.4537	.2382	304,955		304,955		1,481,791	6,285	48.52		235.77	
Switzerland	Franc	(6)	[4].2320	502,115		502,115	[7] 574		4,174	120.29	.14		
Bank of International Settlements	do	.3267		[25] 13,091		13,091							
Union of Soviet Socialist Republics	Ruble	8.7123	[8].1887						170,500				
Yugoslavia	Dinar	.0298	.0224	81,706		81,706	4,596	13,834,000	15,400	5.31	.30	898.31	
Asia:													
Arabia, Saudi	Pound	8.2397	4.0350						7,000				
British Malaya (includes Straits Settlements, Unfederated Malay States, British North Borneo and Sarawak).	Dollar	.9613	[20].4035				10,352	177,251	6,037		1.71	29.36	

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1940 (subject to revision)—Continued

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine: i. e., an ounce of fine gold = $35. Population (000 omitted)]

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1940, insofar as known	At average exchange rate during December 1940 [2]									
China	Yuan		0.0569					[19] 3,962,144	466,786			8.49
Hong Kong	Dollar		.2359					[7] 232,044	988			234.86
India, British	Rupee	0.6180	.3018	274,480		274,480	[12] 89,635	[27] 2,413,000	338,171	0.81	0.27	7.14
Indochina, French	Piaster	[28] [6]	.2080				4,750	280,403	23,030		.21	12.18
Iraq	Dinar		4.0350				[7] 2,112		3,561		.59	
Iran (Persia) [29]	Rial	.0824	[8].0585	25,615		25,615	21,004	1,067,238	12,000	2.13	1.75	88.94
Japan (includes Chosen, Taiwan, Kwantung, and Karafuto)	Yen	.8440	.2344	[4] 163,570		163,570		4,787,410	101,353	1.61		47.23
Netherlands East Indies	Guilder		[21].5338	[4] 139,659		139,659	[7] 49,192	197,281	64,450	2.17	.76	3.06
Palestine	Pound	8.2397	4.0350				[7] 5,541		1,402		3.95	
Philippine Islands	Peso	.5000		807		807	18,897	135,266	13,099	.06	1.44	10.33
Syria	Pound	[6]	[21].4983						3,600			
Thailand (Siam)	Baht or tical	.7491	.3699	[1] 72,653		72,653			14,464	5.02		
Turkey	Piaster	.0744	[8].7500	81,957		81,957			16,201	5.05		
Africa:												
Algeria and Tunis	Franc	[6]	[21].0201	[7] 14,100		14,100			9,843	1.43		
Belgian Congo	do	.0339	[25].0335	5,800		5,800		473,317	10,354	.56		45.71
British East Africa (Kenya, Tanganyika, Uganda, and Zanzibar).	Shilling	.4120	.2017				[7] 15,033		12,468		1.21	
British West Africa (Gambia, Gold Coast, Nigeria, Sierra Leone).	Pound	8.2397	4.0350				4.194		25,183		.27	
Egypt	do	8.3692	4.1380	52,000		52,000	21,508	37,360	16,776	3.10	1.28	2.23
French West Africa	French franc	[6]	.0201						14,702			
Liberia	Dollar	.8042			[7] 39	39	[7] 803		2,000	.02	.40	
Madagascar	do		.0201						3,798			
Morocco [7]	do	[6]	.0201	4,134		4,134	2,752	1,072,349	6,296	.66	.44	170.32
Nyasaland	do	8.2397	4.0350		7	7	2,512	47	1,677		1.50	
Portuguese East Africa	Escudo	.0749	.0399	[30] 162	884	1,046		[31] 164,025	4,006			
Rhodesia: Southern	Pound	8.2397	4.0350		[7] 2,180	2,180	[12] 382	[32] 1,262	1,289	1.69	.30	.98
Somaliland, British [7]	Rupee	.6180	.3018				330	1,000	350		.94	2.86
Southwest Africa [7]	Pound		4.0350	16		16	107	416	365	.04	.29	1.14

Sudan, Anglo-Egyptian [7]	do		4.138	1	4	5	[33] 7,503	935	5,950		1.26	.16
Union of South Africa	do	8.2397	3.9800	352,713		352,713	[34] 629	23,700	9,797	36.00	.06	2.42
Oceania:												
Australia	do	8.2397	3.2280	16,683		16,683		18,119	6,867	2.43		2.64
Fiji Islands	do	8.2397						637	205			3.11
New Guinea	do	8.2397	3.2280						670			
New Zealand	do	8.2397	3.2275	23,087		23,087	2,370	22,667	1,602	14.41	1.48	14.15
Society Islands	Franc	(6)	.0227					37,571	40			939.27
Papua [7]	Pound	8.2397	3.2150				11	8	280		.04	.02
Total				28,920,885	165,772	29,086,657	4,372,745		2,036,863	14.28	2.15	

[1] Data used from other than official sources:
Brazil, Federal Reserve Bulletin, March, 1941.
Mexico, Federal Reserve Bulletin, March 1941.
Norway, Federal Reserve Bulletin, March 1941.
Thailand, League of Nations Monthly Bulletin, March 1940 (data as of July 1940).

[2] Exchange rates are official unless otherwise indicated.

[3] Includes any paper currency held outside the continental limits of the United States.

[4] Bases used for conversions of gold holdings to United States dollars:
Canada, holdings of Government Treasury converted at legal parity; holdings of Bank of Canada reported at $20.67 an ounce.
Ecuador, revaluation of June 4, 1940, at 0.0602 gram fine gold per sucre (United States equivalent, $0.06774).
Estonia, gold revalued in part on March 6, 1939, at 0.2802 gram fine gold per kroon (United States equivalent, $0.315302).
France, by decree of February 29, 1940, gold revalued on basis of 23.34 milligrams gold 0.900 fine per franc (United States equivalent, $0.023637).
Hungary, the assets and liabilities of the National Bank of Hungary, expressed in gold or foreign exchange, were revalued on the basis of the existing premium during January 1939. Gold is taken to account at a price of 5700 pengo per kilogram (United States equivalent, $0.1974).
Japan, gold revaluation effective Aug. 25, 1937, at 0.29 gram fine gold per yen (United States equivalent, $0.32633).
Latvia, revaluation of 1939 on the basis of 6,656 lats=1 kilo of gold (United States equivalent, $0.1989).
Netherlands, the gold holdings of the Central Bank of Netherlands were written up to 2,009 florin per kilogram fine on Mar. 16, 1940 (United States equivalent, $0.560162).
Netherlands Indies, Central Bank, the Javasche Bank, revalued its gold stock during 1940 on the basis of 2,121 florins per kilogram of fine gold—Conversion rate used, $0.53056.
Rumania, gold revalued on May 19, 1940, at 0.0043 gram fine gold per leu (United States equivalent, $0.0048949).
Switzerland, revalued May 31, 1940, at 0.2053 gram of fine gold per franc (United States equivalent, $0.23101).

[5] Net issues of silver coin.

[6] Colombia law of Nov. 19, 1938, established new gold content of peso at 0.507816 gram of fine gold (United States equivalent, $0.5714).
France, law of Oct. 1, 1936, provided for new gold content of franc to be fixed within limits of 43 and 49 milligrams of gold 0.900 fine. This law was superseded by decree of June 30, 1937; which stated that gold content of the franc shall be fixed ultimately by a decree adopted by the Council Ministers. Until issuance of such decree a stabilization fund shall regulate the relationship between the franc and foreign currencies.
Indo-China, French, monetary unit, the piaster, has a par value of 10 French francs.
Latvia, law of Sept. 28, 1936, pegged the lat to sterling at 2,522 lati to £100).
Mexico, decree of Aug. 28, 1936, left the monetary unit, the peso, to be later defined by law.
Switzerland, order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the Swiss franc at a value ranging between 190 and 215 milligrams of fine gold.
Syria, monetary unit, the Syrian pound, has a par value of 20 French francs.
Uruguay, monetary unit, the peso, established by monetary law of Jan. 12, 1938, at 0.585018 gram of pure gold (United States equivalent, $0.6583).

[7] Prior years figure.

[8] Exchange rate as of December 30, 1940.

[9] Includes coin.

[10] United States coin and currency also circulate.

[11] United States currency is circulating media.

[12] Silver in circulation not included.

[13] Includes 180,000 copper coins.

[14] Exclusive of Canadian bank notes which are the principal circulaing media.

[15] Includes Tobago.

[16] Gold and foreign exchange.

[17] Holdings end of March 1940.

[18] April 1940 (Source: League of Nations, Monthly Bulletin of Statistics).

[19] As of June 30, 1940.

[20] Includes population of Dobrudja Province annexed from Rumania in September 1940.

[21] Exchange rate for June 1940.

[22] Average exchange rate for first six months of 1940.

[23] Includes bullion.

[24] Dec. 26, 1940.

[25] As of Mar. 31, 1941.

[26] The Malayan (Straits Settlements) dollar is linked to sterling at the rate of one dollar for two shillings and four pence.

[27] Of which 126,585,000 is legal tender in Burma only.

[28] Indo-China, French, the monetary unit, the piaster, has a par value of 10 French francs.

[29] As of Sept. 9, 1940.

[30] Converted from British pounds.

[31] Includes 107,257 British sterling converted to escudos at 110 to the pound.

[32] Includes notes in circulation in Northern Rhodesia and Nyasaland.

[33] At the average exchange rate for 1939.

[34] Subsidiary coin only held by the South African Reserve Bank.

WORLD PRODUCTION OF GOLD AND SILVER

Country	Calendar year 1939						Calendar year 1940 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.39395 per ounce)	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.35085 per ounce)
North America:												
United States	143,717	4,620,602	$161,721,070	1,986,640	63,871,972	$25,162,363	151,256	4,862,979	$170,204,265	2,123,949	68,286,535	$23,958,331
Canada	158,478	5,095,176	178,331,160	719,015	23,116,861	9,106,887	165,195	5,311,145	185,890,075	741,313	23,833,763	8,362,072
Mexico	32,842	1,055,894	36,956,290	2,359,840	75,870,574	29,889,213	29,548	950,000	33,250,000	2,570,392	82,640,010	28,994,244
Newfoundland	632	20,313	710,955	44,200	1,421,060	559,827	421	[1] 13,551	474,285	46,471	1,494,077	524,193
Total	335,669	10,791,985	377,719,475	5,109,695	164,280,467	64,718,290	346,420	11,137,675	389,818,625	5,482,125	176,254,385	61,838,840
Central America and West Indies	5,474	[2] 176,000	6,160,000	143,868	[2] 4,625,450	1,822,196	8,936	[2] 287,296	10,055,360	143,076	[3] 4,600,000	1,613,910
South America:												
Argentina	381	12,249	428,715	122,221	[4] 3,929,501	1,548,027	381	[12] 12,249	428,715	100,843	[4] 3,242,200	1,137,526
Bolivia	[5] 639	20,544	719,040	225,232	7,241,376	2,852,740	[1] 366	11,767	411,845	[1] 175,000	5,626,380	1,974,015
Brazil	7,272	233,800	8,183,000	[6] 842	27,075	10,666	8,221	264,311	9,250,885	768	24,694	8,664
Chile	10,110	325,044	11,376,540	41,287	1,327,408	522,932	10,663	342,823	11,998,805	48,879	1,571,496	551,359
Colombia	17,151	551,417	19,299,595	7,546	242,609	95,576	19,655	631,927	22,117,445	8,097	260,310	91,330
Ecuador	2,655	[6] 85,360	2,987,600	3,214	103,331	40,707	2,644	85,000	2,975,000	3,266	[4] 105,000	36,839
Guiana:												
British	1,197	38,484	1,346,940				1,026	33,000	1,155,000			
Dutch (Surinam)	[6] 460	14,789	517,615				480	15,400	539,000			
French	[6] 1,170	37,616	1,316,560				1,244	40,000	1,400,000			
Peru	8,471	272,349	9,532,215	584,810	18,802,075	7,407,077	8,663	278,521	9,748,235	602,353	19,366,096	6,794,595
Uruguay	40	1,279	44,765				55	1,762	61,670			
Venezuela	4,560	146,607	5,131,245				4,566	146,800	5,138,000			
Total	54,106	1,739,538	60,883,830	985,152	31,673,375	12,477,725	57,964	1,863,560	65,224,600	939,206	30,196,176	10,594,328
Europe:												
Bulgaria	250	8,037	281,295				280	9,002	315,070			
Czechoslovakia	311	[4] 10,000	350,000	31,103	[4] 1,000,000	393,950	[8] 282	9,067	317,345	[8] 7,836	251,933	83,391
Finland	150	4,822	168,770	1,900	61,086	24,065						
France	2,644	[9] 85,000	2,975,000	17,573	[9] 565,000	222,582		[10]			[10]	
Germany	[10]			217,724	[9] 7,000,000	2,757,650		[10]			[10]	
Great Britain		6	210	2,203	70,818	27,899		[10]			[10]	
Greece				4,666	[4] 150,000	59,093		[10]			[10]	
Hungary	158	5,079	177,765	1,605	51,600	20,328		[10]			[10]	

Italy	[12] 156	5,016	175,560	27,371	880,000	346,676		[10]			[10]	
Norway				9,200	295,787	116,525		[10]			[10]	
Poland				1,866	[9] 60,000	23,637		[10]			[10]	175,497
Rumania	5,049	162,319	5,681,165	22,168	712,718	280,775	4,067	130,757	4,576,495	15,558	500,204	
Spain [11]	62	[12] 2,000	70,000	15,552	[9] [4] 500,000	196,975		[10]			[10]	
Sweden	6,221	200,000	7,000,000	34,925	1,122,865	442,353	6,158	197,995	6,929,825	23,200	745,894	261,697
Switzerland	45	[6] 1,447	50,645				45	[12] 1,447	50,645			
Union of Socialist Soviet Republics	155,517	[4] 5,000,000	175,000,000	217,724	[4] [9] 7,000,000	2,757,650	124,414	4,000,000	140,000,000	217,724	[12] 7,000,000	2,455,950
Yugoslavia	2,224	71,503	2,502,605	71,340	2,293,634	903,577		[10]			[10]	
Total	172,787	5,555,229	194,433,015	676,920	21,763,508	8,573,735	135,246	4,348,268	152,189,380	264,318	8,498,031	2,981,535
Asia:												
British India [13]	9,844	316,504	11,077,640	184,841	5,942,794	2,341,164	9,000	289,357	10,127,495	192,064	6,175,000	2,166,499
British Malay States: Federated and Un-Federated	1,280	41,165	1,440,775				1,135	36,500	1,277,500			
China [14]	8,242	[4] 265,000	9,275,000	4,665	[9] [4] 150,000	59,093	11,726	[7] 377,000	13,195,000	4,665	[12] 150,000	52,628
Chosen (Korea)	30,326	[4] 975,000	34,125,000	93,310	[9] [4] 3,000,000	1,181,850	31,881	1,025,000	35,875,000	93,310	[12] 3,000,000	1,052,550
Cyprus Island	510	[1] 16,393	573,755	6,221	[12] 200,018	78,797	510	[12] 16,393	573,755	6,221	[12] 200,018	70,176
Indochina	231	7,427	259,945	49	1,575	620	250	8,038	281,330	54	1,736	609
Japan	24,883	800,000	28,000,000	342,138	[5] 11,000,000	4,333,450	27,993	[5] 900,000	31,500,000	342,138	[5] 11,000,000	3,859,350
Netherland East Indies	2,534	81,454	2,850,890	[6] 19,223	618,026	243,471	2,798	89,942	3,147,970	46,847	1,506,166	528,438
Philippine Islands	32,367	1,040,626	36,421,910	41,993	1,350,099	531,872	35,462	1,140,126	39,904,410	40,410	1,299,199	455,824
Sarawak	537	17,261	604,135	22	700	276	386	12,410	434,350			
Thailand or Siam	395	12,711	444,885				396	12,717	445,095			
Turkey				17,885	575,000	226,521				17,885	[12] 575,000	201,739
Total	111,149	3,573,541	125,073,935	710,347	22,838,212	8,997,114	121,537	3,907,483	136,761,905	743,594	23,907,119	8,387,813
Oceania:												
Australia:												
New South Wales	2,712	87,189	3,051,615	297,304	9,558,550	3,765,591	2,794	89,839	3,144,365	283,353	[3] 9,110,000	3,196,244
Northern Territory	516	[6] 16,586	580,510				697	22,423	784,805			
Queensland	4,580	[6] 147,248	5,153,680	115,329	3,707,908	1,460,730	4,790	154,011	5,390,385	107,338	[3] 3,451,000	1,210,783
South Australia	122	[6] 3,930	137,550	17	[6] 541	213	102	3,270	114,450	86	[3] 2,750	965
Tasmania	622	[6] 19,984	699,440	39,754	[6] 1,278,116	503,514	665	21,390	748,650	38,631	[3] 1,242,000	435,756
Victoria	4,868	[6] 156,522	5,478,270	195	[6] 6,285	2,476	5,056	162,567	5,689,845	202	[3] 6,500	2,281
West Australia	37,767	1,214,237	42,498,295	8,940	[6] 287,439	113,237	37,060	1,191,500	41,702,500	8,553	[3] 275,000	96,484
Fiji	3,421	110,000	3,850,000	385	[12] 12,378	4,876	3,463	111,338	3,896,830	716	23,020	8,077
New Guinea (Australian)	7,658	246,214	8,617,490	5,444	175,015	68,947	7,800	250,776	8,777,160	6,193	199,084	69,849
Papua	1,146	[1] 36,838	1,289,330				1,089	35,000	1,225,000			
New Zealand	5,566	178,955	6,263,425	12,141	390,342	153,775	5,775	185,665	6,498,275	12,917	415,330	145,719
Total	68,978	2,217,703	77,619,605	479,509	15,416,574	6,073,359	69,291	2,227,779	77,972,265	457,989	14,724,684	5,166,158
Africa:												
Algeria												
Bechuanaland	536	17,218	602,630	25	814	321	509	16,352	572,320	34	1,086	381
Belgian Congo	15,385	494,639	17,312,365	87,090	2,800,000	1,103,060	17,045	548,000	19,180,000	110,000	3,536,582	1,240,810

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1939						Calendar year 1940 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.39395 per ounce)	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.35085 per ounce)
Africa—Continued.												
British West Africa:												
Gold Coast	24,331	782,270	$27,379,450				27,400	880,930	$30,832,550			
Nigeria	796	25,592	895,720	3,110	[12] 100,000	$39,395	797	25,617	896,595			
Sierra Leone	1,047	33,655	1,177,925	40	[12] 1,271	501	1,016	32,676	1,143,660			
Cameroon	[12] 483	15,529	543,515									
Egypt	121	3,877	135,695				228	7,344	257,040			
Eritrea	1,000	32,151	1,125,285					[10]				
Ethiopia (Abyssinia)	500	16,075	562,625					[10]				
French Equatorial Africa	1,245	40,028	1,400,980					[10]				
French West Africa	4,043	130,000	4,550,000				4,199	[3] 135,000	4,725,000			
Kenya Colony	2,408	77,444	2,710,540	385	12,394	4,883	2,403	77,243	2,703,505	424	13,626	$4,781
Liberia	122	3,918	137,130				124	4,000	140,000			
Madagascar	435	14,000	490,000				435	[12] 14,000	490,000			
Morocco (French)	233	[12] 7,491	262,155	9,331	[4] 300,000	118,185						
Portuguese East Africa	344	11,063	387,205	[6] 72	2,319	914	356	[3] 11,432	400,120	59	1,901	667
Rhodesia:												
Northern	144	4,643	162,505	2,493	80,137	31,570	144	[12] 4,643	162,505	2,493	[12] 80,137	28,116
Southern	24,746	795,613	27,846,455	5,398	173,556	68,372	25,707	826,499	28,927,465	5,788	186,079	65,286
Southwest Africa	47	1,498	52,395	18,258	587,000	231,249	47	[12] 1,498	52,430	14,309	[4] 460,000	161,391
Sudan	234	7,510	262,846				205	6,606	231,210			
Swaziland	31	983	34,405				33	1,070	37,450			
Tanganyika	4,055	130,366	4,562,810	871	27,999	11,030	4,419	142,074	4,972,590	1,143	36,748	12,893
Transvaal, Cape Colony, and Natal	398,794	12,821,507	448,752,745	36,780	1,182,516	465,852	436,623	14,037,741	491,320,935	37,323	[3] 1,200,000	421,020
Tunis				1,866	60,000	23,637				[12] 1,866	60,000	21,051
Uganda	416	13,364	467,740	43	1,376	542	344	[6] 11,060	387,100	32	1,015	356
Total	481,496	15,480,434	541,815,190	165,762	5,329,382	2,099,511	522,034	16,783,785	587,432,475	173,470	5,577,174	1,956,752
Total for world	1,229,659	39,534,430	1,383,705,050	8,271,253	265,926,968	104,761,930	1,261,428	40,555,846	1,419,454,610	8,203,778	263,757,569	92,539,336

[1] Amount exported.
[2] Estimate based on imports of ore and bullion into the United States and Great Britain, and interrogatory data.
[3] Mint Bureau estimate.
[4] Data from Yearbook of the American Bureau of Metal Statistics.
[5] Estimate or partly estimated.
[6] U. S. Bureau of Mines.
[7] Estimate of the Ministry of Economic Affairs of the Chinese National Government.
[8] Production of Slovaks Metallurgical Works.
[9] Conjectural.
[10] Information not available.
[11] Including Portugal.
[12] Prior year's figure.
[13] Including Burma.
[14] Including Manchuria.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [2]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1939, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

Production of gold and silver in the world since the discovery of America—Continued

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Commercial value	Fine ounces	Commercial value	Gold	Silver	Gold	Silver
1901-1905	15,606,730	$322,619,800	78,033,650	$1,613,099,100	167,995,408	$95,942,178	839,977,042	$479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,503,000			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,966,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,022,180	455,239,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8
1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8
1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,556,347	466,284,303			210,013,423	126,969,915	9.7	90.3	78.6	21.4
1914			21,652,883	447,608,337			172,263,596	95,282,440	11.2	88.8	82.4	17.6
1915			22,846,608	472,283,884			173,000,507	88,337,519	11.7	88.3	84.2	15.8
1916			22,032,542	455,455,670			180,801,919	121,410,297	10.9	89.1	79.0	21.0
1917			20,346,043	420,592,147			186,125,017	156,345,014	9.9	90.1	72.9	27.1
1918			18,588,127	384,251,378			203,159,431	200,000,302	8.4	91.6	65.8	34.2
1919			17,339,679	358,443,791			179,849,940	201,588,402	8.8	91.2	64.0	36.0
1920			16,146,830	333,784,924			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,997,692	330,702,190			171,285,542	108,074,326	8.5	91.5	75.4	24.6
1922			15,496,859	320,349,102			209,815,448	158,207,142	6.9	93.1	66.9	33.1
1923			17,845,349	368,896,948			246,009,534	172,275,556	6.8	93.2	68.2	31.8
1924			18,619,481	384,899,578			239,484,703	178,310,730	7.2	92.8	68.3	31.7
1925			18,673,178	384,009,921			245,213,993	172,498,235	7.1	92.9	69.0	31.0
1926			19,117,568	395,198,984			253,795,166	159,568,635	7.0	93.0	71.2	28.8
1927			19,058,736	393,979,954			253,981,085	144,947,005	7.0	93.0	73.1	26.9
1928			18,885,849	390,386,574			257,925,154	151,213,780	6.8	93.2	72.1	27.9
1929			19,207,452	397,153,303			260,970,029	139,960,836	6.9	93.1	73.9	26.1
1930			20,903,736	432,118,638			248,708,426	96,309,849	7.8	92.2	81.8	18.2
1931			22,284,290	460,650,527			195,919,987	56,842,265	10.2	89.8	89.0	11.0
1932			24,098,676	498,163,970			164,892,802	46,506,363	12.8	87.2	91.5	8.5
1933			25,400,295	525,070,547			169,159,054	59,200,666	13.1	86.9	89.9	10.1
1934			27,372,374	958,033,090			190,398,156	91,929,942	12.6	87.4	91.2	8.8
1935			29,999,245	1,049,973,580			220,704,231	142,535,205	12.0	88.0	88.0	12.0
1936			32,930,554	1,152,569,390			253,695,856	115,175,382	11.5	88.5	90.9	9.1
1937			35,118,298	1,229,140,430			274,573,873	124,077,392	11.3	88.7	90.8	9.2
1938			37,703,334	1,319,616,690			267,765,434	116,577,034	12.3	87.7	91.9	8.1
1939			39,534,430	1,383,705,050			265,926,968	104,761,930	12.9	87.1	93.0	7.0
1940			40,555,846	1,419,454,610			263,757,569	92,539,336	13.3	86.7	93.9	6.1
Total			1,375,164,679	31,910,089,774			17,244,356,061	15,451,255,865	7.4	92.6	67.4	32.6

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ANNUAL REPORT OF
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1939

INCLUDING REPORT ON

THE PRODUCTION OF THE PRECIOUS METALS

DURING THE CALENDAR YEAR

1938

UNITED STATES
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Director of the Mint

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1939

REPORT OF THE DIRECTOR OF THE MINT ON THE
OPERATIONS OF THE MINT SERVICE
FOR THE FISCAL YEAR 1939

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 1, 1939.

SIR: In compliance with the provisions of section 253, title 31, U. S. Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1939, being the Sixty-seventh Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1938.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1939, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, merely bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year amounted to 255,566,260 pieces, as compared with 540,375,283 pieces during the preceding year. As in previous years, the coin most largely produced was the one-cent piece. The production in 1939, in amount $15,538,378, consisted of 70,511,806 subsidiary silver coins, $11,029,058; 66,469,400 nickel coins, $3,323,470; and 118,585,054 bronze coins, $1,185,850.

Coinage for foreign governments amounted to 48,187,200 pieces, compared with 18,392,444 pieces during the prior year. The foreign coinage consisted of silver, nickel, and bronze coins for Honduras, Nicaragua, Colombia, Cuba, and Venezuela, all made at Philadelphia.

The grand total of domestic and foreign coins made in 1939 amounted to 303,753,460 pieces, a decrease of 255,014,267 pieces from the prior year.

Bullion Deposit Transactions

The number of bullion deposit transactions during the year totaled 54,028, including 272 inter-mint-service transactions, as compared with 56,005 and 298, respectively, during the prior year. The deposit transactions required 91,506 assay determinations, which compares with 85,187 assay determinations during the prior year.

Gold Operations

Gold acquisitions by the mints and assay offices during the year amounted to $3,224,890,527.63; receipts from other Treasury offices of domestic and foreign coin melted during the year amounted to $924,646.88; and transfers between mint-service institutions amounted to $79,025,827.39. These transactions total $3,304,841,001.90, compared with $1,210,362,607.83 for the prior year.

The acquisitions include $210,734.73 of gold received at $20.67 per fine ounce. The increment on this gold amounted to $146,107.71.

Silver Operations

The Government's acquisitions of silver during the year totaled 416,391,965 fine ounces, at an average cost of 46.7 cents per fine ounce and a total cost of $194,551,774. The acquisitions consist of the following:

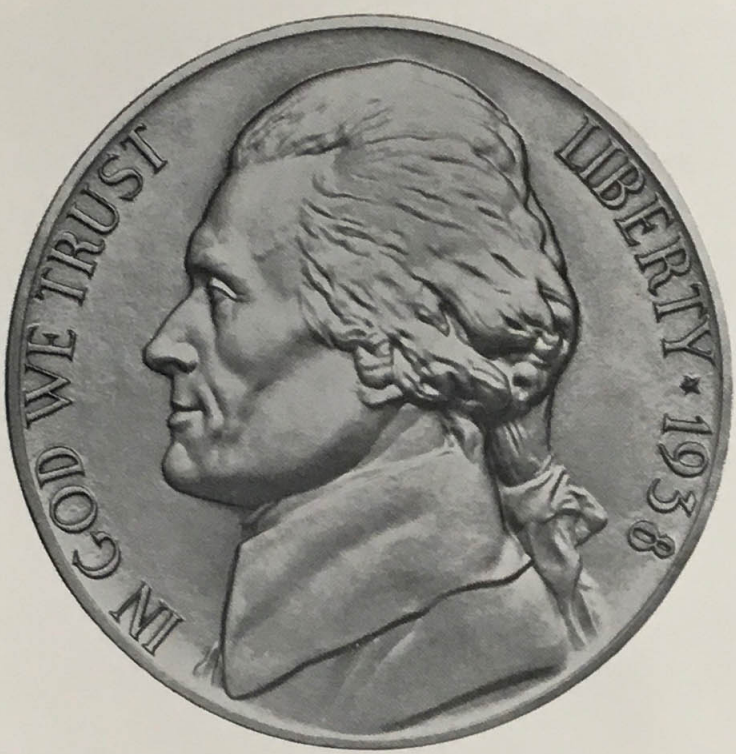
Item	Amount (fine ounces)	Cost
Newly mined domestic silver	63,150,404	$41,308,430
Purchase Act silver	352,718,452	153,023,320
Silver contained in gold bullion deposits, etc.	372,169	156,629
Silver received in exchange for Government stamped bars	150,940	63,395
Total	416,391,965	194,551,774

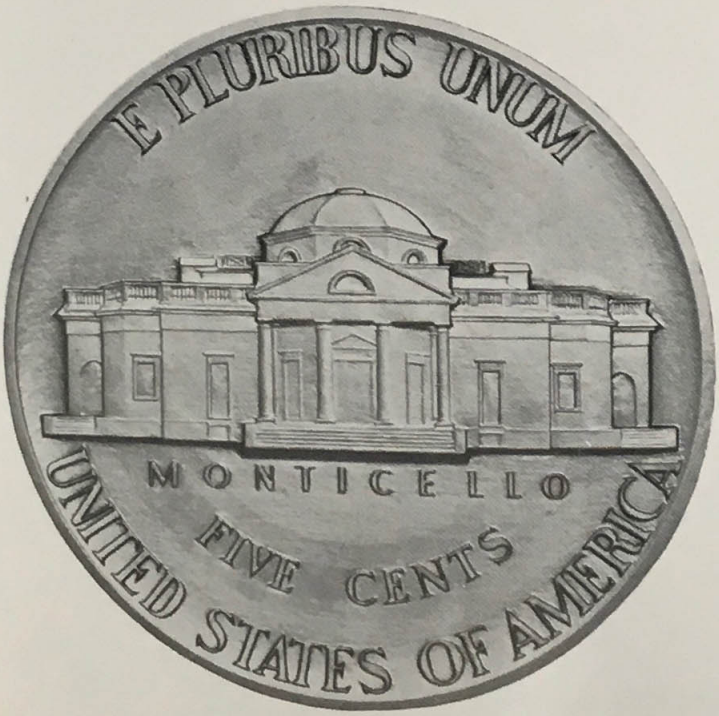
United States coin received for recoinage totaled 3,204,054 fine ounces, with a recoinage value of $4,429,313. Silver deposited by other governments, for foreign coinage, totaled 15,521,737 fine ounces. Silver transfers between mint-service institutions totaled 49,723 fine ounces. These items plus the silver acquired during the year brought the total transactions in silver to 435,167,479 fine ounces, compared with the prior year's total of 412,354,246.

During the year 1939, $193,422,222 of silver certificates were issued against 149,600,000 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 57.9— cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is $106,872,260, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1939 averaged $0.42996. The highest point was $0.43062, which prevailed from July 1, 1938 to June 26, 1939. The price declined during the last four days of June to $0.38062 on June 30, 1939.

For newly mined domestic silver a return to the depositor of $0.6464+ per fine ounce, established by the President's proclamation of December 1937, prevailed during the entire fiscal year.





THOMAS JEFFERSON COIN.

Refineries

The electrolytic refineries produced during the year 5,588,913 fine ounces (191.6 tons) of electrolytically refined gold bullion, and 3,459,089 fine ounces (118.6 tons) of silver bullion. During the prior year the quantities produced were 3,079,343 fine ounces (105.6 tons) of gold and 1,605,294 fine ounces (55.0 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions increased during the fiscal year 1939 by approximately 175 tons, to 1,764 tons. The increase in 1938 was about 274 tons.

New Design Coins

The new design Thomas Jefferson 5-cent nickel coin was issued during the fiscal year 1939, for replacing the Indian-head or Buffalo design coin. The obverse of the new coin carries a portrait likeness of Thomas Jefferson, while on the reverse appears a likeness of Monticello, his historic Virginia home. Though many millions of these coins have been issued and remain outstanding, they still are not a common medium of exchange in the daily experience of the general public. Illustrations of this coin, which was designed by Felix Schlag, face this page.

No commemorative coins, bearing special designs relating to historic events, were initially issued during the fiscal year 1939.

By the act of August 7, 1939, a Commemorative Coin Commission was established for considering proposals submitted to the Congress for issue of commemorative coins. If the Commission reports that the event to be commemorated is not of sufficient national importance, no further action is to be taken on the proposal. If the Commission reports favorably, the bill will take the usual course. The act repealed all prior acts authorizing the issue of commemorative coins.

Mint Buildings

The silver bullion depository at West Point, operated as an auxiliary of the New York assay office, was occupied in July 1938. The movement of silver bars from the Government buildings and rented quarters in New York City to the depository continued from early in July to the middle of February—approximately 7½ months. An average of 20 truck loads daily was moved, the total movement consisting of 1,101,320 refined silver bars containing 1,169,444,788 fine ounces of silver.

At the San Francisco Mint the newly constructed silver vaults were placed in use in February 1939. Movement of the silver bars from the old mint continued from February to June, a period of about 4 months. The movement consisted of 306,049 bars with fine silver content of 339,787,786 fine ounces of silver.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1939, the estimated stock of domestic coin in the United States was $1,088,037,109, of which $547,078,589 was standard silver dollars, $379,811,988 subsidiary silver coin, and $161,146,532 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $16,110,078,913, an increase of $3,147,-124,982; and the stock of silver bullion was 2,089,983,790 fine ounces, an increase of 411,451,384.

Production of Gold and Silver

Domestic gold production during the calendar year 1938 was 5,089,811 fine ounces with a monetary value of $178,143,400 compared with 4,804,540 fine ounces with a monetary value of $168,-158,900 in 1937. The quantity output was about 4 percent more than that for the previous year of largest production, 1915, when the total was 4,887,604 fine ounces.

Domestic silver production during the calendar year 1938 totaled 62,665,335 ounces. This compares with 71,941,794 ounces for 1937, and with the record production of 74,961,075 fine ounces for 1915.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1938 is estimated at $30,156,754. Gold returned from industrial use amounted to $30,480,835. These items give a net return from industry of $324,081. This compares with $3,214,393 net industrial consumption of new gold during the previous year.

Silver used in the arts is estimated at 38,620,473 fine ounces, of which 20,181,626 fine ounces were new material.

Compared with the prior year, there was a decrease in gold consumption of approximately 270,000 ounces, and a decrease in silver consumption in industry of about 12,700,000 ounces.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1939 totaled $1,561,920; the appropriation for meeting emergency expenses amounted to $750,000; the Deficiency Act of March 5, 1938 provided funds for silver movements (totaling $110,700, available during the two fiscal years 1938 and 1939) of which $17,360 were obligated in 1938, leaving $93,340 available for the fiscal year 1939; and reimbursements to appropriations for services rendered amounted to 329,211, making a total of $2,734,471.

Expenses amounted to $2,776,707, of which $2,718,068 was chargeable to appropriations and $58,639 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $12,809,959, of which $6,489,967 was seigniorage. The seigniorage on subsidiary silver coin was $3,569,708, and on minor coin $2,920,259. Extraordinary income aggregated $107,018,368, of which $106,872,260 was seigniorage on silver bullion revalued to $1.29+ per ounce, and $146,108 was the increment to $35 per ounce on revalued gold.

General Activities

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1939, and number of employees on June 30, 1939, at each institution, are shown in the following table:

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1939

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Employees, June 30, 1939
Philadelphia	7,728	12,674	$54,134,573	$4,789,976	$841,980	+$3,947,996	380
San Francisco	19,224	26,476	534,177,093	2,394,526	419,947	+1,974,579	178
Denver	5,223	9,828	119,819,608	1,240,053	373,578	+866,475	169
New York	15,371	34,817	3,112,955,477	4,302,103	877,672	+3,424,431	231
New Orleans	2,315	2,314	946,204	6,278	29,928	−23,650	14
Seattle	4,167	5,397	25,667,017	76,519	45,654	+30,865	18
Fort Knox					70,626	−70,626	39
Total	54,028	91,506	3,847,699,972	12,809,455	2,659,385	+10,150,070	1,029
Bureau of the Mint				504	117,321	−116,817	44
Grand total	54,028	91,506	3,847,699,972	12,809,959	2,776,706	+10,033,253	1,073
Prior fiscal year	56,005	85,187	1,742,895,444	18,676,153	2,720,123	+15,956,030	1,068

[1] Includes inter-institution transactions, $79,090,115.

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1939, follow:

Denomination	Philadelphia	San Francisco	Denver	Total value	Total pieces
Silver:					
Half dollars:					
Regular	$1,147,747.50		$647,100.00	$1,794,847.50	3,589,695
Arkansas centennial	1,052.00	$1,052.50	1,052.00	3,156.50	6,313
Daniel Boone bicentennial	2,502.50	2,503.00	2,502.50	7,508.00	15,016
Oregon Trail	1,502.00	1,502.50	1,502.00	4,506.50	9,013
Quarter dollars	3,032,437.00	708,000.00	476,000.00	4,216,437.00	16,865,748
Dimes	3,140,002.10	809,000.00	1,053,600.00	5,002,602.10	50,026,021
Total silver	7,325,243.10	1,522,058.00	2,181,756.50	11,029,057.60	70,511,806
Minor:					
5-cent nickel	2,849,420.00	205,250.00	268,800.00	3,323,470.00	66,469,400
1-cent bronze	830,350.54	117,900.00	237,600.00	1,185,850.54	118,585,054
Total minor	3,679,770.54	323,150.00	506,400.00	4,509,320.54	185,054,454
Total coinage	11,005,013.64	1,845,208.00	2,688,156.50	15,538,378.14	255,566,260
Prior year:					
Total coinage face amount	21,337,090.70	1,638,812.00	3,635,007.50	26,610,910.20	
Total coinage pieces	456,927,444	32,330,024	51,117,815		540,375,283

Coinage by the United States for Other Countries

The coinage for other countries during the fiscal year 1939, all by the mint at Philadelphia, totaled 48,187,200 pieces, as compared with 18,392,444 pieces during the prior fiscal year coined by the Philadelphia and San Francisco mints. Details follow:

Country	Pieces	Country	Pieces
Silver: Cuba	20,000,000	Bronze:	
		Honduras	4,000,000
Nickel:		Nicaragua	2,000,000
Colombia	11,787,200		
Cuba	2,000,000	Total bronze	6,000,000
Nicaragua	800,000		
Venezuela	7,600,000	Total coinage	48,187,200
Total nickel	22,187,200	Prior fiscal year, total coinage	18,392,444

Mint Issue of Fine Gold Bars for Industrial Use

(On value basis; see p. 48)

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1939, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1938:		1939:	
July	$19,443.47	March	$25,610.87
August	15,791.70	April	13,876.02
September	27,049.14	May	28,034.51
October	22,126.90	June	13,110.31
November	12,768.04		
December	23,166.31	Total	244,604.29
1939:			
January	27,925.51	Prior fiscal year	313,368.15
February	15,701.51		

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1939, and balances on hand June 30, 1939, as compared with June 30, 1938, are shown in the following table:

Institution	Balance on hand June 30, 1938	Receipts during fiscal year 1939 (details below)[1]	Total	Disbursements during fiscal year 1939 (details below)[1]	Balance on hand June 30, 1939
Philadelphia	$5,226,763.09	$5,219,919.56	$10,446,682.65	$131,911.68	$10,314,770.97
San Francisco	637,757,567.27	448,373,347.69	1,086,130,914.96	118,123,966.78	968,006,948.18
Denver	3,827,118,691.69	115,822,566.21	3,942,941,257.90	14,297.46	3,942,926,960.44
New York	2,966,298,666.48	3,819,699,371.75	6,785,998,038.23	1,123,351,612.33	5,662,646,425.90
New Orleans	172,062.78	936,109.68	1,108,172.46	950,036.26	158,136.20
Seattle	2,242,210.22	25,595,936.44	27,838,146.66	25,844,022.31	1,994,124.35
Fort Knox	5,523,706,735.45		5,523,706,735.45		5,523,706,735.45
Total	12,962,522,696.98	4,415,647,251.33	17,378,169,948.31	1,268,415,846.82	16,109,754,101.49

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Transfers from other Treasury offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$5,203,533.20	$13,989.28		$474.03	$1,923.05	$5,219,919.56
San Francisco	448,293,600.13	70,970.02	$7,193.55		1,583.99	448,373,347.69
Denver	36,790,944.70	13,547.85	79,016,543.28		1,530.38	115,822,566.21
New York	3,819,642,147.91	56,910.01			313.83	3,819,699,371.75
New Orleans	935,053.42	125.37	700.00		230.89	936,109.68
Seattle	25,592,423.01	3,337.21			176.22	25,595,936.44
Total	4,336,457,702.37	158,879.74	79,024,436.83	474.03	5,758.36	4,415,647,251.33

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depository	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$100,508.41		$31,403.27	$131,911.68
San Francisco	65,884,038.10	$52,220,734.71	19,193.97	118,123,966.78
Denver	14,256.34		41.12	14,297.46
New York	1,123,283,644.18	9,643.55	58,324.60	1,123,351,612.33
New Orleans		950,036.26		950,036.26
Seattle		25,844,022.31		25,844,022.31
Total	1,189,282,447.03	79,024,436.83	108,962.96	1,268,415,846.82

[1] Includes transfers.

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1939. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints unissued	Issued	Melted	Amount issued and outstanding June 30, 1939
Copper half cents [1]	$39,926.11		$39,926.11	$1.84	$39,924.27
Copper cents	1,562,887.44		1,562,887.44	383,580.95	1,179,306.49
Copper-nickel cents	2,007,720.00		2,007,720.00	809,106.95	1,198,613.05
Bronze cents	73,654,003.26	$878,546.34	72,775,456.92	1,803,576.71	70,971,880.21
Bronze 2 cents	912,020.00		912,020.00	344,050.16	567,969.84
Nickel 3 cents	941,349.48		941,349.48	287,926.02	653,423.46
Nickel 5 cents	100,475,567.70	996,630.00	99,478,937.70	11,179,415.65	88,299,522.05
Total	179,593,473.99	1,875,176.34	177,718,297.65	14,807,658.28	162,910,639.37

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Bullion (1.000 fine)

In order to maintain uniformity in assay of bullion in the offices of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office, while the Philadelphia Mint makes proof and inquartation silver. During the fiscal year 1938 other mints and assay offices were furnished 276 ounces of proof gold, 72 ounces of proof silver, and 5,272 ounces of inquartation silver.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1939

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1939, was 95.0 million fine ounces of gold and 90.6 million fine ounces of silver. There were also operated upon at the coinage mints 50.6 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	221,628	221,874	118,953	221	246		
Coining	727	752	490		25		
San Francisco Mint:							
Melting and refining	20,786,639	20,788,480	10,341,333	20,787	1,841		
Denver Mint:							
Melting and refining	12,966,800	12,967,141	1,892,511	12,967	341		
Coining		19			19		
New York Assay Office:							
Melting and refining	91,629,827	91,631,395	82,627,782	91,630	1,568		
Total melting and refining	125,604,894	125,608,890	94,980,579	125,605	3,996		
Total coining	727	771	490		44		
Grand total	125,605,621	125,609,661	94,981,069	125,605	4,040		

SILVER BULLION

Philadelphia Mint:							
Melting and refining	42,381,560	42,382,876	38,769,601	63,572	1,316		
Coining	37,197,511	37,198,210	37,113,832	37,198	699		
San Francisco Mint:							
Melting and refining	455,214,618	455,219,152	4,492,452	682,822	4,534		
Coining	2,231,313	2,230,992	1,865,147	2,231		321	0.1721
Denver Mint:							
Melting and refining	9,182,484	9,185,958	3,904,696	13,774	3,474		
Coining	2,866,082	2,866,047	2,564,423	2,866		35	0.0136
New York Assay Office:							
Melting and refining	5,817,550	5,818,173	1,899,749	8,726	623		
Total melting and refining	512,596,212	512,606,159	49,066,498	768,894	9,947		
Total coining	42,294,906	42,295,249	41,543,402	42,295	[1] 343		
Grand total	554,891,118	554,901,408	90,609,900		[1] 10,290		

NICKEL COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	8,234,138	8,200,247	5,073,112			33,891	6.6805
Coining	18,753,493	18,738,171	14,458,413			15,322	1.0597
San Francisco Mint:							
Melting and refining	1,740,442	1,737,807	1,128,083			2,635	2.3358
Coining	1,140,641	1,138,896	1,016,662			1,745	1.7164
Denver Mint:							
Melting and refining	1,571,243	1,568,940	946,753			2,303	2.4325
Coining	1,767,673	1,767,286	1,277,000			387	0.3031
Total melting and refining	11,545,823	11,506,994	7,147,948			38,829	5.4322
Total coining	21,661,807	21,644,353	16,752,075			17,454	1.0419
Grand total	33,207,630	33,151,347	23,900,023			56,283	2.3549

BRONZE COINAGE METAL

	Gross ounces	*Gross ounces*	*Gross ounces*			*Gross onnces*	*Gross ounces*
Philadelphia Mint:							
Melting and refining	6,417,344	6,384,372	5,253,540			32,972	6.2761
Coining	15,964,309	15,957,583	11,004,462			6,726	0.6112
San Francisco Mint:							
Melting and refining	7,983,020	7,976,221	2,052,189			6,799	3.3130
Coining	2,040,931	2,039,838	1,961,133			1,093	0.5573
Denver Mint:							
Melting and refining	4,304,871	4,299,725	2,886,534			5,146	1.7828
Coining	3,927,807	3,926,900	3,582,166			907	0.2532
Total melting and refining	18,705,235	18,660,318	10,192,263			44,917	4.4070
Total coining	21,933,047	21,924,321	16,547,761			8,726	0.5273
Grand total	40,638,282	40,584,639	26,740,024			53,643	2.0061

[1] Net.

which met at the Philadelphia Mint February 8, 1939, reported the following results of their examination of the 1938 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the superintendent of the mint at Philadelphia.

A liberal number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number designated on each envelope.

The committee on assaying has completed the assays on samples taken from different lots of coin representing all denominations coined during the year 1938 by the United States mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1938.

The result of the assays upon coins and mass melts made from coins is satisfactory, being well within the legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins selected were as follows:

	Highest	*Lowest*
Philadelphia Mint	901. 0	898. 4
Denver Mint	900. 0	899. 0
San Francisco Mint	900. 6	899. 0

Mass Melts:

Philadelphia Mint	899. 3
Denver Mint	899. 3
San Francisco Mint	899. 5

The committee on weighing reports that it received from the committee on assaying the residues of the several parcels of reserved coins, and took therefrom at random such a number of pieces of each of the denominations represented and so distributed by dates of coinage as seemed to be sufficient for the purpose of weighing. Accordingly, 40 pieces were selected for weighing. These coins have been severally weighed by the committee and their respective weights ascertained to an accuracy of 0.01 grain, and the results recorded. The weights of these coins are given in the appended table. It will be noted that every coin weighed was within the deviation allowed by law.

The coins were directly weighed against a set of sealed coin weights, supplemented by a set of grain weights, delivered to the commission from the Bureau of Standards, Washington, D. C., in sealed packages and accompanied by certificates signed by the Director of the Bureau. The weighings were made on a Wm. Ainsworth & Sons, Inc., type TA Spec. balance, an even arm analytical balance, which was tested for sensitiveness and equality of arms and found to be satisfactory for the purpose.

The maximum deviation from the standard of the heaviest and the lightest coins of each denomination from each mint is shown in the following table:

Item	Legal deviation allowed	Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
	Grains	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollar	1. 5	0. 22	0. 40	[1] 0. 43	[2] 0. 05	----------	0. 54
Quarter dollar	1. 5	0. 80	0. 69	0. 19	0. 40	----------	----------
Dime	1. 5	0. 65	0. 25	0. 50	0. 10	0. 20	----------

[1] Daniel Boone commemorative half dollar.
[2] Oregon Trail commemorative half dollar.

There was no coinage of regular half dollars at the mint of San Francisco, or coinage of quarter dollars at the mint of Denver in 1938.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1938, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1938

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1938

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1938 is estimated to have been 5,089,811 fine ounces, valued at $178,143,400, and the production of silver is estimated at 62,665,335 fine ounces, valued at $40,510,924. A comparison of these figures with those of 1937 indicates about 285,000 fine ounces increase in production of gold and approximately 9,276,000 ounces decrease in silver production.

In continental United States, the State of largest gold production, California, increased its output in 1938 more largely than any of the other States, its increase being about 148,000 fine ounces to a total of over 1,317,000 fine ounces. Washington and Oregon materially increased their output, the former by about 35,000 fine ounces and the latter by over 26,000 fine ounces. The increase in the Philippine Islands was larger than that of California, it amounting to 152,000 fine ounces, giving the year's total of over 844,000 fine ounces, which exceeded that of any State except California. Alaska's increase amounted to 31,000 fine ounces, and its total output for the year was nearly 660,000 fine ounces.

The 1938 silver product increased more largely in Colorado than in any other State of the Union—by over 1,500,000 fine ounces as compared with 1937. The larger reductions occurred in Montana, nearly 5,000,000 fine ounces; Utah, 2,400,000 fine ounces; Arizona, over 2,000,000 fine ounces; Idaho, over 1,100,000 fine ounces, and Nevada, over 600,000 fine ounces. Idaho continued as the State of largest silver output, its total being nearly 18,400,000 fine ounces, with Utah second in rank, nearly 10,300,000 fine ounces.

A brief review of mining conditions, for which acknowledgements are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau

of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The production of gold from ores and gravels of Alaska during 1938 was 664,973 fine ounces valued at $23,274,055, an increase of 6 percent over 1937, according to Chas. W. Henderson, of the United States Department of the Interior, Bureau of Mines. Since there are no smelters or refineries in Alaska, the bulk of the gold produced in 1938 was in the form of bullion and dust sent to United States mints and assay offices either directly or through banks or bullion buyers located in the larger mining centers of Alaska. The rest was contained in high-grade ore and concentrates sent to the Selby (Calif.) and Tacoma (Wash.) smelters. Some very small lots of bullion, dust, and high-grade ore and concentrates were sent to experimental plants and small capacity smelters located in the western part of the United States.

Floating connected-bucket dredges accounted for 42 percent of the total gold output from all sources in 1938, being 9 percent higher than the 1937 production from this type of operation. There were 44 dredges in operation in 1938, an increase of 3 over 1937. The gravel handled by these dredges averaged 49 cents in value of recoverable gold per cubic yard washed. The United States Smelting, Refining, and Mining Co., operating 6 dredges in the Fairbanks (part of Tanana) district and 3 dredges in the Nome district using auxiliary hydraulic and drift mining methods, was by far the largest producer from this type of operation. Other producers of a notable quantity of gold from floating connected-bucket dredges were: The Arctic Circle Exploration, Inc., in the Fairhaven district; Alluvial Gold, Inc., C. J. Berry Dredging Co., and Gold Placers, Inc., in the Circle district; and the New York Alaska Gold Dredging Corporation in the Tuluksak-Aniak district.

The increased use of mechanical equipment, such as draglines, slack-line scrapers, caterpillar-bulldozers, and hydraulic with auxiliary washing plants caused the gold produced from all types of placer mines, excluding floating connected-bucket dredges, to show the largest percentage increase (10 percent over 1937), but a net increase smaller than that of the dredges. The Yukon Basin, Seward Peninsula, Kuskokwim, and Cook Inlet regions were the largest contributors from this type of operation.

Gold produced from lode mines decreased slightly (less than one-half of 1 percent) in 1938 over 1937. Nine additional lode mines were in operation, but their added output was insufficient to offset the decline in production from the two largest lode mines in Alaska in 1938. Over 63 percent of the total lode gold produced was contained in the bullion and high-grade concentrates produced by the Alaska Juneau Gold Mining Co. properties in the Juneau district, southeastern Alaska region. The Alaska Juneau Gold Mining Co. mined 4,663,880 tons of rock, of which 2,184,952 tons were rejected as "coarse-tailings"; 2,478,928 tons were "fine milled," from which the gold recovery was 0.0515 ounces per ton in bullion and 0.0081 ounces per ton in galena concentrates. The gold content of rock from "mine to mill" was 0.0398 ounce per ton. Other important producers from this source were: Alaska-Pacific Consolidated Mining Co. and Willow Creek

Mines, Inc. (operated in the latter part of 1938 by the Conwest Exploration Co.), in the Cook Inlet region; the Nabesna Mining Corporation in the Copper River region, and Hirst-Chichagof Mining Co., in the southeastern Alaska region.

The output of silver, 479,853 fine ounces in 1938, a decrease of 14,487 fine ounces from 1937, was produced as a byproduct of gold and copper mining. Copper mines in the Copper River region, permanently abandoned late in 1938, produced over one-half of the total silver obtained from Alaska ores and gravels during 1938. The remainder was contained in the gold bullion, amalgam, and dust produced from placer and lode mines through the Territory.

ARIZONA

The output of gold, silver, copper, lead, and zinc from mines in Arizona in 1938 was valued at $58,358,401, compared with $90,855,462 in 1937, a decrease of $32,497,061, or 36 percent, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. General curtailment in the principal copper-producing districts of Arizona caused a decrease in the output of copper ore from 19,928,824 tons in 1937 to 13,047,356 tons in 1938, which resulted in similar decreases in the output of gold, silver, and copper. The output of lead ore and zinc-lead ore also decreased in 1938 but the output of siliceous ores increased from 804,949 tons in 1937 to 928,707 tons in 1938.

The output of recoverable gold from lode mines and placers in Arizona in 1938 was 305,043 ounces valued at $10,676,505, compared with 332,694 ounces valued at $11,644,290 in 1937. Gold recovered from copper ore decreased from 176,918 ounces in 1937 to 133,409 ounces in 1938, but gold from dry and siliceous ores increased from 131,927 ounces in 1937 to 150,371 ounces in 1938. Lode mines produced 300,058 ounces of gold in 1938 and placers 4,985 ounces. Dry and siliceous ores yielded 49 percent of the total gold in 1938, copper ore 44 percent, and zinc-lead ore 5 percent; the remaining 2 percent came from other base ores and from placers. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 431,740 tons in 1937 to 616,544 tons in 1938 and the output of gold (in bullion and concentrates) increased from 84,154 ounces to 103,635 ounces. Ore treated by straight concentration decreased from 18,203,790 tons in 1937 to 10,546,807 tons in 1938 and the gold in the concentrates produced decreased from 89,758 ounces to 78,522 ounces. Crude ore shipped to smelters decreased from 2,340,829 tons in 1937 to 1,659,601 tons in 1938 and gold therefrom decreased from 154,359 ounces to 117,901 ounces. The Phelps Dodge Corporation was by far the largest gold producer in Arizona; the company operated its copper mines at Bisbee, Ajo, and Jerome at a reduced rate in 1938 but the output of gold in copper ore and concentrates shipped to smelters represented 39 percent of the State total. Most of the remainder of the gold from copper ore came from the Magma mine at Superior and the Denn mine at Bisbee. Large producers of gold from dry and siliceous ores (treated chiefly by cyanidation) included the Gold Road, Tom Reed, Big Jim, Gold Standard, Pilgrim, and Pioneer mines in Mohave County, the Mammoth-St. Anthony property in Pinal County, and the Octave, Hillside, and Alvarado mines

in Yavapai County. Most of the gold from zinc-lead ore came from the Tennessee property in Mohave County and the Ruby (Montana) mine in Santa Cruz County.

The output of recoverable silver in Arizona in 1938 was 7,479,153 ounces valued at $4,835,008, compared with 9,422,552 ounces valued at $7,288,344 in 1937. Most of the decrease was due to curtailment in the output of copper ore although silver from lead ore and zinc-lead ore also decreased. Copper ore yielded 61 percent of the total silver in 1938. The Phelps Dodge Corporation was, as usual, the chief silver producer in Arizona and in 1938 its three properties (Copper Queen, New Cornelia, and United Verde) produced 51 percent of the State total. Other large silver producers in 1938 included the Ruby (Montana) group of the Eagle-Picher Mining & Smelting Co. in Santa Cruz County, the Ash Peak property of Veta Mines, Inc., in Greenlee County, and the Magma Copper Co. at Superior, Pinal County.

CALIFORNIA

California gold output in 1938 again exceeded that in the Philippine Islands, Alaska, or South Dakota, the other leading producers, according to Charles White Merrill of the United States Bureau of Mines. The quantity of gold produced in 1938 was greater than that for any year since 1862 and its value was greater than that for any year since 1856. Although the data for gold production in California before 1901 do not segregate placer and lode gold, it appears certain that the output of lode gold was greater in 1938 both in quantity and value than in any preceding year in the history of the State. Placer gold production during 1938 is known to have exceeded any year since 1900, and it appears to have exceeded that for any year since unrestricted hydraulic mining flourished over 50 years ago.

The output of gold from California ores, gravels, and re-treated tailings in 1938 was 1,311,129 fine ounces valued at $45,889,515 compared with a production of 1,174,578 ounces valued at $41,110,230 in 1937; the increase in both quantity and value was 12 percent. This represented an accelerating rate of increase as the gain of 1937 over 1936 had been only 9 percent. In 1938 lode mines produced 738,616 ounces of gold valued at $25,851,560, and placer mines produced 572,513 ounces of gold valued at $20,037,955. Lode mines accounted for 56 percent and placer mines 44 percent of the total in 1938 compared with a division of 60 and 40 percent, respectively, in 1937. The production of lode gold increased only 5 percent in 1938 compared with 1937, whereas production of placer gold increased 21 percent. Of the gold derived from lode operations, 95 percent was recovered from dry gold ore; most of the remaining 5 percent was derived from dry gold-silver ore. The importance of free-milling gold ore in California is brought out by the fact that 46 percent of the lode gold was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates accounted for 31 percent; smelting of concentrates 22 percent; and smelting of ore 1 percent. These metallurgical data when compared with those for 1937 show a decline in the importance of amalgamation and an increase in the application of cyanidation.

Dredging was the leading method of working placer deposits, both in point of yardage of gravel treated and quantity of placer gold recov-

ered. Floating dredges of the connected-bucket type handled 117,080,000 cubic yards of gravel and recovered 375,296 ounces of gold valued at $13,135,360 or 66 percent of the placer gold produced in the State in 1938. Dragline dredges (those having floating washing plants, to which gravel is delivered by a dragline type of power excavator) handled 24,560,000 yards of gravel which yielded 118,108 ounces of gold valued at $4,133,780. Nonfloating washing plants to which gravel was delivered by mechanical means treated 3,538,000 yards of gravel and recovered 23,046 ounces of gold valued at $806,610. Hydraulic mines accounted for the production of 7,061 ounces of gold valued at $247,135, derived from 1,719,000 yards of gravel; 97,000 yards of gravel from drift mines were treated with a recovery of 7,144 ounces of gold valued at $250,040. Small-scale hand methods, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, were used in the production of 41,858 ounces of gold valued at $1,465,030. Increases in 1938 over 1937 were recorded by all methods except drift mining and small-scale dry hand mining.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county of the State; 25 percent of the State's gold and 41 percent of the State's lode gold was mined there during 1938. The output of dredges, both connected-bucket and dragline, was largely responsible for the importance of Sacramento, Yuba, Merced, Butte, Placer, Trinity, and Siskiyou Counties. Amador, Calaveras, Eldorado, Mariposa, and Tuolumne Counties on the Mother Lode were important gold producers. In addition, large outputs were recorded for Kern, Shasta, and Sierra Counties.

The principal gold-producing companies working California mines in 1938, arranged in order of importance as producers, included the Empire Star Mines Co., Ltd., Nevada County (gold ore), Idaho Maryland Mines Corporation, Nevada County (gold ore), Natomas Co., Sacramento County (dredge), Yuba Consolidated Gold Fields, Yuba County (dredge), Capital Dredging Co., Sacramento County (dredge), Lava Cap Gold Mining Corporation, Nevada County (gold ore), Central Eureka Mining Co., Amador County (gold ore), Carson Hill Gold Mining Corporation, Calaveras County (gold ore), Golden Queen Mining Co., Kern County (gold ore), Yuba Consolidated Gold Fields, Merced County (dredge), and Cactus Mines Co., Kern County (gold-silver ore).

The output of silver from California ores, gravels, and re-treated tailings in 1938 was 2,590,804 fine ounces valued at $1,674,863 compared with the production of 2,888,265 ounces valued at $2,234,073 in 1937; the decreases in quantity and value were 10 and 25 percent, respectively. Of the lode silver, 52 percent was derived from dry gold-silver ore; 39 percent from dry gold ore; 7 percent from dry silver ore; and the remaining 2 percent from base-metal ores. A small quantity of silver was recovered as a byproduct of gold dredging. One-half of the lode silver was recovered by flotation followed by smelting of concentrates; 35 percent was recovered by cyanidation of ore, old tailings, sands, slimes, and concentrates; 11 percent by direct smelting; 3 percent by amalgamation of ore and old tailings; and 1 percent by gravity concentration followed by smelting of concentrates.

The principal silver-producing companies working California mines in 1938, arranged in order of importance as producers, were the Cactus Mines Co., Kern County (gold-silver ore), Lava Cap Gold Mining Corporation, Nevada County (gold ore), Lodestar Mining Co., Kern County (gold-silver ore), Frank Royer, San Bernardino County (gold-silver ore), and Golden Queen Mining Co., Kern County (gold ore).

CENTRAL STATES

None of the mines in the Central States reported any production of gold in 1938.

The output of silver from mines in the Central States increased from 206,041 ounces in 1937 to 386,210 ounces in 1938. All of the Michigan output in 1938 (93,634 ounces) was derived from copper ore. The entire output of silver from Missouri in 1938 (292,000 ounces) was from the refining of lead bullion and the treatment of skinnings; no copper ore was treated. Silver recovered from galena concentrates shipped from southern Illinois fluorspar mines in 1938 was 576 ounces compared with 887 ounces in 1937.

COLORADO

The total mine output of gold from lode and placer mines in Colorado in 1938, in terms of recovered metal, was 367,468 ounces, compared with 368,905 ounces in 1937 and 366,607 ounces in 1936, a variation of less than 1 percent annually during the 3 years, according to Chas. W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The gold produced in 1938 was valued at $12,861,380. The only other minerals produced in the State during the year that exceeded gold in total value of the output were molybdenum and coal. The principal gold-producing districts, in order, were the Cripple Creek district, Teller County, which yielded 40 percent of the State total; Mosquito, Park County, 9 percent; Animas, San Juan County, 6 percent; Summitville, Rio Grande County, 5 percent; Empire, Clear Creek County, 5 percent; Redcliff, Eagle County, 5 percent; Upper San Miguel, San Miguel County, 4 percent; Gold Hill, Boulder County, 3 percent; Sneffels, Ouray County, 3 percent; and Leadville, Lake County, 3 percent. Substantial gains over 1937 were made in gold production in San Miguel, Eagle, Rio Grande, Ouray, Boulder, and San Juan Counties. The largest decreases from 1937 occurred in Park, Lake, Summit, La Plata, and Gilpin Counties.

Colorado mines yielded 7,932,095 ounces of recoverable silver in 1938, compared with 6,260,693 ounces in 1937. Eagle County produced 67 percent of the total output in 1938; San Juan County, 8 percent; San Miguel County, 6 percent; Mineral County, 6 percent; Ouray County, 3 percent; and Pitkin County, 2 percent; and 27 other counties together produced 8 percent. Increases over 1937 of more than 100,000 ounces of silver occurred in Eagle, Mineral, San Juan, and San Miguel Counties; and decreases from 1937 of more than 50,000 ounces occurred in Lake and Dolores Counties.

The number of lode mines in Colorado producing gold and silver in 1938 was 669, and placer mines 592. Thirty-five of the larger lode mining operations employing a total of approximately 3,384 men,

produced 74 percent of total State gold and 85 percent of the silver. The total ore sold or treated during the year was 1,996,095 tons, of which 1,528,658 tons were classed as dry and siliceous (gold, gold-silver, and silver) ores and yielded 87 percent of the total gold and 26 percent of the silver. Copper ore yielded 5 percent of the gold and 68 percent of the silver. Lead, lead-copper, zinc, and zinc-lead ores combined yielded 3 percent of the gold and 6 percent of the silver (the latter including a small quantity from placer mines). Placer mines produced 5 percent of the total State gold. Approximately 1,841,965 cubic yards of gravel were handled by 2 floating connected-bucket dredges and 25 dry-land and dragline floating dredges; specific data on yardage handled at small-scale placer operations are not obtainable because of lack of knowledge by the operators of the quantity of gravel sluiced. The total production of gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Chas. W. Henderson, from 1858 to 1938, inclusive, has been: Gold, 37,182,538 ounces; silver, 692,441,670 ounces.

EASTERN AND APPALACHIAN STATES

The mine production of gold in the Eastern and Appalachian States increased from 10,681 fine ounces in 1937 to 19,928 ounces in 1938. The increase was mainly due to mines in South Carolina though there were other increases in Georgia, North Carolina, Pennsylvania, and Virginia. Four gold lode mines, two in South Carolina and one each in North Carolina and Virginia produced more than 77 percent of the gold recovered in the Eastern States in 1938. There was a sharp decrease in the number of placer mines operated in 1938, but the number of lode gold mines operated increased about one-third.

In 1938 Alabama mines produced only 41 ounces of gold (in 1937 2,460 ounces), Georgia 872 ounces, Maryland 855 ounces, North Carolina 1,878 ounces, Pennsylvania 1,422 ounces, South Carolina 11,681 ounces, Tennessee 236 ounces, and Virginia 2,943 ounces. About 26 placer mines in Alabama, Georgia, North Carolina, South Carolina, and Virginia produced 667 ounces of gold in 1938 compared with 632 ounces in 1937. Placer mines in Georgia yielded 578 ounces. The estimated output of gold in the Southern Appalachian States from 1790 to 1938, inclusive, is recorded as 2,532,776 ounces.

Lead-zinc ore yielded 23 ounces of gold, copper ore and copper concentrates from magnetite ore in Tennessee, North Carolina, and Pennsylvania 1,797 ounces which was 76 ounces more than in 1937.

In 1938, 88,671 tons of siliceous ore from mines in Alabama, Georgia, Maryland, North Carolina, South Carolina, and Virginia were treated yielding 17,441 ounces of gold. Ore treated at gold and silver mills aggregated 87,615 tons yielding 13,894 ounces of gold and gold concentrates shipped to smelters (542 tons) 2,497 ounces. Only 1,056 tons of siliceous ore were shipped crude to smelters; this ore yielded 1,050 ounces of gold. Ore amalgamated (11,621 tons) yielded in bullion 1,633 ounces and ore cyanided (75,994 tons) yielded 12,261 ounces.

The larger producers of gold from siliceous ore were the Haile and Terry mines in South Carolina, the Maryland mine near Bethesda, Md., the Vaucluse mine in Orange County, Va., and the Capps mine near Charlotte, N. C.

The mine output of silver was 94,945 ounces in 1938 against 106,873 ounces in 1937.

Of the 1938 output, copper ore from Tennessee yielded 38,333 ounces, copper ore from North Carolina 4,907 ounces, copper concentrate from Pennsylvania 9,360 ounces, and lead concentrates from zinc-lead ores from New York, Tennessee, and North Carolina 38,263 ounces. Siliceous ores (mainly from North Carolina and South Carolina) yielded 4,813 ounces. Only 39 ounces of silver were derived from placer bullion.

IDAHO

The output of gold, silver, copper, lead, and zinc from mines in Idaho in 1938 was valued at $29,028,103, compared with $37,840,184 in 1937, a decrease of $8,812,081, or 23 percent, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. Curtailment in the output of lead ore and zinc-lead ore at the large mines in the Coeur d'Alene region, the principal producing area in Idaho, caused a marked decrease in the output of lead and zinc; silver and copper decreased slightly but the output of gold increased greatly.

The output of recoverable gold increased from 81,861 ounces valued at $2,865,135 in 1937 to 103,513 ounces valued at $3,622,955 in 1938, a gain of 26 percent; the gold output in 1938 was the largest recorded since 1896 when 112,409 ounces were produced. Gold from lode mines increased 20 percent to 49,434 ounces and that from placers increased 33 percent to 54,079 ounces. Most of the gold from placer mines came from nine connected-bucket dredges operating in Boise, Camas, Idaho, and Owyhee Counties; these dredges treated 6,693,700 cubic yards of gravel in 1938 and recovered 31,234 ounces of gold. Nineteen dragline or power-shovel excavators with either dry-land or floating washing plants operating in 8 counties (chiefly Idaho, Gem, Owyhee, and Boise) treated 2,713,000 cubic yards of gravel in 1938 and recovered 17,448 ounces of gold, an increase of 10,589 ounces over that in 1937. Small-scale placer operations (including drift mining) yielded 5,397 ounces of gold, about the same as in 1937. The largest placer producers in Idaho in 1938 were Fisher-Baumhoff Co. in Boise County, Moores Creek Dredging Co., Warren Dredging Co., and Newsome Creek Placers (all in Idaho County), Jordan Creek Placers in Owyhee County, and Ralph Divis, Inc., in Gem County.

Nearly 88 percent of the total gold from lode mines came from dry and siliceous ores and nearly all of the remainder came from zinc-lead ore. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 145,056 tons in 1937 to 186,163 tons in 1938; the 1938 tonnage yielded 19,703 ounces of gold (in bullion and concentrates) and came chiefly from Idaho, Elmore, Lemhi, and Boise Counties. Ore treated at straight concentration plants yielded 22,641 ounces of gold in the concentrates, and crude ore shipped direct to smelters yielded 7,090 ounces. The Golden Anchor mine at Burgdorf, the Triumph mine near Hailey, the Yellow Pine property at Stibnite, the Mayflower mine at Placerville, and the Boise-Rochester property at Atlanta were the chief producers of gold from lode operations in Idaho in 1938.

The output of recoverable silver in Idaho decreased from 19,587,766 ounces in 1937 to 18,993,676 ounces in 1938, a drop of only 3 percent

in quantity from the record output in 1937, but the value of the silver output decreased from $15,151,137 to $12,278,740, or 19 percent, as the average sales price of silver declined from $0.7735 per ounce in 1937 to $0.646+ per ounce in 1938. Idaho retained its position as the largest silver-producing area in the United States. Dry and siliceous silver ore yielded 72 percent of the total silver produced in Idaho in 1938, zinc-lead ore 19 percent, and lead ore 8 percent. The output of silver from silver ore and lead ore decreased in 1938 but silver from zinc-lead ore increased, due chiefly to the marked increase in output from the Triumph mine in Blaine County. The Sunshine mine near Kellogg, Shoshone County, retained its position as the largest producer of silver in the United States although its output decreased slightly from 12,152,000 ounces in 1937 to 11,352,154 ounces in 1938. Eight mines—the Sunshine, Polaris, Bunker Hill, Hecla, Triumph, Morning, Crescent, and Page—produced 94 percent of the silver output of the State in 1938. All these mines, except the Triumph, are in the Coeur d'Alene region, Shoshone County.

MONTANA

The output of gold, silver, copper, lead, and zinc from mines in Montana in 1938 was valued at $28,096,746, compared with $58,402,016 in 1937, a decrease of $30,305,270, or 52 percent, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. Marked decreases were recorded in the output of silver, copper, lead, and zinc in 1938, due to curtailment in the output of base ores at mines in Silver Bow, Granite, Jefferson, and Sanders Counties, but the output of gold increased slightly because of regular operations at cyanidation mills in several counties.

The output of recoverable gold increased slightly from 202,252 ounces valued at $7,078,820 in 1937 to 203,313 ounces valued at $7,115,955 in 1938. Gold from lode mines increased 2,110 ounces to 167,965 ounces in 1938 but gold from placers decreased 1,049 ounces to 35,348 ounces. Dry and siliceous gold ore increased from 644,596 tons in 1937 to 756,223 tons in 1938 and yielded 75 percent of the total gold produced in Montana in 1938. The 1938 output of gold ore comprised 433,233 tons treated at cyanidation plants (310,979 tons in 1937), 77,478 tons treated at amalgamation plants, 190,709 tons treated at concentration plants, and 54,803 tons shipped direct to smelters. The ore treated at amalgamation and cyanidation mills (510,711 tons) yielded 76,890 ounces of gold (in bullion and concentrates), or 38 percent of the State total. Ore treated at straight concentration plants comprised 190,709 tons of gold ore, 109,546 tons of silver ore, 1,561,804 tons of copper ore, and 114,769 tons of zinc-lead ore; concentrates produced from this ore yielded 32,061 ounces of gold, or 16 percent of the State total. Crude ore shipped direct to smelters (160,118 tons) yielded 59,014 ounces of gold, or 29 percent of the total. The West Mayflower mine (operated by the Anaconda Copper Mining Co.) in Madison County was the largest gold producer in Montana in 1938; the entire output at the mine was crude ore shipped for smelting. Other large lode gold producers in 1938 were the Ruby Gulch mine in Phillips County, the Butte Highlands mine in Silver Bow County, and the Golden Messenger mine in Lewis

and Clark County; cyanidation plants were in operation at these three properties.

Several new placer operations were started in Montana in 1938, including the new Yuba dredges of Winston Bros. on Prickly Pear Creek and Perry-Schroeder Mining Co. on Hauser Lake and the dragline and washer plants of Ralph E. Davis Syndicate on Grasshopper Creek, Kit Carson Placers on Lowland Creek, and Norman Rogers Mining Co. on Elk Creek; but gains from these plants were more than offset by losses due to suspension of operations on Clancey Creek by the Humphreys Gold Corporation. The Porter dredge at Helena and the Pioneer dredge near Gold Creek were again the largest placer producers in Montana.

The output of silver in Montana in 1938 was 6,403,962 ounces valued at $4,139,935, compared with 11,812,093 ounces valued at $9,136,654 in 1937, a decrease of 46 percent in quantity and 55 percent in value. Silver from Silver Bow County decreased 4,053,327 ounces in 1938 due to the closing of the zinc mines and curtailment in the output of copper mines of the Anaconda Copper Mining Co. at Butte. Silver from Granite County decreased 1,013,138 ounces in 1938 due to the closing of several mines near Philipsburg. Copper ore yielded 60 percent of the State total silver in 1938, silver ore 23 percent, zinc-lead ore 7 percent, and gold ore 6 percent. Nearly 74 percent of the total silver came from ore concentrated and 24 percent came from crude ore shipped for smelting. The output of silver ore decreased from 246,325 tons in 1937 to 150,930 tons in 1938. The Anaconda Copper Mining Co. was, as usual, the largest silver producer in Montana; in addition to the copper and zinc mines at Butte the company produced considerable silver from the Flathead mine near Kalispell. Other large producers of silver in 1938 included the Comet mine near Basin, the Trout, Granite, Bimetallic, Two Percent, and Silver Prince mines near Philipsburg (Granite County), and the, Big Seven and Florence mines near Neihart, Cascade County.

NEVADA

In 1938 Nevada gold production increased slightly over 1937 and in value was larger than that for any year since 1915, but silver output declined both in quantity and value, according to Charles White Merrill of the United States Bureau of Mines. The output of gold from Nevada ores, retreated tailings, and gravels in 1938 was 296,434 fine ounces valued at $10,375,190 compared with 281,332 ounces valued at $9,846,620 in 1937, an increase of 5 percent in quantity and value. Silver production in 1938 was 4,355,471 fine ounces valued at $2,815,658 compared with 4,864,750 ounces valued at $3,762,884 in 1937, a decline of 10 percent in quantity and 25 percent in value.

Gold was recovered from the following sources: Dry gold ore, 67 percent; copper ore, 16 percent; dry gold-silver ore, 11 percent; placer gravels, 4 percent; and other ores, 2 percent. Compared with 1937, there was a large increase in the importance of dry gold ore as a source of gold in 1938 and a corresponding decrease in the importance of copper ores. Cyanidation was a more important gold-recovery method in Nevada in 1938 than in 1937; 42 percent of the lode gold was recovered by cyanidation. Amalgamation, by which 12 percent of the Nevada lode gold was recovered in 1938, also showed

an increase in importance compared with 1937. The percentages of Nevada lode gold recovered by smelting of concentrates and ore in 1938 were 26 and 20, respectively, and represented decreases compared with the preceding year. The principal Nevada gold-mining companies, arranged in order of importance as producers in 1938, included the Black Mammoth Consolidated Mining Co., Esmeralda County (gold ore), Consolidated Coppermines Corporation (and lessees), White Pine County (copper ore), Getchell Mine, Inc., Humboldt County (gold ore), Nevada Consolidated Copper Corporation, White Pine County (copper ore), Weepah Nevada Mining Co., Esmeralda County (gold ore and old tailings), Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore), Chiquita Mining Co., Ltd., Clark County (gold ore), lessees of The Tonopah Mining Co. of Nevada, Nye County (gold-silver ore), Penelas Mining Co., Nye County (gold ore), and Sierra Nevada, Ltd., Storey County (gold ore).

Nevada silver was recovered from the following sources in 1938: Dry gold-silver ore, 36 percent; dry silver ore, 29 percent; dry gold ore, 13 percent; copper ore, 10 percent; zinc-lead ore, 7 percent; lead ore, 4 percent; and placer gravel, the remainder. Direct smelting of crude ore accounted for 42 percent of the lode silver produced in Nevada in 1938; 31 percent was recovered by cyanidation, 26 percent was recovered by smelting of concentrates, and the remaining 1 percent by amalgamation.

The principal silver-mining companies in Nevada in 1938, arranged in order of importance as producers, were Desert Silver, Inc., Esmeralda County (silver ore), lessees of the Tonopah Mining Co. of Nevada, Nye County (gold-silver ore), Consolidated Coppermines Corporation and lessees, White Pine County (copper ore), Combined Metals Reduction Co., Lincoln County (zinc-lead ore), Tonopah Belmont Development Co. and lessees, Nye County (gold-silver ore), Bristol Silver Mines Co., Lincoln County (silver ore), Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore), Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore), Nevada Consolidated Copper Corporation, White Pine County (copper ore), and Nevada Standard Mining Corporation, White Pine County (gold-silver ore).

NEW MEXICO

Lode and placer mines in New Mexico produced 43,050 ounces of recoverable gold, valued at $1,506,750, in 1938 compared with 41,171 ounces, valued at $1,440,985, in 1937, according to mine-production figures compiled by Chas. W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The Willow Creek district, San Miguel County, yielded 32 percent of the State total output of gold in 1938, all from zinc-lead-gold-silver-copper ore from the Pecos mine. This mine was closed on May 31, 1939, because of a shortage of ore in paying quantity. The Mogollon district, Catron County, ranked second in gold production in 1938; followed, in order, by Steeple Rock, Grant County; Lordsburg, Hidalgo County; Mount Baldy, Colfax County; and Hillsboro, Sierra County. Most of the gold from the Hillsboro district came from placer mines and was recovered by operators using dragline excavators and power shovels for digging the gravel and specially

constructed portable land machines for treating it. Some of the other districts that yielded placer gold in 1938, listed in order of quantity produced, were the Jicarilla district, Lincoln County; White Signal and Pinos Altos, Grant County; Pittsburg, Sierra County; San Pedro, Santa Fe County; Mount Baldy, Colfax County; Orogrande, Otero County; Central, Grant County; and Ortiz Mountains, Santa Fe County.

Silver production in New Mexico in 1938 totaled 1,229,860 ounces, in terms of recovered metals, valued at $795,061, compared with 1,243,766 ounces, valued at $962,053, in 1937. Substantial increases in 1938 in the Mogollon, Lordsburg, and Steeple Rock districts were more than offset by a large decrease in the Central district. The Mogollon district produced 35 percent of the State total silver, Willow Creek 26 percent, Steeple Rock 19 percent, and Lordsburg 11 percent.

Some of the large mines in New Mexico that produce copper or lead and zinc as the metals of chief value also yield considerable gold and silver. Of the 2,414,857 tons of ore mined in the State in 1938 by producers of gold, silver, copper, lead, and zinc, 108,689 tons (4.5 percent) were dry and siliceous gold, gold-silver, and silver ores which yielded 49 percent of the State total gold and 59 percent of the silver. These ores came chiefly from the Mogollon, Mount Baldy, Steeple Rock, Victorio (Luna County), Pinos Altos (Grant County), and Sylvanite (Hidalgo County) districts. Zinc-lead ore, which came chiefly from the Willow Creek and Central districts, amounted to 217,707 tons (9 percent of the State total) and yielded 32 percent of the gold and 27 percent of the silver. Copper ore, mostly from the Central and Lordsburg districts, totaled 1,904,374 tons (79 percent), and yielded 12 percent of both the gold and silver. Only 1,265 tons of combined lead and lead-copper ores were mined during the year and their yield of gold and silver was only 0.5 percent and 1 percent, respectively, of the State total. The 182,822 tons of zinc ore produced during the year contained no recoverable gold or silver. Placer mines yielded 6 percent of the State gold and a negligible quantity (167 ounces) of silver. Figures compiled by Chas. W. Henderson show that from 1848 to 1938, inclusive, New Mexico mines have produced 2,048,013 fine ounces of gold and 61,139,542 fine ounces of silver.

OREGON

The quantity of gold produced in Oregon in 1938 was 55 percent greater than in 1937 and its value was the largest in the history of the State, according to Charles White Merrill of the United States Bureau of Mines. The output of gold from Oregon ores, gravels, and retreated tailings was 81,729 fine ounces valued at $2,860,515 compared with 52,662 ounces valued at $1,843,170 in 1937. Placer mines produced 66 percent of the gold and lode mines 34 percent. Dredges of the connected-bucket type treated 7,258,000 cubic yards of material in 1938 compared with 5,017,000 yards in 1937 and recovered 29,006 ounces of gold valued at $1,015,210 compared with 17,178 ounces valued at $601,230 in 1937. Dragline dredges handled 2,891,000 yards of gravel in 1938 compared with 2,085,000 yards in 1937 and recovered 15,939 ounces of gold valued at $557,865 in 1938 compared with 9,126 ounces valued at $319,410 in 1937. Connected-bucket dredges handled 64 percent of the gravel and recovered 54 percent of

the placer gold in Oregon in 1938; dragline dredges handled 25 percent of the gravel and recovered 29 percent of the placer gold. Virtually all of the lode gold was recovered from dry and siliceous gold ore; concentration followed by smelting of concentrates accounted for the major part of the lode gold recovered.

The principal Oregon gold-mining companies in 1938, arranged in order of importance as producers, were: Cornucopia Gold Mines, Baker County (gold ore), Sumpter Valley Dredging Co., Baker County (connected-bucket dredge), Western Dredging Co., Grant County (connected-bucket dredge), Ferris & Marchbank, Grant County (dragline dredge), Rogue River Gold Co., Josephine County (connected-bucket dredge), and B–H Co., Jackson County (dragline dredge). These six companies contributed two-thirds of the gold output of Oregon in 1938.

Oregon ores, gravels, and retreated tailings in 1938 yielded 100,507 fine ounces of silver valued at $64,974 compared with 60,564 ounces valued at $46,846 in 1937; the increase was 66 percent in quantity and 39 percent in value. Almost three-fourths of the silver produced in Oregon in 1938 was recovered from gold ore mined by Cornucopia Gold Mines, Baker County.

SOUTH DAKOTA

The mine production of gold in South Dakota in 1938 was the highest in any year on record, totaling 594,847 fine ounces compared with 581,544 ounces in 1937 and 586,353 ounces in 1936, the former record year, according to Chas. W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The value of the gold produced in 1938 was $20,819,645. The value of the silver (162,295 ounces, all a byproduct of gold mining) was $104,918. The producing area in South Dakota is comparatively small, comprising only parts of three southwestern counties—Custer, Lawrence, and Pennington—in what is known as the Black Hills. The bulk of the gold continued to come from the Homestake mine, at Lead, Lawrence County, the largest producer of gold in the United States. This mine has been producing almost continuously since 1876 and from that year through 1938 yielded bullion and concentrates that brought a net return of $360,075,014 and paid $115,145,722 in dividends. The ore milled in 1938 amounted to 1,377,314 tons and net receipts for the bullion product (including $77,860 in silver) $19,284,460. No concentrates have been made at the Homestake mills in recent years. At the end of 1938 the mine was opened through the Ross shaft to the 4,400-foot level; both this shaft and the new Yates shaft, begun in 1938 to replace the Ellison shaft, are designed to be sunk to a vertical depth of 5,000 feet.

The Bald Mountain Mining Co. group at Trojan was the second largest producer of gold and silver in South Dakota in 1938; it yielded 118,026 tons of ore from which were recovered 23,899 fine ounces of gold, and 34,012 fine ounces of silver, which together brought a net return of $851,245. The dividends paid during the year totaled $231,250. The Maitland group in the Maitland district and the Gilt Edge-Dakota Maid group in the Bear Butte district, both also in Lawrence County, were important producers in 1938. An average of more than 100 tons of ore were mined and treated daily throughout

the year at each of these mines. The Golden Slipper group 5 miles east of Hill City, Pennington County, produced 12,000 tons of ore yielding bullion and concentrates valued, at net mint and smelter payments, at $106,158 in gold, and $350 in silver. Some gold and silver were recovered from other lode mines in Lawrence and Pennington Counties, operated on a small scale. Placer mines in the State yielded 1,069 fine ounces of gold, and 82 fine ounces of silver in 1938, most of which came from mines on French Creek, Custer County, worked with dragline excavators and portable screening and sluicing plants. Small-scale placer operations were carried on by individuals along streams and gulches in all three counties, but their aggregate output of gold was only 199 ounces. The total production of gold and silver (in terms of recovered metals) in South Dakota from the beginning of production in 1875 to the end of 1938, as compiled by Chas. W. Henderson, has been 18,232,108 ounces of gold, valued at $419,720,989 and 8,832,407 ounces of silver, valued at $6,288,627.

TEXAS

Silver ore from the Presidio mine at Shafter, in Presidio County, yielded all the gold (except 0.53 ounce contained in 8 tons of lead ore shipped from Sierra Blanca, Hudspeth County) and 96 percent of the silver recovered from mines in Texas in 1938, according to Chas. W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The State total mine output of gold was 439 ounces, valued at $15,365, and of silver 1,433,008 ounces, valued at $926,389; in 1937 the production of gold was 562 ounces, valued at $19,670, and silver 1,325,660 ounces, valued at $1,025,398.

The ore of the Presidio mine is found as a replacement of limestone beds and is oxidized, the principal mineral being silver chloride associated with argentite, cerargyrite, galena, anglesite, and cerussite. The mine is equipped with a 350-ton gravity concentration-cyanidation mill, which was operated continuously in 1938 and treated 127,574 tons of ore, yielding 685 tons of table concentrates containing 54.63 ounces of gold, 278,056 ounces of silver, and 684,432 pounds of lead; and precipitates containing 383.84 ounces of gold, 1,101,131 ounces of silver, and 25 pounds of lead. The Plata Verde mine in Hudspeth County, 14 miles southwest of Van Horn, and the Hazel in Culberson County, 16 miles northwest of Van Horn, yielded most of the remainder of the output of silver from the State in 1938. The ore from these two mines and small quantities of ore containing a little silver from 4 other mines and prospects in Culberson and Hudspeth Counties were shipped direct to the El Paso smelter. The total production of gold and silver in Texas (in terms of recovered metals) from the beginning of production in 1885 to the end of 1938, compiled from all sources by Chas. W. Henderson—mostly from the Presidio mine—has been 7,099 fine ounces of gold, and 28,749,634 fine ounces of silver.

UTAH

The output of gold, silver, copper, lead, and zinc from mines in Utah in 1938 was valued at $43,745,902, compared with $87,897,549 in 1937, a decrease of $44,151,647, or 50 percent, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. Marked decreases were recorded in the output

of all five metals, owing to curtailment in copper operations at Bingham and to the closing of zinc-lead-silver properties at Park City.

The output of recoverable gold decreased from 322,759 ounces valued at $11,296,565 in 1937 to 200,630 ounces valued at $7,022,050 in 1938, a decrease of 122,129 ounces, or 38 percent. Gold recovered from copper ore decreased from 202,427 ounces in 1937 to 98,100 ounces in 1938 as the output of copper ore decreased from 23,197,017 tons to 12,032,385 tons. Gold from lead ore and zinc-lead ore decreased 9,531 ounces and gold from dry and siliceous ores decreased 8,364 ounces. Base ores (copper ore, lead ore, and zinc-lead ore) yielded nearly 65 percent of the State total gold and dry and siliceous ores 35 percent; placers in Utah yielded only 148 ounces of gold in 1938. Ore treated at straight concentration plants yielded 62 percent of the total gold in 1938, crude ore smelted 30 percent, and ore to amalgamation and cyanidation mills 8 percent. Mines in the West Mountain (Bingham) district produced 64 percent of the total gold, despite a decrease of 110,759 ounces in the district output. The Utah Copper Co. was, as usual, the largest gold producer in Utah, followed by the United States Smelting, Refining & Mining Co., the Mercur unit of Snyder Mines, Inc., the Mammoth Mining Co., and the Eureka Standard Consolidated Mining Co.; these five mines yielded 74 percent of the State total gold.

The output of silver decreased from 12,869,117 ounces valued at $9,954,262 in 1937 to 9,682,732 ounces valued at $6,259,544 in 1938. Silver from the Bingham district decreased 1,201,685 ounces, chiefly as a result of curtailment by the Utah Copper Co. Silver from the Park City region declined 1,169,976 ounces due to the closing of the Silver King Coalition and Park Utah Consolidated properties early in the year. Zinc-lead ore yielded 47 percent of the total silver in 1938, dry and siliceous ores 32 percent, lead ore 12 percent, and copper ore 9 percent. Ore treated at concentration plants yielded 57 percent of the total silver and crude ore smelted 43 percent. The United States Smelting, Refining & Mining Co. was again the largest silver producer in Utah, followed by the Tintic Standard Mining Co., Park City Consolidated Mines Co., Utah Copper Co., and Silver King Coalition Mines Co.; these five companies produced 70 percent of the total silver in Utah in 1938.

WASHINGTON

The output of gold, silver, copper, lead, and zinc from mines in Washington was valued at $5,510,440 in 1938, compared with $2,253,054 in 1937, according to T. H. Miller and Paul Luff of the United States Department of the Interior, Bureau of Mines. The increase of 145 percent in total value was due chiefly to the starting of milling operations at the Holden property of the Howe Sound Co.; the new mill was placed in operation in April and the company became the largest producer of gold, silver, and copper in Washington.

The output of recoverable gold increased from 36,310 ounces valued at $1,270,850 in 1937 to 74,175 ounces valued at $2,596,125 in 1938; the 1938 output was the largest in the history of mining in the State. Gold recovered from copper ore increased from only 14 ounces in 1937 to 30,650 ounces in 1938 as the output of copper ore increased from 6,631 tons to 373,120 tons; the Howe Sound Co. treated 371,800

tons of copper-gold-silver ore in the new mill at Holden. Gold from dry and siliceous gold ore increased 5,955 ounces in 1938, due chiefly to the increase in gold ore treated by cyanidation at plants in Ferry and Stevens Counties; gold from gold ore shipped to smelters also increased and came chiefly from mines in the Republic district, Ferry County. Ore treated at straight concentration mills increased from 114,566 tons in 1937 to 631,864 tons in 1938 and yielded 42 percent af the total gold produced in 1938; ore to amalgamation and cyanidation mills increased to 212,161 tons (from 142,790 tons in 1937) and yielded 40 percent of the gold; crude ore shipped direct to smelters (57,664 tons in 1938 compared with 37,470 tons in 1937) yielded 16 percent, and placers 2 percent. Most of the placer output came from operations on the Columbia River in Stevens and Ferry Counties. The Howe Sound Co. was by far the largest gold producer in Washington in 1938, followed by the Knob Hill Mines, Inc., at Republic, the Azurite property of the American Smelting & Refining Co. in Whatcom County, the Aurum Mining Co., Eureka Mining & Milling Co., and the Mountain Lion Consolidated Mines Co. (all at Republic, Ferry County), and the First Thought Mine Corporation at Orient, Stevens County.

The output of silver increased from 126,304 ounces valued at $97,696 in 1937 to 380,938 ounces valued at $246,263 in 1938. Nearly half the gain in silver was recorded in Chelan County due to the starting of milling operations by the Howe Sound Co. which became the largest silver producer in the State in 1938. Silver from Okanogan County increased 76,124 ounces in 1938, owing chiefly to operations at the Arlington property; silver from Ferry and Stevens Counties also increased. Gold ore and copper ore each yielded 33 percent of the State total silver in 1938 and silver ore yielded 29 percent. Ore treated at straight concentration plants yielded 65 percent of the silver and ore smelted 20 percent. In addition to the Howe Sound Co. and Arlington Mines, Inc., other important silver producers in Washington in 1938 included the Knob Hill, Aurum, and Quilp properties at Republic, the Silver Queen property (Ark Mines Co.) at Kettle Falls, and the Josephine property (Pend Oreille Mines & Metals Co.) at Metaline Falls.

WYOMING

Mines in Wyoming produced 798 fine ounces of gold and 328 fine ounces of silver in 1938 compared with 1,776 ounces of gold and 203 ounces of silver in 1937, according to Chas. W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The only silver produced in the State in 1938 that was not a byproduct of gold mining was 34 ounces contained in silver ore shipped from the Sunlight district, Park County. Placer mines in the Atlantic City district, Fremont County, worked with dragline excavators and portable land screening and sluicing plants, continued to yield most of the State gold. The total gold produced from seven lode mines and prospects, of which six were in Fremont County, and one in Carbon, was only 194 ounces. Counties producing placer gold, besides Fremont, comprised Albany, Carbon, Sheridan, and Teton. The total production of gold and silver (in terms of recovered metals) in Wyoming from 1867 to 1938, inclusive, according to Chas. W. Henderson, has been 76,090 fine ounces of gold and 74,297 fine ounces of silver.

Distribution of the gold and silver production of the United States, in fine ounces, for 1938, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores [1]	Lead ores [2]	Copper ores
		Floating connected-bucket dredges	All other			
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	30		11	4		
Alaska	234,018	278,442	152,513	221,700		258,153
Arizona	300,058		4,985	2,147,133	805,957	4,525,435
California	738,616	375,296	197,217	2,525,264	18,524	47,016
Colorado	349,427	1,027	17,014	2,076,762	434,190	5,421,143
Georgia	294		578	71		
Idaho	49,434	31,234	22,845	13,838,119	5,154,218	1,339
Illinois					576	
Maryland	855			24		
Michigan						93,634
Missouri					292,000	
Montana	167,965	21,356	13,992	1,962,539	581,847	3,859,576
Nevada	283,475	63	12,896	3,441,276	473,017	437,970
New Mexico	40,424		2,626	725,305	354,461	150,094
New York					37,200	
North Carolina	1,861		17	387	206	4,907
Oregon	27,398	29,006	25,325	100,457	46	4
Pennsylvania	1,422					[3] 9,360
South Carolina	11,677		4	3,951		
South Dakota	593,778		1,069	162,295		
Tennessee	236				857	37,476
Texas	439			1,431,696	77	1,235
Utah	200,482		148	3,075,255	5,688,253	919,224
Virginia	2,886		57	415		87
Washington	72,600		1,575	238,732	17,899	124,307
Wyoming	194		604	328		
Total [4]	3,077,569	736,424	453,476	31,951,713	13,859,328	15,890,960

[1] Contains small quantity of silver from placer mines (less than 86,110 ounces).
[2] Includes silver in lead, silver-lead, zinc-lead, zinc and zinc-lead-copper ores.
[3] Includes silver in copper concentrates from magnetite-pyrite-chalcopyrite ores.
[4] Philippine Islands and Puerto Rico excluded: Philippine Islands report 1,155,057 ounces of silver from lode mines and 12,555 ounces from placers; also 853,168 ounces of gold from lode mines and 50,097 ounces of gold from placers.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1937 and 1938, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase 1938	Decrease 1938
	1937		1938			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Value*
Alaska	628,800	$22,008,000	659,831	$23,094,100	31,031	
Alabama	2,483	86,900	37	1,300		2,446
Arizona	344,060	12,042,100	307,646	10,767,600		36,414
California	1,169,491	40,932,200	1,317,549	46,114,200	148,058	
Colorado	379,246	13,273,600	375,317	13,136,100		3,929
Georgia	563	19,700	780	27,300	217	
Idaho	82,811	2,898,400	98,003	3,430,100	15,192	
Maryland	1,070	37,400	857	30,000		213
Michigan	51	1,800				51
Montana	204,903	7,171,600	188,360	6,592,600		16,543
Nevada	272,531	9,538,600	280,009	9,800,300	7,478	
New Mexico	43,354	1,517,400	41,800	1,463,000		1,554
North Carolina	871	30,500	1,977	69,200	1,106	
Oregon	53,757	1,881,500	80,397	2,813,900	26,640	
Pennsylvania	1,423	49,800	1,406	49,200		17
South Carolina	1,957	68,500	11,414	399,500	9,457	
South Dakota	575,814	20,153,500	591,757	20,711,500	15,943	
Tennessee	663	23,200	380	13,300		283
Texas	566	19,800	431	15,100		135
Utah	311,943	10,918,000	215,414	7,539,500		96,529
Virginia	1,149	40,200	3,040	106,400	1,891	
Washington	32,974	1,154,100	68,103	2,383,600	35,129	
Wyoming	1,680	58,800	860	30,100		820
Philippine Islands	692,363	24,232,700	844,434	29,555,200	152,071	
Puerto Rico	17	600	9	300		8
Total	4,804,540	168,158,900	5,089,811	178,143,400	444,213	158,942
Net increase					285,271	

[1] For method of calculation, see p. 48.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1937 and 1938, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase	Decrease
	1937		1938			
	Ounces	*Value* [2]	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	656,894	$508,108	563,806	$364,481		93,088
Alabama	734	568	3	2		731
Arizona	9,541,141	7,380,073	7,483,213	4,837,633		2,057,928
California	2,794,550	2,161,584	2,694,270	1,741,750		100,280
Colorado	6,286,393	4,862,525	7,805,543	5,046,008	1,519,150	
Georgia	44	34	63	41	19	
Idaho	19,556,118	15,126,657	18,397,204	11,893,142		1,158,914
Illinois	1,236	956	92	59		1,144
Maryland	30	23	24	15		6
Michigan	19,022	14,714	106,468	68,828	87,446	
Missouri	118,080	91,335	169,223	109,397	51,143	
Montana	11,740,970	9,081,640	6,761,582	4,371,124		4,979,388
Nevada	4,722,623	3,652,949	4,114,601	2,659,944		608,022
New Mexico	1,400,330	1,083,155	1,261,996	815,836		138,334
New York	45,752	35,389	40,834	26,398		4,918
North Carolina	5,649	4,370	4,985	3,223		664
Oregon	75,154	58,132	91,761	59,320	16,607	
Pennsylvania	10,206	7,894	10,625	6,869	419	
South Carolina	491	380	2,444	1,580	1,953	
South Dakota	142,063	109,886	158,164	102,247	16,101	
Tennessee	50,065	38,724	38,918	25,159		11,147
Texas	1,338,393	1,035,247	1,381,110	892,839	42,717	
Utah	12,692,203	9,817,419	10,288,613	6,651,224		2,043,590
Virginia	787	609	1,484	959	697	
Washington	99,627	77,062	311,345	201,273	211,718	
Wyoming	374	289	462	299	88	
Philippine Islands	642,864	497,255	976,501	631,273	333,637	
Puerto Rico	1	1	1	1		
Total	71,941,794	55,646,978	62,665,335	40,510,924	2,281,695	11,558,154
Net decrease						9,276,459

[1] For method of calculation, see p. 48.

[2] Calculated on basis of $0.7735 per fine ounce for 1937, the average amount per ounce returned to depositors of newly mined domestic silver, and in 1938 at $0.6464+, the amount per ounce returned to depositors of newly mined domestic silver produced in 1938.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value
1792 to July 31, 1834	677,250	$14,000,000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362,812	7,500,000	193,400	$253,400
1845	48,762	1,008,000	38,700	50,200
1846	55,341	1,140,000	38,700	50,300
1847	43,005	889,000	38,700	50,600
Total	1,187,170	24,537,000	309,500	404,500
1848	483,750	10,000,000	38,700	50,500
1849	1,935,000	40,000,000	38,700	50,700
1850	2,418,750	50,000,000	38,700	50,900
1851–55	14,270,625	295,000,000	193,500	259,400
1856–60	12,384,000	256,000,000	309,400	418,300
1861–65	10,716,271	221,525,000	28,810,600	38,674,300
1866–70	12,225,570	252,725,000	49,113,200	65,261,100
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,300	29,396,400
Total	58,279,778	1,204,750,000	118,568,200	157,749,900
1873–75	4,980,631	102,958,800	81,057,900	103,285,000
1876–80	10,300,633	212,933,000	157,680,500	182,506,400
1881–85	7,730,372	159,801,000	182,840,700	202,806,600
1886–90	8,077,967	166,984,500	231,819,100	227,495,200
1891–95	9,106,834	188,255,000	287,057,000	227,960,100
1896–1900	15,728,572	325,138,400	279,544,300	172,688,800
1901–05	19,393,722	400,903,800	278,798,400	159,543,400
1906–10	22,993,218	475,312,000	277,332,800	162,916,400
1911	4,687,053	96,890,000	60,399,400	32,615,700
1912	4,520,719	93,451,500	63,766,800	39,197,500
1913	4,299,784	88,884,400	66,801,500	40,348,100
1914	4,572,976	94,531,800	72,455,100	40,067,700
1915	4,887,604	101,035,700	74,961,075	37,397,300
1916	4,479,057	92,590,300	74,414,802	48,953,000
1917	4,051,440	83,750,700	71,740,362	59,078,100
1918	3,320,784	68,646,700	67,810,139	66,485,129
1919	2,918,628	60,333,400	56,682,445	63,533,652
1920	2,476,166	51,186,900	55,361,573	60,801,955
1921	2,422,006	50,067,300	53,052,441	53,052,441
1922	2,363,075	48,849,100	56,240,048	56,240,048
1923	2,502,632	51,734,000	73,335,170	60,134,839
1924	2,528,900	52,277,000	65,407,186	43,822,814
1925	2,411,987	49,860,200	66,155,424	45,911,864
1926	2,335,042	48,269,600	62,718,746	39,136,497
1927	2,197,125	45,418,600	60,434,441	34,266,328
1928	2,233,251	46,165,400	58,462,507	34,200,567
1929	2,208,386	45,651,400	61,327,868	32,687,754
1930	2,285,603	47,247,600	50,748,127	19,538,029
1931	2,395,878	49,527,200	30,932,050	8,970,294
1932	2,449,032	50,626,000	23,980,773	6,762,578
1933	2,556,246	52,842,300	23,002,629	8,050,920
1934	3,091,183	108,191,400	32,725,353	[2] 21,155,784
1935	3,609,283	126,324,900	45,924,454	[2] 33,008,201
1936	4,357,394	152,508,800	63,812,176	[2] 49,422,530
1937	4,804,540	168,158,900	71,941,794	[2] 55,646,978
1938	5,089,811	178,143,400	62,665,335	[3] 40,510,924
Total	190,367,534	4,235,451,000	3,403,390,418	2,570,199,426
Grand total	249,834,482	5,464,738,000	3,522,268,118	2,728,353,826

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver: in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

[3] Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, $0.6464+.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1938

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at $35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1938, with the classes of material from which they were made.

Gold and silver issued for use in the industrial arts during the calendar year 1938[1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$214,004	210,740
Bullion in various forms	Private refiners and dealers	29,912,750	38,332,389
United States coin[2]	Banks, etc		77,344
Total		30,156,754	38,620,473
Old jewelry, plate, scraps, etc., contained in private refineries and dealers' returns, and that returned to monetary use		30,480,835	18,438,847
Net new material used in industry			20,181,626
Net return from industry		324,081	

[1] For explanation of calculation, see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881–85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886–90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891–95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896–1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901–5	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906–10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911–15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	1,000,000	−7,489,667
1933	17,013,260	22,805,960	−5,792,700	100,000	−5,892,700
1934	14,232,795	75,927,285	−61,694,490		−61,694,490
1935	25,929,497	58,390,675	−32,461,178		−32,461,178
1936	32,967,937	35,875,770	−2,907,833		−2,907,833
1937	39,622,338	36,407,945	3,214,393		3,214,393
1938	30,156,754	30,480,835	−324,081		−324,081
Total	1,949,152,792	917,153,141	1,031,999,651	138,975,000	893,024,651

SILVER

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2,793,929	203,540	2,590,389	464,063	2,126,326
1881–85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886–90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891–95	39,985,973	4,754,381	35,231,592	541,406	34,690,186
1896–1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901–05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906–10	122,764,809	18,342,642	104,422,167	386,720	104,035,447
1911–15	152,221,115	34,641,952	117,579,163	386,720	117,192,443
1916	32,103,507	9,899,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,041,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,024,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,824,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11,381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,829	26,874,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,335,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,343,451	18,532,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	35,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,292,270	23,564,986	27,727,284	77,344	27,649,940
1938	38,620,473	18,438,847	20,181,626	77,344	20,104,282
Total	1,341,857,578	382,570,453	959,287,125	5,878,131	953,408,994

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Treated as having priority as regards issue or reissue.

Deposits of foreign silver bullion and coin during the calendar year 1938 [1]

[On quantity basis; see p. 48]

Country	Fine ounce	Subsidiary coining value at $1.38 + per fine ounce	Country	Fine ounce	Subsidiary coining value at $1.38 + per fine ounce
Crude bullion:			Crude bullion—Continued.		
North America:			Asia:		
Mexico	40,412	$55,866	China	4,450	$6,152
Cuba	20	28	India	17,751	24,539
Dominican Republic	831	1,149	Japan	11,398	15,757
British West Indies	50	69	Straits Settlements	306	423
Other North American countries	33	46	Oceania:		
Central America:			Australia	40,978	56,648
Costa Rico	17,876	24,712	New Zealand	222	307
Salvador	4,806	6,644	Unallocated	71	98
Other Central American countries	8,121	11,227	Coin:		
South America:			Chile	404	558
Chile	2,919	4,035	Panama	1	1
Colombia	3,746	5,178	Foreign mixed	4	6
Ecuador	7,121	9,844	Total fine ounces	165,230	
Peru	1,595	2,205	Total subsidiary coining value		228,416
Venezuela	2,115	2,924			

[1] Does not include silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 355,406,416 fine ounces for the calendar year 1938.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 12,370,521 fine ounces not included in the above table and consisted of: Refined silver from domestic refineries, 8,574,077 fine ounces; miscellaneous foreign refined, 404,512 fine ounces; Belgian refined, 415,859 fine ounces; Canadian refined, 61,642 fine ounces; Czechoslovak refined, 302,220 fine ounces; French refined, 373,457 fine ounces; German refined, 20,709 fine ounces; Great Britain refined, 1,579,372 fine ounces; Japanese refined, 390,260 fine ounces; Mexican refined, 248,413 fine ounces.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1938

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Acquisitions	8,036	18,555	5,362	16,023	2,457	4,053	54,486
Transfers	167	39	62	23	5		296
Deposits for foreign coinage	30						30
Total deposit transactions	8,283	18,594	5,424	16,046	2,462	4,053	54,812
Deposit assay determinations:							
Acquisitions	11,350	25,560	6,032	31,823	2,460	5,282	82,507
Transfers	167	39	1,710	3,305			5,221
Deposits for foreign coinage	1,243						1,243
Total deposit assay determinations	12,760	25,599	7,742	35,128	2,460	5,282	88,971

Summary of exports and imports of gold and silver, calendar year 1938

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$5,888,904	$1,979,457,519	$7,082,153	$230,531,137
In ore and base bullion	882,874	77,627,999	680,726	23,560,515
Refined bullion	5,006,017	1,885,628,425	790,293	82,711,006
Coin:				
United States		291	55	337,549
Foreign	13	16,200,804	5,611,079	123,922,067

Deposits and purchases of gold during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	12.289	9,682.152
Alabama		
Arizona		48,714.792
California		912,678.056
Colorado		2.690
Georgia		
Idaho	3.788	7,859.585
Maryland	856.163	
Montana		7.448
Nevada		111,991.955
New Mexico		
North Carolina	1,677.217	
Oregon		21,512.138
South Carolina	9,864.257	
South Dakota		
Texas		
Utah		
Virginia	647.901	
Washington		7,409.748
Wyoming		6.441
Philippine Islands		732,949.372
Puerto Rico		
Grains, receiving division	143.393	163.494
Total unrefined	13,205.008	1,852,977.871
Domestic refinery bullion:		
Less than 0.995 fine		
0.995 fine and over	.320	1,034,569.234
Total domestic purchases	13,205.328	2,887,547.105
Foreign coin	76.206	36.323
Foreign bullion:		
Crude	519.790	2,990,138.045
Refined		3,184,139.051
Jeweler's bars, dental scrap, etc	123,470.618	35,852.722
Total deposits purchased	137,271.942	9,097,713.246
REDEPOSITS PURCHASED		
Domestic coin	32.673	25.286
Bars stamped by U. S. Government		
From "Earmark," etc		539,188.418
Surplus bullion (recoveries)	509.688	2,625.072
Total redeposits purchased	542.361	541,838.776
Total purchases	137,814.303	9,639,552.022
REDEPOSITS TRANSFERRED		
Domestic coin from other Treasury offices (melted)	9,227,890.	
Foreign coin from other Treasury offices	10.996	
Unrefined bars		
Proof bullion		198.210
Total redeposits transferred	9,238.886	198.210
Grand total, fine ounces	147,053.189	9,639,750.232
Value of—	*Value*	*Value*
Purchases at $20.67 plus per ounce	$4,704.46	$2,598.03
Increment to $35 per ounce	3,260.79	1,800.81
Purchases at $35 per ounce	4,815,535.39	337,379,921.97
Domestic coin from other Treasury offices (melted)	322,976.15	
Foreign coin from other Treasury offices	384.86	
Other transfers		6,937.35
Total value at $35 per ounce	5,146,861.65	337,391,258.16

the calendar year ended Dec. 31, 1938

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
	25. 915		603, 602. 922	613, 323. 278
		31. 129		31. 129
514. 770				49, 229. 562
7. 824			26. 910	912, 712. 790
220, 874. 505		3. 584	4. 152	220, 884. 931
		743. 040	3. 062	746. 102
23, 740. 621			31, 283. 130	62, 887. 124
				856. 163
52, 436. 735			49, 890. 136	102, 334. 319
860. 234				112, 852. 189
11, 626. 159		60. 304		11, 686. 463
				1, 677. 217
341. 579			19, 169. 844	41, 023. 561
	7. 664			9, 871. 921
40, 677. 104				40, 677. 104
1. 031				1. 031
6, 858. 102				6, 858. 102
				647. 901
2, 177. 864			10, 262. 971	19, 850. 583
694. 994			13. 045	714. 480
				732, 949. 372
	8. 718			8. 718
174. 115	58. 856	3. 452	90. 597	633. 907
360, 985. 637	101. 153	841. 509	714, 346. 769	2, 942, 457. 947
			7, 262. 212	9, 345. 625
2, 083. 413			286. 500	2, 684, 173. 360
594, 137. 487	1, 055, 179. 819			
957, 206. 537	1, 055, 280. 972	841. 509	721, 895. 481	5, 635, 976. 932
226. 786	354, 052. 215	72. 757	1. 089	354, 465. 376
		1, 605. 018	1, 079. 856	7, 332, 069. 221
8. 017	4, 338, 718. 495		186. 213	37, 922. 584. 969
	34, 738, 259. 705		10, 556. 052	368, 798. 926
26, 261. 163	146, 437. 613	26, 220. 758		
983, 702. 503	40, 632, 749. 000	28, 740. 042	733, 718. 691	51, 613. 895. 424
		18. 463	2. 475	48, 614. 424
57. 879	48, 477. 648			31, 190. 599
	31, 190. 599			764, 303. 064
	225, 114. 646			5. 606. 544
308. 426	2, 163. 358			
366. 305	306, 946. 251	18. 463	2. 475	849. 714. 631
984, 068. 808	40, 939, 695. 251	28, 758. 505	733, 721. 166	52, 463. 610. 055
				21, 363. 440
12, 135. 550				10. 996
				2, 387, 207. 223
837, 632. 053	1, 549, 575. 170	37. 518		335. 728
100. 000				2, 408, 917. 387
849, 867. 603	1, 549. 575. 170	37. 518		
1, 833, 936. 411	42, 489, 270. 421	28, 796. 023	733, 721. 166	54, 872. 527. 442
Value	*Value*	*Value*	*Value*	*Value*
$2, 944. 13	$1, 014, 809. 45	$576. 30	$466. 07	$1, 026, 098. 44
2. 041. 02	703, 410. 15	405. 68	327. 97	711, 246. 42
34, 437, 423. 02	1, 431, 171, 114. 20	1, 005, 565. 71	25, 679, 446. 77	1, 834, 489, 007. 06
424, 744. 26				747, 720. 41
				384. 86
		1, 313. 11		83, 564, 003. 36
29, 320, 621. 95	54, 235, 130. 95			
64, 187, 774. 38	1, 487, 124, 464. 75	1, 007, 860. 80	25, 680, 240. 81	1, 920, 538, 460. 55

Deposits and purchases of silver during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES		
	Fine ounces	*Fine ounces*
Alaska	1.35	1,771.23
Alabama		
Arizona		104,194.19
California		840,117.36
Colorado		1.50
Georgia		
Idaho	.70	2,147.54
Maryland	24.51	
Montana		1.22
Nevada		606,623.36
New Mexico		
North Carolina	90.27	
Oregon		
South Carolina	43.14	3,018.13
South Dakota		
Texas		
Utah		
Virginia	98.39	
Washington		16,419.14
Wyoming		.39
Philippine Islands		789,491.74
Puerto Rico	55.70	
Grains, receiving division		90.10
Total unrefined	314.06	2,363,875.90
Domestic refinery bullion:		
Less than 0.996 fine	31,663,720.72	26,733,863.72
0.996 fine and over		
Total domestic purchases	31,664,034.78	29,097,739.62
Foreign coin	.15	.25
Foreign bullion:		
Crude	70.25	70,077.39
Refined		37,641,789.26
Jeweler's bars, dental scrap, etc	37,899.85	28,426.60
Nationalized refined bars		
Total deposits purchased	31,702,005.03	66,838,033.12
REDEPOSITS PURCHASED		
Domestic coin	2,860.01	127.67
Surplus bullion (recoveries)	7,559.64	12,071.24
Total redeposits purchased	10,419.65	12,198.91
Total purchases	31,712,424.68	66,850,232.03
REDEPOSITS TRANSFERRED		
Domestic coins from Treasury	2,645,004.90	229,318.21
Domestic assay pieces	224.00	
Unrefined bars		25.00
Proof and inquartation silver		
Total redeposits transferred	2,645,228.90	229,343.21
DEPOSITED IN TRUST		
Refined bullion from domestic refineries	8,574,077.22	
Foreign bullion, refined	3,796,443.85	
Total deposited in trust	12,370,521.07	
Grand total, fine ounces	46,728,174.65	67,079,575.24
Value—		
Cost of acquisitions	*Value*	*Value*
Cost of bullion transferred	$22,315,792.18	$35,878,939.60
Subsidiary coining value of transferred domestic coin		11.25
Monetary value (at $1.29+ per fine ounce) of bullion transferred.	3,656,787.79	317,011.53
Monetary value (at $1.29+ per fine ounce) of silver acquired		32.32
	41,001,922.82	86,432,623.24

the calendar year ended Dec. 31, 1938

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
67,749.47	3.71		25,545.01	95,070.77
		3.34		3.34
87.40				104,281.59
.92			7.73	840,126.01
94,433.44		.78	2.56	94,438.28
		51.42	.26	51.68
13,848.87			3,668.64	19,665.75
				24.51
120,808.52			4,001.34	124,811.08
194.40				606,817.76
423,920.90		21.07		423,941.97
				90.27
3,019.04			1,290.73	7,327.90
	.25			43.39
42,267.89				42,267.89
.59				.59
705.60				705.60
			111.51	209.90
36,675.90			237.74	53,332.78
100.18			2.09	102.66
				789,491.74
	.74			.74
81.00	18.57	1.01	26.41	272.79
803,894.12	23.27	77.62	34,894.02	3,203,078.99
			29.90	123,227.29
123,197.39				58,555,276.34
	157,691.90			
927,091.51	157,715.17	77.62	34,923.92	61,881,582.62
	406.63	1.63		408.66
				164,821.92
4.72	94,291.90	377.53	.13	355,406,416.36
12,601,674.24	305,162,952.86			169,525.64
8,895.51	83,605.91	7,717.86	2,979.91	390.45
390.45				
13,538,056.43	305,498,972.47	8,174.64	37,903.96	417,623,145.65
				3,521.32
522.36	11.28			27,329.00
4,054.17	3,643.95			
				30,850.32
4,576.53	3,655.23			
13,542,632.96	305,502,627.70	8,174.64	37,903.96	417,653,995.97
				3,440,029.07
				224.00
565,705.96				1,330,265.46
	1,278,112.10			3,248.67
52,153.36	3,043.79	179.88		
				4,773,767.20
617,859.32	1,281,155.89	179.88		
				8,574,077.22
				3,796,443.85
				12,370,521.07
14,160,492.28	306,783,783.59	8,354.52	37,903.96	434,798,284.24
Value	*Value*	*Value*	*Value*	*Value*
$6,290,872.51	$134,858,479.05	$3,477.40	$16,001.33	$199,363,562.07
22,422.30	640,558.79	81.38		663,073.72
782,036.87				4,755,836.19
67,430.60	1,656,443.98	232.57		1,724,139.47
			49,007.14	
17,509,666.86	394,993,296.44	10,569.23		539,997,085.73

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1938

Denomination	From Treasury stock	Purchased	Total
Gold:			
Double eagles	$223,220.00	$1,002,920.00	$1,226,140.00
Eagles	111,980.00	980.00	112,960.00
Half eagles	87,620.00	775.00	88,395.00
Quarter eagles	19,822.50	527.50	20,350.00
3-dollar pieces	147.00	33.00	180.00
1-dollar pieces	400.00	194.00	594.00
Total gold, face value	443,189.50	1,005,429.50	1,448,619.00
Total value of gold content at $20.67+ per ounce	441,740.20	1,004,829.19	1,446,569.39
Silver:			
Trade dollars		43.00	43.00
Standard dollars		586.00	586.00
Half dollars	1,951,454.50	1,551.50	1,953,006.00
Quarter dollars	2,152,719.00	1,594.00	2,154,313.00
20-cent pieces	6.40		6.40
Dimes	1,116,126.30	1,604.30	1,117,730.60
Half dimes	148.20	.30	148.50
3-cent pieces	41.76	.03	41.79
Total silver, face value	5,220,496.16	5,379.13	5,225,875.29
Nickel:			
5-cent pieces	396,558.35	64.55	396,622.90
3-cent pieces	11.22		11.22
1-cent pieces	8.01		8.01
Total nickel, face value	396,577.58	64.55	396,642.13
Bronze:			
2-cent pieces	25.36		25.36
1-cent pieces	64,227.24	40.26	64,267.50
Total bronze, face value	64,252.60	40.26	64,292.86
Copper:			
1-cent pieces	41.04		41.04
½-cent pieces	.01		.01
Total copper, face value	41.05		41.05
Total minor, face value	460,871.23	104.81	460,976.04
Total face value	6,124,556.89	1,010,913.44	7,135,470.33
SUMMARY			
Metal obtained by melting the above:	*Weight*	*Weight*	*Weight*
Gold—fine ounces	21,369.182	48,608.612	69,977.794
Silver—do	3,440,029.07	3,745.32	3,443,774.39
Nickel—gross ounces	1,208,947.40	199.05	1,209,146.45
Bronze—do	625,637.91	390.82	626,028.73
Copper—do	1,315.20		1,315.20
Monetary value of metal obtained:	*Value*	*Value*	*Value*
Gold [1]	$747,921.38	$1,701,301.46	$2,449,222.84
Silver	4,755,526.52	5,177.54	4,760,704.06
Nickel	376,009.18	61.84	376,071.02
Bronze	62,563.75	39.09	62,602.84
Copper	37.57		37.57
Total	5,942,058.40	1,706,579.93	7,648,638.33
Loss by recoinage:			
Gold			
Silver	464,969.64	201.59	465,171.23
Nickel	20,568.40	2.71	20,571.11
Bronze	1,688.85	1.17	1,690.02
Copper	3.48		3.48
Total	487,230.37	205.47	487,435.84

[1] At $35 per fine ounce.

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with

annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1939

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Deposit transactions:							
Acquisitions	7,517	19,192	5,163	15,368	2,312	4,167	53,719
Transfers	174	32	60	3	3	-------	272
Deposits for foreign coinage	37	-------	-------	-------	-------	-------	37
Total deposit transactions	7,728	19,224	5,223	15,371	2,315	4,167	54,028
Deposit assay determinations:							
Acquisitions	10,956	26,453	7,787	34,817	2,314	5,397	87,724
Transfers	174	23	2,041	-------	-------	-------	2,238
Deposits for foreign coinage	1,544	-------	-------	-------	-------	-------	1,544
Total deposit assay determinations	12,674	26,476	9,828	34,817	2,314	5,397	91,506

Deposits and purchases of gold during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	17.518	10,187.155
Alabama		
Arizona		51,667.950
California		934,756.219
Colorado		20.852
Georgia		
Idaho	3.788	8,835.360
Maryland	258.709	
Montana		36.188
Nevada		129,528.350
New Mexico		
North Carolina	730.127	
Oregon		24,219.524
South Carolina	12,384.012	
South Dakota		
Texas		
Utah		
Virginia	527.474	
Washington		579.242
Wyoming		6.441
Unallocated	6.662	
Philippine Islands		743,091.582
Puerto Rico		
Grains, receiving division	116.498	185.745
Total unrefined	14,044.788	1,903,114.608
Domestic refinery bullion:		
Less than 0.995 fine		
0.995 fine and over	.320	1,226,639.614
Total domestic purchases	14,045.108	3,129,754.222
Foreign coin	77.443	53.463
Foreign bullion:		
Crude	202.667	3,529,224.412
Refined		4,155,372.901
Jeweler's bars, dental scrap, etc	116,580.889	33,168.999
Total deposits purchased	130,906.107	10,847,573.997
REDEPOSITS PURCHASED		
Domestic coin	52.046	29.554
Bars stamped by U. S. Government		1,711,188.005
Surplus bullion (recoveries)	282.774	1,841.415
Total redeposits purchased	334.820	1,713,058.974
Total purchases	131,240.927	12,560,632.971
REDEPOSITS TRANSFERRED		
Domestic coin from other Treasury offices (melted)	17,886.204	
Foreign coin from other Treasury offices	13.426	
Refined bars		
Unrefined bars		
Proof bullion		205.530
Total redeposits transferred	17,899.630	205.530
Grand total, fine ounces	149,140.557	12,560,838.501
Value of—	*Value*	*Value*
Acquisitions at $20.67+ per ounce	$2,774.49	$2,285.15
Increment to $35 per ounce	1,923.05	1,583.99
Acquisitions at $35 per ounce	4,588,734.93	439,618,284.95
Domestic coin from other Treasury offices (melted)	626,017.16	
Foreign coin from other Treasury offices	469.93	
Other transfers		7,193.55
Total value at $35 per ounce	5,219,919.56	439,629,347.64

the fiscal year ended June 30, 1939

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
	27.143		588,398.162	598,629.978
		22.086		22.086
296.844				51,964.794
6.145			175.050	934,937.414
220,910.961		3.584	4.152	220,939.549
		574.402	3.062	577.464
23,827.061			28,041.472	60,707.681
				258.709
62,519.348			53,875.042	116,430.578
595.285			2.021	130,125.656
11,763.542		26.891		11,790.433
1.009				731.136
1,454.881			25,762.839	51,437.244
				12,384.012
47,352.137				47,352.137
1.160				1.160
8,903.157				8,903.157
				527.474
377.717			15,640.341	16,597.300
691.573			14.037	712.051
				6.662
				743,091.582
	26.597			26.597
108.413	58.191	3.557	95.349	567.753
378,809.233	111.931	630.520	712,011.527	3,008,722.607
			8,403.296	11,092.141
2,688.845			286.500	2,798,417.945
632,020.993	939,470.518			
1,013,519.071	939,582.449	630.520	720,701.323	5,818,232.693
27.263	685,675.203	71.101	.979	685,905.452
	11,009,049.884	1,320.023	879.768	14,540,676.754
	64,027,811.666		186.213	68,183,370.780
24,352.122	135,867.820	24,695.497	10,255.575	344,920.902
1,037,898.456	76,797,987.022	26,717.141	732,023.858	89,573,106.581
62.588	9,722.110	9.027	2.941	9,878.266
	841,504.805			2,552,692.810
359.738	1,567.773			4,051.700
422.326	852,794.688	9.027	2.941	2,566,622.776
1,038,320.782	77,650,781.710	26,726.168	732,026.799	92,139,729.357
				26,405.055
8,518.851				13.426
				1,492,020.992
1,492,020.992				765,584.258
765,584.258		20.000		275.530
50.000				
		20.000		2,284,299.261
2,266,174.101				
3,304,494.883	77,650,781.710	26,746.168	732,026.799	94,424,028.618
Value	*Value*	*Value*	*Value*	*Value*
$2,207.97	$202,879.15	$333.73	$254.24	$210,734.73
1,530.27	140,654.38	237.19	178.83	146,107.71
36,337,489.03	2,717,433,826.33	934,845.06	25,620,504.89	3,224,533,685.19
298,159.79				924,176.95
				469.93
		700.00		79,025,827.39
79,017,933.84				
		936,115.98	25,620,937.96	3,304,841,001.90
115,657,320.90	2,717,777,359.86			

Deposits and purchases of silver during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES		
Alaska	*Fine ounces*	*Fine ounces*
Alabama	2.39	1,846.66
Arizona		
California		106,081.27
Colorado		903,223.14
Georgia		5.97
Idaho		
Indiana	.70	3,163.75
Maryland	.29	
Montana	7.12	
Nevada		3.71
New Mexico		1,068,078.24
North Carolina		
Oregon	40.83	
South Carolina		3,486.85
South Dakota	32.94	
Texas		
Utah		
Virginia		
Washington	95.15	
Wyoming		2,464.96
Unallocated		.39
Philippine Islands	.09	
Puerto Rico		836,742.12
Grains, receiving division		
Total unrefined	59.43	85.78
Domestic refinery bullion:		
Less than 0.996 fine	238.94	2,925,182.84
0.996 fine and over	3,360.64	
Total domestic purchases	35,170,218.69	22,479,989.08
Foreign coin	35,173,818.27	25,405,171.92
Foreign bullion:	.15	.42
Crude		
Refined	21.25	71,094.66
Jeweler's bars, dental scrap, etc	1,600.17	47,344,419.54
Total deposits purchased	34,408.42	29,556.65
	35,209,848.26	72,850,243.19
REDEPOSITS PURCHASED		
Domestic coin purchased as bullion	2,979.21	217.58
Surplus bullion (recoveries)	2,427.39	4,534.38
Total redeposits purchased	5,406.60	4,751.96
Total purchases	35,215,254.86	72,854,995.15
REDEPOSITS TRANSFERRED		
Domestic coins from Treasury		
Domestic assay pieces	2,447,634.18	254,162.18
Unrefined bars	136.04	
Proof and inquartation silver		
Total redeposits transferred		25.00
	2,447,770.22	254,187.18
DEPOSITED FOR FOREIGN COINAGE		
Refined bullion from domestic refineries	9,876,793.82	
Foreign bullion refined	5,644,943.55	
Total deposits for foreign coinage	15,521,737.37	
Grand total, fine ounces	53,184,762.45	73,109,182.33
Value—		
Cost of acquisitions	*Value*	*Value*
Cost of bullion transferred	$23,255,036.95	$36,840,120.16
Subsidiary coining value of transferred domestic coin		11.25
Monetary value (at $1.29+ per fine ounce) of bullion transferred	3,383,819.16	351,356.03
Monetary value (at $1.29+ per fine ounce) of silver acquired		32.32
	45,530,834.57	94,196,357.37

the fiscal year ended June 30, 1939

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
46,884.27	3.99		24,908.19	73,645.50
		3.08		3.08
65.58				106,146.85
.68			74.41	903,298.23
105,256.49		.78	2.56	105,265.80
		51.62	.26	51.88
11,125.68			3,212.98	17,503.11
				.29
				7.12
90,152.48			2,942.29	93,098.48
234.22			.44	1,068,312.90
427,100.18		9.74		427,109.92
.01				40.84
1,943.56			1,298.67	6,729.08
				32.94
46,258.63				46,258.63
.59				.59
1,146.66				1,146.66
				95.15
28,225.87			397.98	31,088.81
93.65			2.18	96.22
				.09
60,941.38				897,683.50
	2.73			2.73
40.69	17.40	1.06	39.41	243.77
819,470.62	24.12	66.28	32,879.37	3,777,862.17
122,646.07			20.42	126,027.13
1,683,901.47	60,722.77			59,394,832.01
2,626,018.16	60,746.89	66.28	32,899.79	63,298,721.31
	15.03	1.63		17.23
	100,627.48	299.80		172,043.19
	305,407,625.72			352,753,645.43
8,170.08	70,888.27	7,159.84	2,739.49	152,922.75
2,634,188.24	305,639,903.39	7,527.55	35,639.28	416,377,349.91
390.75	4.61			3,592.15
3,438.72	622.90			11,023.39
3,829.47	627.51			14,615.54
2,638,017.71	305,640,530.90	7,527.55	35,639.28	416,391,965.45
502,121.66				3,203,918.02
				136.04
				44,379.04
44,379.04	5,043.79	274.73		5,343.52
546,500.70	5,043.79	274.73		3,253,776.62
				9,876,793.82
				5,644,943.55
				15,521,737.37
3,184,518.41	305,645,574.69	7,802.28	35,639.28	435,167,479.44
Value	*Value*	*Value*	*Value*	*Value*
$1,701,970.63	$132,736,522.51	$3,159.27	$14,964.44	$194,551,773.96
18,643.90	2,262.50	123.09		21,040.74
694,137.42				4,429,312.61
57,378.96	6,521.27	355.20		64,287.75
3,410,770.37	395,171,595.53	9,732.59	46,079.07	538,365,369.50

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–10	1,027,923,621	24,424,006	292,990,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921–25	377,017,522	11,540,452	1,407,812,217	400,701,903	66,370,352	2,263,442,476
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 [2]	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,002	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938	209,045,356	[3] 3,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
1939	292,962,521	[3] 1,269,916	2,895,341,664	24,007,161	12,233,912	3,225,815,174
Total	6,606,039,438	2,869,766,537	11,477,212,729	2,035,690,434	514,706,002	23,503,415,140

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are calculated on the basis of $35 per fine ounce: prior thereto on the basis of $20.67+ per fine ounce.
[3] Includes coin converted into bullion.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of silver deposited							Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–80	134,328,580	936,884	----------	9,650,739	----------	2,432,822	1,485,882	148,834,907
1881–90	262,693,183	9,520,744	----------	13,592,062	----------	6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524	----------	10,741,204	----------	3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,003,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–20	75,026,914	18,198,526	708	19,881,277	[3] 4,288,901	17,880,262	7,687,482	142,964,070
1921–30	218,245,969	20,522,169	----------	22,242,803	----------	6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196	----------	1,333,817	----------	78,174	583,107	7,176,510
1932	594,613	4,937,134	----------	989,943	----------	365,720	679,242	7,566,652
1933	567,579	5,580,855	----------	627,680	----------	5,594	728,225	7,509,933
1934	10,909,547	5,026,105	----------	21,488,552	----------	17,468	586,358	38,028,030
1935	[4] 140,540,635	5,840,287	----------	294,409,533	[5] 42,324	165,433	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179	----------	558,830,375	[5] 1,241	1,000,917	630,566	614,375,240
1937	[4] 63,251,692	3,997,293	----------	163,237,051	----------	867	249,816	230,736,719
1938	69,031,701	3,644,595	----------	337,409,003	----------	577	217,188	410,303,064
1939	63,298,478	3,207,646	----------	352,925,689	----------	17	164,190	419,596,020
Total	1,373,938,993	139,033,904	618,724	1,826,363,470	36,927,425	46,869,626	39,261,947	3,463,014,089

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1939

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
Gold:			
	Face amount	*Face amount*	*Face amount*
Dougle eagles	$500,880.00	$2,620.00	$503,500.00
Eagles	116,700.00	710.00	117,410.00
Half eagles	105,255.00	465.00	105,720.00
Quarter eagles	24,302.50	422.50	24,725.00
3-dollar pieces	111.00	45.00	156.00
1-dollar pieces	292.00	172.00	464.00
Total gold, face amount	747,540.50	4,434.50	751,975.00
Total value of gold content at $20.67+ per ounce	745,701.56	4,339.33	750,040.89
Silver:			
Trade dollars		41.00	41.00
Standard dollars		629.00	629.00
Half dollars	1,936,958.50	1,481.50	1,938,440.00
Quarter dollars	1,946,071.40	1,508.75	1,947,580.15
20-cent pieces	5.80		5.80
Dimes	973,202.70	1,695.90	974,898.60
Half dimes	125.30	.65	125.95
3-cent pieces	52.20	.03	52.23
Total silver, face amount	4,856,415.90	5,356.83	4,861,772.73
Nickel:			
5-cent pieces	437,607.90	10.95	437,618.85
3-cent pieces	47.76		47.76
1-cent pieces	22.18		22.18
Total nickel, face amount	437,677.84	10.95	437,688.79
Bronze:			
2-cent pieces	69.16	81.50	150.66
1-cent pieces	108,498.68	21.23	108,519.91
Total bronze, face amount	108,567.84	102.73	108,670.57
Copper:			
1-cent pieces	52.16		52.16
½-cent pieces			
Total copper, face amount	52.16		52.16
Total minor, face amount	546,297.84	113.68	546,411.52
Total face amount	6,150,254.24	9,905.01	6,160,159.25

SUMMARY

Meta obtained by melting the above:	*Weights*	*Weights*	*Weights*
Gold, fine ounces	36,073.313	209.915	36,283.228
Silver, do	3,203,918.02	3,728.19	3,207,646.21
Nickel, gross ounces	1,336,432.78	34.70	1,336,467.48
Bronze, do	1,060,162.15	1,013.93	1,061,176.08
Copper, do	1,901.55		1,901.55
Monetary value of metal obtained:	*Value*	*Value*	*Value*
Gold [1]	$1,262,565.97	$7,347.06	$1,269,913.03
Silver	4,429,124.54	5,153.86	4,434,278.40
Nickel	415,626.93	10.78	415,637.71
Bronze	106,016.20	101.39	106,117.59
Copper	50.63		50.63
Total	6,213,384.27	12,613.09	6,225,997.36
Loss by recoinage:			
Silver	427,291.36	202.97	427,494.33
Nickel	22,050.91	.17	22,051.08
Bronze	2,551.64	1.34	2,552.98
Copper	1.53		1.53
Total	451,895.44	204.48	452,099.92

[1] At $35 per fine ounce.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1930	$1,329
1891–1900	106,188	1931	1,193
1901–10	14,939	1932	442
1911–20	13,986	1933	513
1921	948	1934	504
1922	2,447	1935	649
1923	2,635	1936	638
1924	1,918	1937	339
1925	1,773	1938	607
1926	2,594	1939	629
1927	3,638		
1928	1,394	Total	227,992
1929	852		

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1930	$4,347,695	$3,944,682	$403,013
1901–10	20,479,140	19,225,132	1,254,008	1931	5,487,496	4,997,679	489,817
1911–20	[2] 26,181,212	25,525,323	655,889	1932	7,482,437	6,825,156	657,281
1921	[2] 746,284	702,116	44,168	1933	8,467,446	7,715,023	752,423
1922	2,571,425	2,398,058	173,367	1934	7,563,736	6,948,272	615,464
1923	3,508,345	3,272,750	235,595	1935	8,828,214	8,074,032	754,182
1924	2,224,110	2,063,050	161,060	1936	7,200,195	6,587,520	612,675
1925	2,650,726	2,438,878	211,848	1937	6,026,887	5,526,508	500,379
1926	2,746,730	2,527,848	218,882	1938	5,514,687	5,038,320	476,367
1927	3,936,868	3,637,021	299,847	1939	4,861,773	4,434,279	427,494
1928	4,224,510	3,896,122	328,388				
1929	3,803,020	3,489,500	313,520	Total	193,826,304	181,829,552	11,996,752

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1939

[On quantity basis; see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$1,201,375	$187,187,000		$188,388,375	5,382,525
Mexico	3,771,670	16,760,835	$1,618,855	22,151,360	632,896
Cuba	4,445		497,280	501,725	14,335
Dominican Republic	286,160			286,160	8,176
British West Indies	12,845			12,845	367
Other North American countries	4,550			4,550	130
Central America	1,321,985	229,320	2,695	1,554,000	44,400
South America:					
Brazil		3,604,300		3,604,300	102,980
Chile	1,729,175			1,729,175	49,405
Colombia	20,854,330		4,480	20,858,810	595,966
Ecuador	831,285		24,640	855,925	24,455
Peru	6,090	350,560	6,160	362,810	10,366
Venezuela	2,927,085			2,927,085	83,631
Other South American countries	14,105			14,105	403
Europe:					
Austria			9,980,670	9,980,670	285,162
Belgium	84,525	26,672,485		26,757,010	764,486
France	117,961,760	170,525,950	735	288,488,445	8,242,527
Germany	25,047,855	29,718,640	10,761,520	65,528,015	1,872,229
Great Britain	169,265,600	1,668,842,210	782,530	1,838,890,340	52,539,724
Netherlands	9,289,105	34,764,905	11,550	44,065,560	1,259,016
Spain			236,775	236,775	6,765
Switzerland	9,051,665	15,499,855	4,760	24,556,280	701,608
Other European countries	595	1,715	43,855	46,165	1,319
Europe and Asia: Union of Soviet Socialist Republics		80,309,950	6,090	80,316,040	2,294,744
Asia:					
China	17,418,205	1,463,980		18,882,185	539,491
Dutch East Indies	191,135	64,995		256,130	7,318
India	21,666,995	984,200		22,651,195	647,177
Japan	100,309,755	90,808,410		191,118,165	5,460,519
Straits Settlements	160,615	9,065		169,680	4,848
Other Asiatic countries			35	35	1
Oceania:					
Australia	4,958,135	58,619,575		63,577,710	1,816,506
New Zealand	546,805			546,805	15,623
Unallocated	5,845		24,535	30,380	868
Total value	508,923,695	2,386,417,950	24,007,165	2,919,348,810	
Total ounces	14,540,677	68,183,370	685,919		83,409,966

Deposits of foreign silver bullion and coin during the fiscal year 1939 [1]

[On quantity basis; see p. 48]

Country	Fine ounces	Subsidiary coining value at $1.38+ per fine ounce
Refined bullion:		
Mexico	25,051	$34,631
France	10,142	14,020
Crude bullion:		
North America:		
Mexico	43,109	59,594
Cuba	20	28
Dominican Republic	748	1,034
British West Indies	49	68
Other North American countries	30	41
Central America:		
Costa Rica	16,956	23,440
Salvador	1,378	1,905
Other Central American countries	8,308	11,485
South America:		
Chile	5,543	7,663
Colombia	5,737	7,931
Ecuador	4,342	6,002
Peru	16	22
South America:—Contd.		
Venezuela	4,883	6,750
Other South American countries	62	86
Europe	92	127
Asia:		
China	7,627	10,544
Dutch East Indies	382	528
India	22,166	30,642
Japan	10,604	14,659
Straits Settlements	577	798
Oceania:		
Australia	38,856	53,715
New Zealand	540	747
Unallocated	18	25
Mixed foreign coin	17	23
Total fine ounces	207,253	
Total subsidiary coinage value		286,508

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 352,718,452 fine ounces for the fiscal year 1939.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 15,521,737 fine ounces not included in the above table and consisted of: Refined silver from domestic refineries, 9,876,794 fine ounces; British Indian refined, 92,299 fine ounces; Canadian refined, 61,642 fine ounces; Czechoslovakian refined, 302,219 fine ounces; French refined, 1,037,047 fine ounces; German refined, 88,801 fine ounces; Great Britain refined, 1,867,217 fine ounces; Japanese refined, 723,491 fine ounces; Belgian refined, 628,900 fine ounces; Netherlands refined, 3,110 fine ounces; miscellaneous foreign refined, Mexican refined, 286,368 fine ounces; 553,849 fine ounces.

Summary of exports and imports of gold and silver, fiscal year ended June 30, 1939

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$574,420	$3,752,560,464	$14,096,900	$174,526,409
In ore and base bullion	424,037	85,572,203	240,051	24,505,857
Refined bullion	150,383	3,650,418,556	3,329,429	82,945,879
Coin:				
United States		837	10,092	292,639
Foreign		16,568,868	10,517,328	66,782,034

Imports and exports of United States gold coin, by fiscal years, since 1870 [1]

[From United States import and export statistics]

Fiscal year ended June 30 [2]—	Imports	Exports	Fiscal year ended June 30 [2]—	Imports	Exports
1870–77		$281,207,579	1929	$76,599,592	$31,534,493
1878–80	$29,188,201	12,235,535	1930	94,996,631	2,732,549
1881–90	43,747,793	71,195,757	1931	253,371,606	39,629,056
1891–1900	190,825,938	499,724,320	1932	196,539,282	163,863,560
1901–10	148,038,281	329,838,094	1933	15,174,963	13,831,425
1911–20	305,377,828	1,123,309,631	1934	5,551,429	4,556,500
1921	29,537,408	107,572,881	1935	6,824,149	
1922	19,184,697	17,410,199	1936	184,123	10
1923	27,745,568	29,177,479	1937	1,605	
1924	26,058,570	6,874,930	1938	405	
1925	14,302,999	122,213,657	1939	837	
1926	53,171,273	99,785,784			
1927	73,379,780	78,880,733	Total	1,643,639,258	3,288,149,544
1928	33,836,300	252,575,372	Net exports		1,644,510,286

[1] After Jan. 31, 1934, data are calculated on the basis of $35 per fine ounce for gold content of coin; prior to that date calculated at $20.67+ per fine ounce of gold.

[2] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,580,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,117,412		1,116,583,891
1937			46,020,018	1,621,523,270		1,575,503,252
1938			5,888,904	1,979,457,519		1,973,568,615
Total			6,769,686,530	16,222,698,232	1,191,187,150	10,644,198,852
Net imports						9,453,011,702

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Silver imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	108,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	76,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,530		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,551,336	102,725,135		86,173,799
1935			18,801,291	354,531,001		335,729,710
1936			2,965,493	182,816,199		179,850,706
1937			12,042,339	91,876,984		79,834,645
1938			7,082,153	230,531,137		223,448,984
Total			3,495,890,388	3,112,931,501	1,358,810,819	975,851,932
Net exports					382,958,887	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold [2]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [3]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
1939			7,978,145		11,029,058
Total	181,073,828	3,743,128,177	1,065,707,153	884,572,989	526,674,574

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1937	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900		
Do	Feb. 12, 1873	516	900	174,105,606	3,482,112,120.00
Eagle ($10)	Apr. 2, 1792	270	916⅔		
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900	57,683,485	576,834,850.00
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔		
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔		
Do.[2]	June 28, 1834	64.5	899.225		
Do.[2]	Jan. 18, 1837	64.5	900	20,216,590	50,541,475.00
Do.[2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

[2] Discontinued by act of Apr. 11, 1930.

[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1938	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do.[1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900		
Do	July 14, 1890	412½	900	855, 611, 127	[2] $855, 611, 127.00
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3] [4]	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900		
Do	Feb. 21, 1853	192	900	522, 271, 493	261, 135, 746.50
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015.00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029.00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	900	300, 165	150, 082.50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014.00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 099	81, 049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100.00
Fort Vancouver	do	192.9	900	50, 028	25, 014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017.00
Oregon Trail	May 17, 1926	192.9	900	255, 406	127, 703.00
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004.00
Texas Centennial	June 15, 1933	192.9	900	304, 193	152, 096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	108, 603	54, 301.50
Maryland Tercentennial	May 9, 1934	192.9	900	25, 015	12, 507.50
Arkansas Centennial	May 14, 1934	192.9	900	113, 853	56, 926.50
Connecticut Tercentennial	June 21, 1934	192.9	900	25, 018	12, 509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10, 008	5, 004.00
Providence, R. I., Tercentennial	do	192.9	900	50, 034	25, 017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430, 224	215, 112.00
Old Spanish Trail	June 5, 1935	192.9	900	10, 008	5, 004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25, 023	12, 511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15, 016	7, 508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100, 053	50, 026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50, 030	25, 015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25, 015	12, 507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25, 015	12, 507.50
Wisconsin Centennial	do	192.9	900	25, 015	12, 507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25, 015	12, 507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:		
Act Apr. 2, 1792:		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	
		$1, 440, 517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6, 590, 721
Act Feb. 28, 1878 (Bland-Allison Act)		378, 166, 793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause	$36, 087, 285	
thereof Oct. 31, 1893	42, 139, 872	
Act Nov. 1, 1893, to June 12, 1898	108, 800, 188	
		187, 027, 345
Act June 13, 1898, war revenue bill		5, 078, 472
Act Mar. 3, 1887 and 1891, trade-dollar conversion		
Act Apr. 23, 1918, Pittman Act replacement:	$86, 730, 000	
Old design, since Feb. 21, 1921	183, 502, 722	
Peace dollar, since Dec. 21, 1921		270, 232, 722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7, 021, 528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53, 029
Total		855, 611, 127

Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[3] Coinage limited to export demand by joint resolution July 22, 1876.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1938	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	----do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	----do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	----do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4		
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900	830,053,417	207,513,354.25
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4		
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900	1,742,416,411	174,241,641.10
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4		
Do.[10]	Jan. 18, 1837	20⅝	900	97,604,388	4,880,219.40
Do.[10]	Feb. 21, 1853	19.2	900		
3 cents [10]	Mar. 3, 1851	12⅜	750	42,736,240	1,282,087.20
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver				4,139,973,085	1,546,895,649.20

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition	Total coined to Dec. 31, 1938	
		Grains	*Thousandths*	*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	(3)	1,972,038,319	$98,601,915.95
Do	Feb. 12, 1873				
3 cents (nickel) [1]	Mar. 3, 1865	30	(3)	31,378,316	941,349.48
Do.[1]	Feb. 12, 1873	30	(3)		
2 cents (bronze) [2]	Apr. 22, 1864	96	(4)	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264			
Do	Jan. 14, 1793	208	(5)	175,850,744	1,758,507.44
Do.[6]	Jan. 26, 1796	186			
Do.[7]	Jan. 18, 1837	168			
Cent (nickel) [8]	Feb. 21, 1857	72	(9)	200,772,000	2,007,720.00
Cent (bronze)	Apr. 22, 1864	48	(4)	7,291,971,306	72,919,713.06
Do	Feb. 12, 1873	48	(4)		
Half cent (copper)	Apr. 2, 1792	132			
Do	Jan. 14, 1793	104	(5)	7,985,222	39,926.11
Do.[6]	Jan. 25, 1796	84			
Do.[7]	Jan. 18, 1837	84			
Total minor				9,725,596,907	177,181,152.04
Total coinage				14,217,115,350	6,250,295,278.74

[1] Discontinued by act of Sept. 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Discontinued by act of Apr. 22, 1864.
[9] Composed of 88 percent copper and 12 percent nickel.

Coinage of each mint, by face amount, with grand total pieces

Denomination	Philadelphia, 1793–1938	San Francisco, 1854–1938	Denver, 1906–38
Gold:			
50 dollars		$150,950.00	
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00
Eagles	345,549,320 00	145,584,060.00	59,092,800.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00
3 dollars	1,357,716.00	186,300.00	
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00
Dollars	18,573,821.00	115,266.00	
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00
Silver:			
Dollars	423,758,122.00	183,504,073.00	47,406,100.00
Trade dollars	5,107,524.00	26,647,000.00	
Half dollars	147,574,078.50	56,989,295.00	19,735,239.50
Quarter dollars	143,386,677.75	25,078,534.25	21,393,200.00
20 cents	11,342.00	231,000.00	
Dimes	119,257,240.80	25,629,518.90	20,456,780.00
Half dimes	3,948,791.90	119,100.00	
3 cents	1,260,487.20		
Total silver	844,304,264.15	318,198,521.15	108,991,319.50
Minor:			
5 cents	83,015,550.95	6,137,950.00	9,448,415.00
3 cents	941,349.48		
2 cents	912,020.00		
1 cent	63,529,380.50	6,000,500.00	7,156,060.00
Half cent	39,926.11		
Total minor	148,438,227.04	12,138,450.00	16,604,475.00
Total face amount	3,034,087,880.69	2,381,090,404.65	476,016,094.50
Total pieces	10,893,091,945	1,538,740,833	1,306,983,099

since organization to close of business Dec. 31, 1938

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total, face amount	Total pieces
				$150, 950. 00	3, 019
$16, 375, 500. 00	$17, 283, 560. 00			3, 482, 112, 120. 00	174, 105, 606
23, 610, 890. 00	2, 997, 780. 00			576, 834, 850. 00	57, 683, 485
4, 618, 625. 00	3, 548, 085. 00	$4, 405, 135. 00	$5, 536, 055. 00	394, 559, 345. 00	78, 911, 869
72, 000. 00			3, 360. 00	1, 619, 376. 00	539, 792
3, 023, 157. 50		544, 915. 00	494, 625. 00	51, 067, 082. 50	20, 426, 833
1, 004, 000. 00		109, 138. 00	72, 529. 00	19, 874, 754. 00	19, 874, 754
48, 704, 172. 50	23, 829, 425. 00	5, 059, 188. 00	6, 106, 569. 00	4, 526, 218, 477. 50	351, 545, 358
				855, 661, 153. 00	855, 661, 153
187, 111, 529. 00	13, 881, 329. 00			35, 965, 924. 00	35, 965, 924
	4, 211, 400. 00			267, 070, 264. 50	534, 140, 529
40, 117, 338. 00	2, 654, 313. 50			207, 523, 360. 00	830, 093, 440
15, 085, 750. 00	2, 579, 198. 00			271, 000. 00	1, 355, 000
	28, 658. 00			174, 241, 641. 10	1, 742, 416, 411
6, 807, 990. 60	2, 090, 110. 80			4, 880, 219. 40	97, 604, 388
812, 327. 50				1, 282, 087. 20	42, 736, 240
21, 600. 00					
249, 956, 535. 10	25, 445, 009. 30			1, 546, 895, 649. 20	4, 139, 973, 085
				98, 601, 915. 95	1, 972, 038, 319
				941, 349. 48	31, 378, 316
				912, 020. 00	45, 601, 000
				76, 685, 940. 50	7, 668, 594, 050
				39, 926. 11	7, 985, 222
				177, 181, 152. 04	9, 725, 596, 907
298, 660, 707. 60	49, 274, 434. 30	5, 059, 188. 00	6, 106, 569. 00	6. 250, 295, 278. 74	14, 217, 115, 350
419, 076, 513	56, 636, 119	1, 208, 131	1, 378, 710		

Coinage of each mint during

BY NUMBER

Mint	1929	1930	1931	1932
Philadelphia: Gold	2,973,750		2,938,250	5,564,750
Silver	37,110,000	12,402,000	3,150,000	5,404,000
Minor	221,708,000	180,264,000	19,396,000	9,062,000
Total	261,791,750	192,666,000	25,484,250	20,030,750
San Francisco: Gold		170,000		
Silver	8,396,000	3,399,000	1,800,000	408,000
Minor	57,902,000	29,721,000	2,066,000	
Total	66,298,000	33,290,000	3,866,000	408,000
Denver: Gold			106,500	
Silver	7,393,200		1,260,000	436,800
Minor	50,100,000	40,100,000	4,480,000	10,500,000
Total	57,493,200	40,100,000	5,846,500	10,936,800
All mints: Grand total pieces	385,582,950	266,056,000	35,196,750	31,375,550

BY FACE AMOUNT

Mint and denomination	1929	1930	1931	1932
PHILADELPHIA				
Gold: Double eagles	$35,595,000		$58,765,000	$22,035,000
Eagles				44,630,000
Half eagles	3,310,000			
Quarter eagles	1,330,000			
Total gold	40,235,000		58,765,000	66,665,000
Silver: Dollars				
Half dollars				
Quarter dollars	2,785,000	$1,408,000		1,351,000
Dimes	2,597,000	677,000	315,000	
Total silver	5,382,000	2,085,000	315,000	1,351,000
Minor: 5 cents	1,822,300	1,142,450		
1 cent	1,852,620	1,574,150	193,960	90,620
Total minor	3,674,920	2,716,600	193,960	90,620
Total face amount	49,291,920	4,801,600	59,273,960	68,106,620
SAN FRANCISCO				
Gold: Double eagles		1,480,000		
Eagles		960,000		
Total gold		2,440,000		
Silver: Dollars				
Half dollars	951,000			
Quarter dollars	441,000	389,000		102,000
Dimes	473,000	184,300	180,000	
Total silver	1,865,000	573,300	180,000	102,000
Minor: 5 cents	387,700	271,750	60,000	
1 cent	501,480	242,860	8,660	
Total minor	889,180	514,610	68,660	
Total face amount	2,754,180	3,527,910	248,660	102,000
DENVER				
Gold: Double eagles			2,130,000	
Silver: Dollars				
Half dollars	500,600			
Quarter dollars	339,500			109,200
Dimes	503,400		126,000	
Total silver	1,343,500		126,000	109,200
Minor: 5 cents	418,500			
1 cent	417,300	401,000	44,800	105,000
Total minor	835,800	401,000	44,800	105,000
Total face amount	2,179,300	401,000	2,300,800	214,200
ALL MINTS				
Grand total face amount	54,225,400	8,730,510	61,823,420	68,422,820

the past 10 calendar years

OF PIECES

1933	1934	1935	1936	1937	1938	Total
758,000						12,234,750
	64,150,244	102,140,072	141,772,083	86,398,955	35,818,947	428,346,301
14,360,000	239,293,003	303,652,000	428,638,989	388,665,089	176,212,099	1,981,251,180
15,118,000	303,443,247	405,792,072	570,411,072	475,064,044	212,031,046	2,481,832,231
						170,000
1,786,000	4,663,000	27,590,655	17,080,111	13,500,519	10,944,024	89,567,309
		49,002,000	44,060,000	40,135,000	19,285,000	242,171,000
1,786,000	4,663,000	76,592,655	61,140,111	53,635,519	30,229,024	331,908,309
						106,500
5,250	14,237,106	19,283,320	25,991,538	23,044,625	6,050,620	97,702,459
6,200,000	35,926,000	59,092,000	65,434,000	68,256,000	32,406,000	372,494,000
6,205,250	50,163,106	78,375,320	91,425,538	91,300,625	38,456,620	470,302,959
23,109,250	358,269,353	560,760,047	722,976,721	620,000,188	280,716,690	3,284,043,499

AND DENOMINATION

1933	1934	1935	1936	1937	1938	Total
						$125,305,000.00
$8,910,000						47,755,000.00
3,125,000						3,310,000.00
						1,330,000.00
						177,700,000.00
12,035,000						2,530,057.00
	$954,057.00	$1,576,000.00	$6,482,058.00	$4,915,828.50	$2,070,087.00	21,695,077.00
	3,602,067.50	4,625,036.00	10,325,959.25	4,925,385.50	2,370,011.25	39,264,369.00
	7,978,013.00	8,121,000.00	8,750,413.00	5,686,575.60	2,219,872.80	28,536,861.40
	2,408,000.00	5,883,000.00				
	14,942,137.50	20,205,036.00	25,558,430.25	15,527,789.60	6,659,971.05	92,026,364.40
						975,768.25
	1,010,650.15	2,913,200.00	5,950,071.00	3,974,288.45	1,566,967.34	17,788,727.85
143,600	2,190,800.00	2,453,880.00	3,096,375.69	3,091,793.20		16,254,766.23
143,600	3,201,450.15	5,367,080.00	9,046,446.69	7,066,081.65	2,542,735.59	34,043,494.08
12,178,600	18,143,587.65	25,572,116.00	34,604,876.94	22,593,871.25	9,202,706.64	303,769,858.48
						1,480,000.00
						960,000.00
						2,440,000.00
						2,975,000.00
	1,011,000.00	1,964,000.00	2,021,055.50	1,054,259.50	11,012.00	8,819,654.50
893,000	1,826,000.00	2,063,327.50	957,000.00	413,000.00	708,000.00	4,425,000.00
		1,415,000.00	921,000.00	974,000.00	809,000.00	5,125,300.00
		1,584,000.00				
893,000	2,837,000.00	7,026,327.50	3,899,055.50	2,441,259.50	1,528,012.00	21,344,954.50
		515,000.00	746,500.00	281,750.00	205,250.00	2,467,950.00
		387,020.00	291,300.00	345,000.00	151,800.00	1,928,120.00
		902,020.00	1,037,800.00	626,750.00	357,050.00	4,396,070.00
893,000	2,837,000.00	7,928,347.50	4,936,855.50	3,068,009.50	1,885,062.00	28,181,024.50
						2,130,000.00
						1,569,500.00
	1,569,500.00	1,513,160.00	2,242,769.00	854,512.50	256,810.00	6,554,679.50
2,625	1,184,203.00	1,445,000.00	1,343,500.00	1,797,400.00		5,916,400.00
	881,800.00	1,047,700.00	1,613,200.00	1,414,600.00	553,700.00	5,935,800.00
	677,200.00				810,510.00	19,976,379.50
2,625	4,312,703.00	4,005,860.00	5,199,469.00	4,066,512.50		
	374,000.00	604,600.00	1,240,700.00	891,300.00	619,800.00	4,148,900.00
62,000	284,460.00	470,000.00	406,200.00	504,300.00	200,100.00	2,895,160.00
62,000	658,460.00	1,074,600.00	1,646,900.00	1,395,600.00	819,900.00	7,044,060.00
64,625	4,971,163.00	5,080,460.00	6,846,369.00	5,462,112.50	1,630,410.00	29,150,439.50
13,136,225	25,951,750.65	38,580,923.50	46,388,101.44	31,123,993.25	12,718,178.64	361,101,322.48

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,635		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,689,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	[2] 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,856,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	[3] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[3] 25,034
1916		15,920,000	1,335,000	1,200,000			[5] 20,026
1917							[5] 10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					[6] 10,016
1922		80,670,000					
1923		45,365,000					
1924		206,010,000				1,445,000.00	
1925		190,935,000				[7] 1,615,565.00	
1926		66,785,000	10,140,000			970,000.00	
1927		124,675,000				1,040,000.00	
1928		176,320,000		3,310,000		1,330,000.00	
1929		35,595,000	960,000				
1930		1,480,000					
1931		60,895,000	44,630,000				
1932		22,035,000	3,125,000				
1933		8,910,000					
1934 [8]							
Total:							
1874–1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered * * * All gold coin of the United States shall be withdrawn from circulation, and, by the United States together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

Combined silver coinage[1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		$1,758	$2,650.00				
1795		203,033	158,922.00				
1796		72,920		$1,473.50	$2,213.50	$4,320.80	
1797		7,776	1,959.00	63.00	2,526.10	511.50	
1798		327,536			2,755.00	2,226.35	
1799		423,515					
1800		220,920					
1801		54,454	15,144.50		2,176.00	1,200.00	
1802		41,650	14,945.00		3,464.00	1,695.50	
1803		66,064	15,857.50		1,097.50	650.50	
1804		19,570	78,259.50	1,684.50	3,304.00	1,892.50	
1805		321	105,861.00	30,348.50	826.50		
1806			419,788.00	51,531.00	12,078.00	780.00	
1807			525,788.00	55,160.75			
1808			684,300.00		16,500.00		
1809			702,905.00				
1810			638,138.00		4,471.00		
1811			601,822.00		635.50		
1812			814,029.50		6,518.00		
1813			620,951.50				
1814			519,537.50				
1815					42,150.00		
1816				17,308.00			
1817			23,575.00	5,000.75			
1818			607,783.50				
1819			980,161.00	90,293.50			
1820			1,104,000.00	36,000.00			
1821			375,561.00	31,861.00	94,258.70		
1822			652,898.50	54,212.75	118,651.20		
1823			779,786.50	16,020.00	10,000.00		
1824			847,100.00	4,450.00	44,000.00		
1825			1,752,477.00				
1826			1,471,583.00	42,000.00	51,000.00		
1827			2,002,090.00				
1828			2,746,700.00	1,000.00	121,500.00		
1829			1,537,600.00	25,500.00	12,500.00		
1830			1,856,078.00		77,000.00	61,500.00	
1831			2,382,400.00		51,000.00	62,000.00	
1832			2,936,830.00	99,500.00	77,135.00	62,135.00	
1833			2,398,500.00	80,000.00	52,250.00	48,250.00	
1834			2,603,000.00	39,000.00	48,500.00	68,500.00	
1835			3,206,002.00	71,500.00	63,500.00	74,000.00	
1836		1,000	2,676,003.00	488,000.00	141,000.00	138,000.00	
1837			3,273,100.00	118,000.00	119,000.00	95,000.00	
1838			1,814,910.00	63,100.00	104,200.00	113,800.00	
1839		300	1,773,000.00	208,000.00	239,493.40	112,750.00	
1840		61,005	1,748,768.00	122,786.50	229,638.70	108,285.00	
1841		173,000	1,145,054.00	153,331.75	253,358.00	113,954.25	
1842		184,618	355,500.00	143,000.00	363,000.00	98,250.00	
1843		165,100	1,484,882.00	214,250.00	390,750.00	58,250.00	
1844		20,000	3,056,000.00	403,400.00	152,000.00	58,250.00	
1845		24,500	1,885,500.00	290,300.00	7,250.00	32,500.00	
1846		169,600	1,341,500.00	230,500.00	198,500.00	78,200.00	
1847		140,750	2,257,000.00	127,500.00	3,130.00	1,350.00	
1848		15,000	1,870,000.00	275,500.00	24,500.00	63,700.00	
1849		62,600	1,880,000.00	36,500.00	45,150.00	63,400.00	
1850		47,500	1,781,000.00	85,000.00	113,900.00	72,450.00	
1851		1,300	1,341,500.00	150,700.00	244,150.00	82,250.00	
1852		1,100	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1853		46,110	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1854		33,140	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1855		26,000	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1856		63,500	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1857		94,000	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1858			1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1859			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1860		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1861		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1862		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1863		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1864		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1865		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1866		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1867		49,625	899,812.50	11,381.25	14,272.50	6,536.25	681.75
1868		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1869		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1870		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1871		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1872		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1873	$1,225,000	1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
Total: 1793–1873	1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
		8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000	----------	$1,406,650.00	$215,975.00	$319,151.70	----------	----------
1875 [1]	6,279,600	----------	5,117,750.00	1,278,375.00	2,406,570.00	----------	----------
1876 [1]	6,192,150	----------	7,451,575.00	7,839,287.50	3,015,115.00	----------	----------
1877 [1]	13,092,710	----------	7,540,255.00	6,024,927.50	1,735,051.00	----------	----------
1878 [1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00	----------	----------
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00	----------	----------
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50	----------	----------
1881	960	27,927,975	5,487.50	3,243.75	2,497.50	----------	----------
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00	----------	----------
1883	979	28,470,039	4,519.50	3,859.75	767,571.20	----------	----------
1884	----------	28,136,875	2,637.50	2,218.75	393,134.90	----------	----------
1885	----------	28,697,767	3,065.00	3,632.50	257,711.70	----------	----------
1886	----------	31,423,886	2,943.00	1,471.50	658,409.40	----------	----------
1887	----------	33,611,710	2,855.00	2,677.50	1,573,838.90	----------	----------
1888	----------	31,990,833	6,416.50	306,708.25	721,648.70	----------	----------
1889	----------	34,651,811	6,355.50	3,177.75	835,338.90	----------	----------
1890	----------	38,043,004	6,295.00	20,147.50	1,133,461.70	----------	----------
1891	----------	23,562,735	100,300.00	1,551,150.00	2,304,671.60	----------	----------
1892	----------	6,333,245	1,652,136.50	2,960,331.00	1,695,365.50	----------	----------
1893	----------	1,455,792	4,003,948.50	2,583,843.25	759,219.30	----------	----------
1894	----------	3,093,972	3,667,831.00	2,233,448.25	205,099.60	----------	----------
1895	----------	862,880	2,354,652.00	2,255,390.25	225,088.00	----------	----------
1896	----------	19,876,762	1,507,855.00	1,386,700.25	318,581.80	----------	----------
1897	----------	12,651,731	2,023,315.50	2,524,440.00	1,287,810.80	----------	----------
1898	----------	14,426,735	3,094,642.50	3,497,331.75	2,015,324.20	----------	----------
1899	----------	15,182,846	4,474,628.50	3,994,211.50	2,409,833.90	----------	----------
1900	----------	25,010,938	5,033,617.00	3,822,874.25	2,477,918.20	----------	----------
1901	----------	22,566,813	3,119,928.50	2,644,369.25	2,507,350.00	----------	----------
1902	----------	18,160,777	4,454,723.50	4,617,589.00	2,795,077.70	----------	----------
1903	----------	10,343,755	3,149,763.50	3,551,516.00	2,829,405.50	----------	----------
1904	----------	8,812,650	2,331,654.00	3,011,203.25	1,540,102.70	----------	----------
1905	----------	----------	1,830,863.50	2,020,562.50	2,480,754.90	----------	----------
1906	----------	----------	5,426,414.50	2,248,108.75	2,976,504.60	----------	----------
1907	----------	----------	5,825,587.50	3,899,143.75	3,453,704.50	----------	----------
1908	----------	----------	5,819,686.50	4,262,136.25	2,309,954.50	----------	----------
1909	----------	----------	2,529,025.00	4,110,662.50	1,448,165.00	----------	----------
1910	----------	----------	1,183,275.50	936,137.75	1,625,055.10	----------	----------
1911	----------	----------	1,686,811.50	1,410,535.75	3,359,954.30	----------	----------
1912	----------	----------	2,610,750.00	1,277,175.00	3,453,070.00	----------	----------
1913	----------	----------	663,313.50	493,853.25	2,027,062.20	----------	----------
1914	----------	----------	558,305.00	2,388,652.50	3,136,865.50	----------	----------
1915	----------	----------	1,486,440.00	1,969,612.50	658,045.00	----------	----------
1916	----------	----------	1,065,200.00	2,095,200.00	5,720,400.00	----------	----------
1917	----------	----------	10,751,700.00	9,464,400.00	9,196,200.00	----------	----------
1918	----------	----------	10,434,549.00	8,173,000.00	6,865,480.00	----------	----------
1919	----------	----------	1,839,500.00	3,776,000.00	5,452,900.00	----------	----------
1920	----------	----------	6,398,570.00	9,456,600.00	9,202,100.00	----------	----------
1921	----------	87,736,473	611,062.50	479,000.00	231,000.00	----------	----------
1922	----------	84,275,000	50,030.50	----------	----------	----------	----------
1923	----------	56,631,000	1,226,038.50	2,769,000.00	5,657,000.00	----------	----------
1924	----------	13,539,000	71,040.00	4,223,000.00	3,794,000.00	----------	----------
1925	----------	11,808,000	1,338,518.00	3,070,000.00	3,657,700.00	----------	----------
1926	----------	11,267,700	574,306.50	3,933,000.00	4,050,800.00	----------	----------
1927	----------	2,982,900	1,216,017.00	3,321,100.00	3,766,200.00	----------	----------
1928	----------	1,992,649	1,000,018.00	2,651,900.00	3,104,100.00	----------	----------
1929	----------	----------	1,451,600.00	3,565,500.00	3,573,400.00	----------	----------
1930	----------	----------	----------	1,797,000.00	861,300.00	----------	----------
1931	----------	----------	----------	----------	621,000.00	----------	----------
1932	----------	----------	----------	1,562,200.00	----------	----------	----------
1933	----------	----------	895,625.00	----------	----------	----------	----------
1934	----------	3,534,557	6,612,270.50	8,859,813.00	3,085,200.00	----------	----------
1935	----------	3,540,000	8,201,523.50	10,981,000.00	8,514,700.00	----------	----------
1936	----------	----------	10,745,882.50	12,626,459.25	11,284,613.00	----------	----------
1937	----------	----------	6,824,600.50	7,135,785.50	8,075,175.60	----------	----------
1938	----------	----------	2,337,909.00	3,078,011.25	3,582,572.80	----------	----------
Total:							
1874–1938	34,740,924	847,629,915	166,529,011.50	185,235,338.50	164,999,561.90	----------	----------
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	$4,880,219.40	$1,282,087.20
Grand total	35,965,924	855,661,153	267,070,264.50	207,523,360.00	174,241,641.10	4,880,219.40	1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				$1,122.12	$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864			$396,950.00	529,737.14	
1865		$341,460.00	272,800.00	354,292.86	
1866	$737,125.00	144,030.00	63,540.00	98,265.00	
1867	1,545,475.00	117,450.00	58,775.00	98,210.00	
1868	1,440,850.00	97,560.00	56,075.00	102,665.00	
1869	819,750.00	48,120.00	30,930.00	64,200.00	
1870	240,300.00	40,050.00	17,225.00	52,750.00	
1871	28,050.00	18,120.00	14,425.00	39,295.00	
1872	301,800.00	25,860.00	1,300.00	40,420.00	
1873	227,500.00	35,190.00		116,765.00	
Total, 1793–1873	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	$176,900.00	$23,700.00		$141,875.00	
1875	104,850.00	6,840.00		135,280.00	
1876	126,500.00	4,860.00		79,440.00	
1877				8,525.00	
1878	117.50	70.50		57,998.50	
1879	1,455.00	1,236.00		162,312.00	
1880	997.75	748.65		389,649.55	
1881	3,618.75	32,417.25		392,115.75	
1882	573,830.00	759.00		385,811.00	
1883	1,148,471.05	318.27		455,981.09	
1884	563,697.10	169.26		232,617.42	
1885	73,824.50	143.70		117,653.84	
1886	166,514.50	128.70		176,542.90	
1887	763,182.60	238.83		452,264.83	
1888	536,024.15	1,232.49		374,944.14	
1889	794,068.05	646.83		488,693.61	
1890	812,963.60			571,828.54	
1891	841,717.50			470,723.50	
1892	584,982.10			376,498.32	
1893	668,509.75			466,421.95	
1894	270,656.60			167,521.32	
1895	498,994.20			383,436.36	
1896	442,146.00			390,572.93	
1897	1,021,436.75			504,663.30	
1898	626,604.35			498,230.79	
1899	1,301,451.55			536,000.31	
1900	1,362,799.75			668,337.64	
1901	1,324,010.65			796,111.43	
1902	1,574,028.95			873,767.22	
1903	1,400,336.25			850,944.93	
1904	1,070,249.20			613,280.15	
1905	1,491,363.80			807,191.63	
1906	1,930,686.25			960,222.55	
1907	1,960,740.00			1,081,386.18	
1908	1,134,308.85			334,429.87	
1909	579,526.30			1,176,862.63	
1910	1,508,467.65			1,528,462.18	
1911	1,977,968.60			1,178,757.87	
1912	1,747,435.70			829,950.60	
1913	3,682,961.95			984,373.52	
1914	1,402,386.90			805,684.32	
1915	1,503,088.50			559,751.20	
1916	4,434,553.30			1,902,996.77	
1917	3,276,391.45			2,841,697.85	
1918	2,266,515.70			3,706,146.34	
1919	3,819,750.00			5,889,350.00	
1920	4,110,000.00			4,056,650.00	
1921	611,000.00			544,310.00	
1922				71,600.00	
1923	2,092,850.00			834,230.00	
1924	1,415,750.00			893,940.00	
1925	2,313,555.00			1,889,090.00	
1926	2,565,050.00			1,896,580.00	
1927	2,357,050.00			1,858,860.00	
1928	1,839,150.00			1,825,520.00	
1929	2,628,500.00			2,771,400.00	
1930	1,414,200.00			2,218,010.00	
1931	60,000.00			247,420.00	
1932				195,620.00	
1933				205,600.00	
1934	1,384,650.15			2,475,260.00	
1935	4,032,800.00			3,310,900.00	
1936	7,937,271.00			3,793,875.69	
1937	5,147,338.45			3,941,093.20	
1938	1,800,818.25			1,918,867.34	
Total:					
1874–1938	93,261,065.95	73,509.48	$912,020.00	71,756,133.06	
1793–1873	5,340,850.00	867,840.00		4,929,824.44	$39,909.11
Grand total	98,601,915.95	941,349.48	912,020.00	76,685,957.50	39,909.11

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793			$1,281.79	$1,281.79
1794		$4,408.00	9,593.21	14,001.21
1795	$71,485.00	366,275.80	498.00	438,258.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800. 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29, 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542. 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 60	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1896	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 460. 75	2, 120, 122. 08	134, 693, 770. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 970. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233, 402, 428. 00	15, 695, 609. 95	1, 683, 529. 35	250, 781, 567. 30
1905	49, 638, 441. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 045. 00	10, 651, 027. 85	2, 890, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 126. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 929. 83	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 340, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 335. 47	33, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968, 401. 50	4, 114, 097. 50	2, 062, 839. 70	30, 145, 338. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 376. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 089. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 662. 04	31, 445, 691. 04
1919		11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 057, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	10, 570, 000. 00	89, 057, 535. 50	1, 155, 310. 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	45, 365, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	206, 010, 000. 00	21, 627, 040. 00	2, 309, 690. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	78, 540, 565. 00	19, 825, 806. 50	4, 461, 630. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	40, 235, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400. 00
1930	2, 440, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
1931	60, 895, 000. 00	621, 000. 00	307, 420. 00	61, 823, 420. 00
1932	66, 665, 000. 00	1, 562, 200. 00	195, 620. 00	68, 422, 820. 00
1933	12, 035, 000. 00	895, 625. 00	205, 600. 00	13, 136, 225. 00
1934		22, 091, 840. 50	3, 859, 910. 15	25, 951, 750. 65
1935		31, 237, 223. 50	7, 343, 700. 00	38, 580, 923. 50
1936		34, 656, 954. 75	11, 731, 146. 69	46, 388, 101. 44
1937		22, 035, 561. 60	9, 088, 431. 65	31, 123, 993. 25
1938		8, 998, 493. 05	3, 719, 685. 59	12, 718, 178. 64
Total:				
1874–1938	3, 674, 104, 040. 00	1, 399, 405, 750. 90	165, 090, 708. 49	5, 238, 600, 499. 39
1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 526, 218, 477. 50	1, 546, 895, 649. 20	177, 181, 152. 04	6, 250, 295, 278. 74

Income and expenses of the United States Mint

Item	Philadelphia mint	San Francisco mint	Denver mint
INCOME			
Revenues:			
Melting charges on bullion receipts	$10,773.07	$35,400.18	$6,765.25
Parting and refining charges on bullion		310,999.71	82,879.03
Handling charges on gold receipts	11,433.32	934,265.98	90,802.92
Handling charges on gold sales	261.12	107.45	35.62
Bar charges on issued bars	92.83	81.13	
Charges on proof coins sold	11,554.30		
Charges on accepted altered coins	240.60	6.80	
Transportation charges on bullion			
Proceeds of medals sold	2,880.35		
Receipts for special assays made on bullion and ores	515.00	48.00	285.50
Value of bullion recovered incident to receipt of deposits	4,709.24	7,540.12	1,331.17
Value of bullion recovered from refining and coining operations (net)	10,374.78	66,302.53	14,144.70
Gain on lightweight and mutilated coin purchased for recoinage	29.67	23.79	6.09
Gain on bullion shipments (net)			
Proceeds of sale of old material	952.86		
Proceeds of sale of old equipment	193.79		
Fines and penalties (bullion and coin forfeitures)	211.03		
Commission on telephone calls	46.77		36.66
Seigniorage on subsidiary silver coinage	2,154,971.60	783,687.14	631,049.60
Seigniorage on minor coinage (nickel)	1,635,994.64	153,633.88	206,892.30
Seigniorage on minor coinage (bronze)	615,485.14	102,429.48	205,823.48
Collection against payment for excess sick leave	45.02		
Collection of storage charges			
Unclaimed funds received			.43
Total revenue	4,460,765.13	2,394,526.19	1,240,052.75
Appropriation earnings:			
Charges for manufacture of foreign coin	301,112.52		
Charges for manufacture of special medals	11,066.80		
Charges for work and supplies for other institutions	17,031.55		
Total earnings	329,210.87		
Total income	4,789,976.00	2,394,526.19	1,240,052.75
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	3.69	18,223.25	5.64
Personnel	728,285.41	344,619.64	314,264.84
Other expenses, including supplies, materials, equipment, and miscellaneous items	88,367.51	45,070.74	43,539.92
Loss on operative sweep sold	1,531.49	1,302.56	
Interinstitution items not involving appropriation transfers	−16,414.75	3,668.07	6,035.35
Total payable from appropriations	801,773.35	412,884.26	363,845.75
Payable from revenue:			
Expenses of distributing minor coin	38,798.28	6,943.93	9,648.82
Wastage of operative departments, minor metals	1,408.37	119.00	83.61
Forwarding cost of domestic silver bullion by Seattle assay office for account of Denver Mint			
Total payable from revenue	40,206.65	7,062.93	9,732.43
Total expenses	841,980.00	419,947.19	373,578.18

establishment for the fiscal year ended June 30, 1939

New York assay office and auxiliary West Point bullion depository	New Orleans mint	Seattle assay office	Fort Knox bullion depository	Office of Director of the Mint	Total
$91,176.85	$3,157.80	$6,007.70			$153,280.85
136,110.01					529,988.75
3,985,448.69	2,336.87	64,042.69			5,088,330.47
217.41					621.60
381.39					555.35
					11,554.30
					247.40
		1,636.55			1,636.55
					2,880.35
621.00	419.50	217.00			2,106.00
31,631.04	125.63	3,353.76			48,690.96
55,167.35					145,989.36
.89					60.44
	238.39	1,261.80			1,500.19
					952.86
					193.79
1,348.31					1,559.34
					83.43
					3,569,708.34
					1,996,520.82
					923,738.10
					45.02
					503.68
503.68					.43
4,302,606.62	6,278.19	76,519.50			12,480,748.38
					301,112.52
					11,066.80
					17,031.55
					329,210.87
4,302,606.62	6,278.19	76,519.50			12,809,959.25
					25,257.32
4.30	520.44	6,500.00			2,074,206.51
455,271.64	27,818.09	34,416.89	$67,009.34	$102,520.66	615,197.91
			3,551.02	14,520.57	3,406.21
415,484.00	1,578.78	3,085.37			
572.16			65.80	279.38	
		15.45			
6,340.10	10.60		70,626.16	117,320.61	2,718,067.95
877,672.20	29,927.91	44,017.71			
					55,391.03
					1,610.98
					1,636.55
		1,636.55			
					58,638.56
		1,636.55			
			70,626.16	117,320.61	2,776,706.51
877,672.20	29,927.91	45,654.26			

Appropriations, reimbursements, expenses, and balances, of the mint establishment, fiscal year ended June 30, 1939

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF DIRECTOR OF THE MINT				
Appropriated:				
Regular	$38,520.00	$6,000.00	$80,000.00	$74,520.00
Extra [1]	66,468.17	8,790.57		75,258.74
Total	104,988.17	14,790.57	80,000.00	149,778.74
Expended	102,520.66	14,520.57	[2] 25,257.32	142,298.55
Unexpended balance	2,467.51	270.00	4,742.68	7,480.19
FIELD SERVICE				
Appropriated:				
Regular				1,487,400.00
Extra [3]				768,086.26
Total				2,255,486.26
Reimbursed: Philadelphia Mint				329,210.87
Available				2,584,697.13
Expended:				
Philadelphia Mint	728,285.41	89,899.00	(3.69)	818,184.41
San Francisco Mint	344,619.64	46,373.30	(18,223.25)	390,992.94
Denver Mint	314,264.84	43,539.92	(5.64)	357,804.76
New York Assay Office	455,271.64	416,056.16	(4.30)	871,327.80
New Orleans Mint	27,818.09	1,578.78	(520.44)	29,396.87
Seattle Assay Office	34,416.89	3,085.37	(6,500.00)	37,502.26
Fort Knox Depository	67,009.34	3,551.02		70,560.36
Total expended	1,971,685.85	604,083.55		2,575,769.40
Unexpended balance				8,927.73
TOTAL, ENTIRE SERVICE				
Appropriated:				
Regular				1,561,920.00
Extra				843,345.00
Reimbursed				329,210.87
Available				2,734,475.87
Expended				2,718,067.95
Unexpended balance				16,407.92

[1] Expenses, Silver Purchase and Gold Reserve Acts, Bureau of the Mint, Mints and Assay Offices, 1939.
[2] Chargeable as indicated below (in parentheses) to the several offices
[3] Expenses, Silver Purchase and Gold Reserve Acts, Bureau of the Mint, Mints and Assay Offices, 1939, $674,741.26; plus $93,345, Salaries and expenses, Mints and Assay Offices 1938–39.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1939

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	294,707.742	$10,314,770.97	261,606,571.47	$283,692,747.60
San Francisco	27,657,341.375	968,006,948.18	456,664,878.44	407,719,067.51
Denver	112,655,055.995	3,942,926,960.44	93,804,275.12	44,295,819.70
ASSAY OFFICES				
New York (including West Point depository)	161,789,897.866	5,662,646,425.90	1,310,872,041.69	1,094,974,501.99
New Orleans	4,518.260	158,136.20	1,569.83	667.38
Seattle	56,974.995	1,994,124.35	3,343.35	1,469.84
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45		
Total	460,278,688.681	16,109,754,101.49	2,122,952,679.90	1,830,684,274.02

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$9,216.51	$219,557,154.97	$1,215,381.34	$7,800.00
San Francisco		86,517,941.23	118,200.00	47,700.00
Denver		56,859,739.23	541,600.98	333,100.00
ASSAY OFFICES				
New York (including West Point depository)	42,601.70	62,888,980.75		2,597,264.00
New Orleans		6,753,377.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	51,818.21	432,577,193.18	1,875,182.32	2,985,864.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$411,983.98	$210,438.73	$28,016.02	$515,447,510.12
San Francisco	82,879.28	24,318.21	16,288.31	1,462,533,342.72
Denver	58,745.31	47,428.40	66,176.96	4,045,129,571.02
ASSAY OFFICES				
New York (including West Point depository)		235.97		6,823,150,010.31
New Orleans				6,912,180.58
Seattle				1,995,594.19
BULLION DEPOSITORY				
Fort Knox				5,523,706,735.45
Total	553,608.57	282,421.31	110,481.29	18,378,874,944.39

[1] Includes unclassified cash: Philadelphia, $3,745.82; San Francisco, $4,164.23; Denver, $635.33; New York, $2,979.96.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1939—Continued

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage	Due depositors of bullion	Total assets
COINAGE MINTS					
Philadelphia	$514,784,903.03	$440,000.00	$221,319.24	$1,287.85	$515,447,510.12
San Francisco	1,462,138,500.00	70,000.00	324,841.80		1,462,533,342.72
Denver	4,044,956,435.88	90,000.00	82,359.45	775.69	4,045,129,571.02
ASSAY OFFICES					
New York (including West Point depository)	6,823,149,228.65			781.66	6,823,150,010.31
New Orleans	6,912,180.58				6,912,180.58
Seattle	1,995,594.19				1,995,594.19
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45				5,523,706,735.45
Total	18,377,643,577.78	600,000.00	628,520.49	2,845.20	18,378,874,944.39

Stock of Domestic Coin in the United States, June 30, 1939 [1]

On June 30, 1939, the stock of domestic coin in the United States was $1,088,037,109 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1938	$920,540,703	$157,183,351	$1,077,724,054
Coinage executed during fiscal year 1939	11,029,058	4,509,320	15,538,378
Imports, United States coin, fiscal year 1939	292,639		292,639
Total	931,862,400	161,692,671	1,093,555,071
Less:			
Exports United States coin, fiscal year 1939	10,092		10,092
United States coin withdrawn from monetary use, face amount, fiscal year 1939	4,861,731	546,139	5,407,870
United States coin used in the industrial arts, and general disappearance, estimated, fiscal year 1939	100,000		100,000
Total	4,971,823	546,139	5,517,962
Estimated stock of coin in United States, June 30, 1939	926,890,577	161,146,532	1,088,037,109

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined to June 30, 1939, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of April 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 227,992, and the number of Hawaiian dollars melted to June 30, 1939, was 455,329, a total disposition of 301,698,185, leaving in the United States on June 30, 1939, 547,078,589 standard silver dollars and 379,811,988 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157,476	122.82	16.44	139.26

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up a security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce, which compares with the previous $20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

Stock of Domestic Coin in the United States, December 31, 1938 [1]

On December 31, 1938, the stock of domestic coin in the United States was $1,082,362,938 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States Dec. 31, 1937	$919,295,733	$155,798,254	$1,075,093,987
Coinage executed, calendar year 1938	8,998,493	3,719,686	12,718,179
Imports, United States coin, calendar year 1938	337,549	----------	337,549
Total	928,631,775	159,517,940	1,088,149,715
Less:			
Exports, United States coin, calendar year 1938	55	----------	55
United States coin withdrawn from monetary use, calendar year 1938, face amount	5,225,832	460,890	5,686,722
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1938	100,000	----------	100,000
Total	5,325,887	460,890	5,786,777
Estimated stock of coin in United States Dec. 31, 1938	923,305,888	159,057,050	1,082,362,938

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1938, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 227,661, and the number of Hawaiian dollars melted to Dec. 31, 1938, was 455,329; a total disposition of 301,697,854, leaving in the United States on Dec. 31, 1938, 547,078,920 standard silver dollars and 376,226,968 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, December 31, 1938

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	215,980.442	$7,559,315.48	244,142,083.08	$264,010,912.57
San Francisco	23,358,362.858	817,542,700.05	419,313,449.98	389,644,269.79
Denver	110,282,265.045	3,859,879,276.59	92,370,174.05	43,352,713.56
ASSAY OFFICES				
New York (including West Point depository)	122,702,275.068	4,294,579,624.23	1,164,504,025.87	988,019,932.09
New Orleans	6,597.725	230,917.56	2,016.84	852.07
Seattle	197,956.606	6,928,479.70	12,033.87	5,121.26
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45	----------	----------
Total	414,583,630.192	14,510,427,049.06	1,920,343,783.69	1,685,033,801.34

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, December 31, 1938—Continued

ASSETS—Continued

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$29,145.43	$219,296,014.94	$1,323,000.88	$297,000.00
San Francisco		87,276,547.22	464,460.80	88,600.00
Denver		56,763,008.35	626,178.08	325,000.00
ASSAY OFFICES				
New York (including West Point depository)	380,953.13	62,936,681.89		2,779,645.00
New Orleans		6,793,377.00		
Seattle				
BULLION DEPOSITORY				
Fort Knox				
Total	410,098.56	433,065,629.40	2,413,639.76	3,490,245.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
COINAGE MINTS				
Philadelphia	$671,506.10	$109,093.66	$79,252.06	$493,375,241.12
San Francisco	58,444.55	10,329.65	11,555.45	1,295,096,907.51
Denver	25,253.14	21,491.96	64,746.86	3,961,057,668.54
ASSAY OFFICES				
New York (including West Point depository)				5,348,696,836.34
New Orleans				7,025,146.63
Seattle				6,933,600.96
BULLION DEPOSITORY				
Fort Knox				5,523,706,735.45
Total	755,203.79	140,915.27	155,554.37	16,635,892,136.55

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$492,248,544.59	$440,000.00	$686,696.53		$493,375,241.12
San Francisco	1,294,983,524.06	70,000.00	43,383.45		1,295,096,907.51
Denver	3,960,806,121.09	90,000.00	161,547.02	$0.43	3,961,057,668.54
ASSAY OFFICES					
New York (including West Point depository)	5,348,696,054.68			781.66	5,348,696,836.34
New Orleans	7,025,146.63				7,025,146.63
Seattle	6,933,600.96				6,933,600.96
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45				5,523,706,735.45
Total	16,634,399,727.46	600,000.00	891,627.00	782.09	16,635,892,136.55

[1] Includes unclassified cash: Philadelphia, $35,030.34; San Francisco, $4,162.52; Denver, $528.15; New York, $661.69.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	----------	----------	3,818	30,000	105,007
1874	60,972	9,540	----------	----------	5,536	39,607	115,655
1875	45,382	8,259	----------	----------	3,711	31,696	89,048
1876	41,912	9,589	----------	----------	3,226	44,533	99,260
1877	76,662	10,962	----------	----------	5,306	39,059	131,989
1878	122,137	6,323	----------	----------	8,192	39,768	176,420
1879	129,920	5,317	----------	----------	21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000	----------	----------	98,105	46,844	302,739
1880	61,481	93,790	----------	----------	92,185	150,086	397,542
1881	84,640	88,726	----------	----------	101,115	210,776	485,257
1882	119,523	51,501	----------	----------	75,326	234,206	480,556
1883	152,608	65,667	----------	----------	73,447	228,297	520,019
1884	171,553	63,163	----------	----------	76,171	215,813	526,700
1885	75,435	72,938	----------	----------	96,742	313,346	558,461
1886	187,197	81,431	----------	----------	97,781	223,200	589,609
1887	182,619	123,145	----------	----------	99,162	245,146	650,072
1888	227,854	97,457	----------	----------	78,224	246,218	649,753
1889	246,402	67,266	----------	----------	84,416	235,435	633,519
1890	226,220	67,646	----------	----------	80,362	274,056	648,284
1891	196,634	83,576	----------	----------	91,890	253,765	625,865
1892	156,662	81,827	----------	----------	100,991	242,622	582,102
1893	73,624	84,632	----------	----------	151,234	281,940	591,430
1894	91,781	47,107	----------	----------	151,117	248,788	538,793
1895	83,187	29,444	----------	----------	147,308	242,645	502,584
1896	121,746	54,648	----------	----------	161,828	251,011	589,233
1897	152,488	45,279	----------	----------	187,609	252,419	637,795
1898	141,070	140,049	----------	----------	263,889	286,892	831,900
1899	257,306	143,078	----------	----------	203,701	293,388	897,473
1900	328,453	153,095	----------	----------	199,350	307,870	988,768
1901	417,343	123,736	----------	----------	190,172	318,389	1,049,640
1902	458,160	159,971	----------	----------	178,147	324,253	1,120,531
1903	478,970	209,437	----------	----------	170,547	332,731	1,191,685
1904	647,262	49,187	----------	----------	195,111	325,262	1,216,822
1905	662,154	101,184	----------	----------	196,681	327,549	1,287,568
1906	737,677	156,543	----------	----------	188,096	376,007	1,458,323
1907	788,468	162,937	----------	----------	203,289	457,995	1,612,689
1908	924,317	111,041	----------	----------	209,186	411,606	1,656,150
1909	934,803	97,347	----------	----------	213,991	392,508	1,638,649
1910	982,586	120,726	----------	----------	227,978	378,745	1,710,035
1911	1,001,413	183,089	----------	----------	235,185	379,941	1,799,628
1912	995,209	258,858	----------	----------	240,452	385,718	1,880,237
1913	987,678	303,585	----------	----------	232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450	----------	118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928	----------	120,396	520,251	2,842,804
1917	679,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,803	286,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,331	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,237,967	0	0	0	0	8,237,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900-10 [1]	$461, 306, 021	$58, 613, 159	$34, 283, 578	$554, 202, 758
1911	51, 143, 245	9, 370, 356	4, 019, 825	64, 533, 426
1912	51, 388, 352	11, 413, 021	7, 959, 870	70, 761, 243
1913	41, 299, 073	12, 696, 925	7, 813, 558	61, 809, 556
1914	35, 421, 165	6, 142, 090	7, 626, 125	49, 189, 380
1915	38, 564, 526	8, 361, 692	2, 971, 471	49, 897, 689
1916	52, 210, 988	12, 019, 899	2, 742, 312	66, 973, 199
1917	27, 090, 143	50, 023, 842	2, 656, 203	79, 770, 188
1918	31, 322, 709	202, 503, 389	8, 601, 568	242, 427, 666
1919	14, 440, 703	181, 671, 933	14, 066, 084	210, 178, 720
1920	4, 902, 478	83, 438, 040	5, 970, 531	94, 311, 049
1921	11, 843, 103	29, 916, 641	2, 942, 981	44, 702, 725
1922	10, 682, 662	45, 097, 143	1, 001, 128	56, 780, 933
1923	6, 315, 293	62, 066, 275	681, 762	69, 063, 330
1924	23, 418, 769	79, 593, 505	2, 064, 232	105, 076, 506
1925	8, 371, 476	79, 782, 973	6, 454, 557	94, 609, 006
1926	3, 799, 262	80, 853, 036	3, 891, 161	88, 543, 459
1927	2, 399, 847	54, 748, 487	2, 699, 776	59, 848, 110
1928	544, 052	80, 092, 220	4, 036, 456	84, 672, 728
1929	83, 562	60, 150, 728	2, 554, 128	62, 788, 418
1930	2, 053, 773	47, 320, 561	1, 521, 589	50, 895, 923
1931	4, 653, 596	16, 434, 212	2, 669, 278	23, 757, 086
1932	607, 091	9, 883, 473	3, 359, 330	13, 849, 894
1933	6, 595, 946	8, 609, 401	3, 835, 626	19, 040, 973
1934	6, 628, 829	1, 351, 145	8, 571, 362	16, 551, 336
1935	296, 384	----------	18, 504, 907	18, 801, 291
1936	13, 500	----------	1, 227, 806	1, 241, 306
1937	196, 755	2, 542	753, 138	952, 435
1938	89, 591	75	700, 627	790, 293
Total	897, 682, 894	1, 292, 156, 763	166, 180, 969	2, 356, 020, 626

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232, 194, 271	$26, 240, 746	$54, 866, 527	$313, 301, 544
1891–1900	269, 872, 576	63, 081, 893	61, 808, 988	394, 763, 457
1901–10	425, 855, 098	38, 176, 749	17, 907, 809	481, 939, 656
1911	43, 131, 303	5, 208, 615	----------	48, 339, 918
1912	58, 181, 441	9, 329, 080	----------	67, 510, 521
1913	47, 793, 897	3, 674, 207	9, 295	51, 477, 399
1914	27, 554, 123	243, 325	1, 216	27, 798, 664
1915	18, 454, 444	24, 332	32, 435	18, 511, 211
1916–18 [2]	1, 546, 832	2, 766, 240	----------	4, 313, 072
1919	18, 662, 366	24, 727, 149	----------	43, 389, 515
1920	30, 756, 772	16, 789, 537	----------	47, 546, 309
1921	34, 480, 053	16, 457, 043	----------	50, 937, 096
1922	42, 617, 483	10, 115, 264	----------	52, 732, 747
1923	21, 651, 852	1, 791, 582	138, 744	23, 582, 178
1924	24, 391, 638	3, 945, 189	3, 261	28, 340, 088
1925	37, 277, 181	1, 736, 732	1, 325, 776	40, 339, 689
1926	23, 430, 762	694, 776	10, 804	24, 136, 342
1927	19, 756, 973	11, 262, 890	963, 718	31, 983, 581
1928	19, 215, 677	5, 648, 167	----------	24, 863, 844
1929	27, 487, 140	6, 634, 738	145, 854	34, 267, 732
1930	14, 272, 412	3, 955, 470	392, 919	18, 620. 801
1931 [3]	2, 634, 319	4, 907, 127	241, 020	7, 782, 466
1932	2, 720, 612	380, 255	216, 461	3, 317, 328
1933	4, 653, 756	21, 003	170, 574	4, 845, 333
1934	3, 725, 447	1, 550, 346	----------	5, 275, 793
1935	46, 764, 042	905	38, 244	46, 803, 191
1936	16, 999, 886	770	270, 916	17, 271, 572
1937	16, 999, 886	770	270, 916	17, 271, 572
1937	2, 506, 904	1, 253	----------	2, 508, 157
1938 [4]				

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.
[4] From Year Book, American Bureau of Metal Statistics.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]—	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2,628,688			162,343,853
1881–82 to 1886–87			5,126,298			158,666,897
1887–88 to 1890–91	3,108,078	330,850	2,777,228	175,853,335	20,461,848	155,391,487
1891–92 to 1900–1901	9,508,730	6,079,786	3,428,944	490,099,704	142,380,104	347,719,600
1901–02 to 1910–11	29,247,312	11,406,044	17,841,268	895,652,016	169,777,631	725,874,385
1911–12	6,817,312	647,286	6,224,026	70,378,747	38,149,647	32,229,100
1912–13	6,813,489	1,251,418	5,562,071	107,190,427	16,112,785	91,077,642
1913–14	4,593,163	843,726	3,749,437	79,834,999	8,727,648	71,107,351
1914–15	1,705,088	527,105	1,177,983	64,160,128	8,394,005	55,766,123
1915–16	832,772	1,093,919	−261,147	39,833,279	6,900,906	32,932,373
1916–17	2,282,923	17,523	2,265,400	116,959,115	24,765,309	92,193,806
1917–18	4,903,243	696,174	4,207,069	88,814,458	14,282,960	74,531,498
1918–19	389,996	1,345,645	−955,649	241,747,804	4,719,187	237,028,617
1919–20	7,829,436	2,222,730	5,606,706	101,051,961	4,110,179	96,941,782
1920–21	3,727,589	2,907,032	820,557	43,221,213	20,981,767	22,239,446
1921–22	1,798,936	2,049,292	−250,356	73,838,216	9,703,900	64,134,316
1922–23	5,877,753	19,455	5,858,298	96,500,149	10,443,006	86,057,143
1923–24	4,329,248	9,892	4,319,356	107,836,545	14,578,488	93,258,057
1924–25	12,024,013	58,792	11,965,221	122,329,383	19,975,224	102,354,159
1925–26	6,201,515	65,934	6,135,581	108,346,651	14,932,897	93,363,754
1926–27	3,403,006	17,477	3,385,529	134,006,039	9,763,694	124,242,345
1927–28	3,188,026	6,267	3,181,759	107,651,689	14,829,876	92,821,813
1928–29	3,788,585	3,144	3,785,441	103,680,619	39,859,710	63,820,909
1929–30	2,525,247	1,685	2,523,562	97,496,975	34,976,431	62,520,544
1930–31	2,329,626	86,973	2,242,653	111,225,416	30,689,481	80,535,935
1931–32	450,050	8,180,732	−7,730,682	32,399,139	43,540,420	−11,141,281
1932–33	172,412	8,526,241	−8,353,829	8,429,432	32,946,724	−24,517,292
1933–34	134,901	6,830,199	−6,695,298	4,872,386	57,861,476	−52,989,090
1934–35	79,992	5,774,812	−5,694,820	29,618,110	68,262,004	−38,643,894
1935–36	103,461	4,122,723	−4,019,262	49,836,880	48,320,802	1,516,078
1936–37	172,781	3,182,817	−3,010,036	112,255,948	2,144,483	110,111,465
1937–38	169,525	1,937,987	−1,768,462	24,143,546	8,364,562	15,778,984

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 toals, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

Price of silver in London and in New York, 1938-39

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price, at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
1938	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
January	20 3/8	19 1/4	19.8950	4.9998	0.44807	0.45062
February	20 3/8	19 15/16	20.1588	5.0180	.45567	.45062
March	20 1/16	18 3/8	20.0879	4.9845	.45103	.44758
April	19 1/8	18 9/16	18.8804	4.9812	.42338	.43062
May	18 15/16	18 5/8	18.7307	4.9673	.41898	.43062
June	19 1/16	18 1/16	18.9450	4.9580	.42315	.43062
July	19 3/16	18 15/16	19.3557	4.9291	.42995	.43062
August	19 9/16	19 1/8	19.3894	4.8808	.42617	.43062
September	19 1/16	18 3/4	19.3005	4.8038	.41779	.43062
October	19 3/16	19 5/16	19.6130	4.7685	.42115	.43062
November	20 1/4	19 1/2	19.8341	4.7075	.42082	.43062
December	20 1/4	19 15/16	20.0825	4.6703	.42251	.43062
1939						
January	21 1/8	19 15/16	20.3050	4.6694	.42706	.43062
February	20 3/4	19 15/16	20.3698	4.6857	.42963	.43062
March	20 5/8	19 7/8	20.2801	4.6854	.42802	.43062
April	20 3/16	19 15/16	20.0312	4.6805	.42233	.43062
May	20 3/8	19 15/16	20.1226	4.6813	.42442	.43062
June	20	18	19.5048	4.6824	.41140	.42267
Average, calendar year 1938			19.5256	4.8894	.42989	.43537
Average, fiscal year 1938-39			19.8491	4.7371	.42344	.42996

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1907	$0.71000	$0.52750	$0.65978
1875	1.26125	1.21000	1.23883	1908	.58875	.48250	.53496
1876	1.26000	1.03500	1.14950	1909	.54500	.50750	.52163
1877	1.26000	1.16000	1.19408	1910	.57625	.50750	.54245
1878	1.20750	1.08500	1.15429	1911	.57500	.52125	.54002
1879	1.16750	1.06500	1.12088	1912	.65625	.55250	.62006
1880	1.15000	1.11250	1.13931	1913	.65125	.58000	.61241
1881	1.14500	1.11000	1.12823	1914	.60875	.49000	.56331
1882	1.15000	1.09000	1.13855	1915	.58000	.47750	.51062
1883	1.11750	1.09500	1.10874	1916	.79125	.57250	.67151
1884	1.13250	1.08000	1.11161	1917	1.16500	.73125	.84000
1885	1.09500	1.02750	1.06428	1918	1.01937	.88937	.98445
1886	1.03500	.92500	.99880	1919	1.38250	1.01375	1.12087
1887	1.03500	.95000	.97899	1920	1.37875	.60375	1.01940
1888	.97750	.92000	.94300	1921	.73813	.53188	.63096
1889	.97250	.92500	.93634	1922	.74188	.62875	.67934
1890	1.20500	.95750	1.05329	1923	.69000	.62875	.65239
1891	1.07500	.94750	.99033	1924	.72375	.63000	.67111
1892	.95250	.83000	.87552	1925	.73187	.66812	.69406
1893	.85000	.65000	.78219	1926	.68937	.51812	.62428
1894	.70000	.59500	.64043	1927	.60312	.54187	.56680
1895	.69000	.60000	.66268	1928	.63937	.56812	.58488
1896	.70250	.65625	.68195	1929	.57812	.46812	.53306
1897	.66125	.52750	.60774	1930	.47187	.31062	.38466
1898	.62250	.55125	.59064	1931	.37562	.26062	.29013
1899	.64750	.58625	.60507	1932	.31312	.24562	.28204
1900	.65750	.59750	.62065	1933	.45312	.24812	.34997
1901	.64500	.54750	.59703	1934	.56062	.42062	.48283
1902	.56875	.47375	.52815	1935	.81312	.50062	.64582
1903	.62375	.47500	.54208	1936	.50062	.45062	.45399
1904	.62500	.53375	.57843	1937	.47062	.45062	.45195
1905	.66500	.55625	.61008	1938	.45062	.43062	.43537
1906	.72375	.63125	.67379				

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 3/16	1.297	1886	47	42	45 3/8	.99467
1834	60 3/4	59 3/4	59 15/16	1.313	1887	47 1/8	43 1/4	44 11/16	.97946
1835	60	59 1/4	59 11/16	1.308	1888	44 9/16	41 5/8	42 3/8	.93974
1836	60 3/4	59 5/8	60	1.315	1889	44 3/8	41 15/16	42 1/16	.93511
1837	60 5/8	59	59 9/16	1.305	1890	54 5/8	43 5/8	47 3/4	1.04634
1838	60 1/8	59 1/2	59 1/2	1.304	1891	48 3/4	43 1/2	45 1/16	.98800
1839	60 5/8	60	60 3/8	1.323	1892	43 3/4	37 7/8	39 3/4	.87145
1840	60 3/4	60 1/8	60 3/8	1.323	1893	38 3/4	30 1/2	35 9/16	.78030
1841	60 3/8	59 3/4	60 1/16	1.316	1894	31 3/4	27	28 15/16	.63479
1842	60	59 1/4	59 7/16	1.303	1895	31 3/8	27 3/16	29 1/16	.65406
1843	59 5/8	59	59 3/16	1.297	1896	31 15/16	29 3/4	30 1/16	.67565
1844	59 3/4	59 1/4	59 1/2	1.304	1897	29 13/16	23 5/8	27 9/16	.60438
1845	59 7/8	58 7/8	59 1/4	1.298	1898	28 3/8	25	26 15/16	.59010
1846	60 1/8	59	59 5/16	1.300	1899	29	26 5/8	27 1/16	.60154
1847	60 3/8	58 7/8	59 11/16	1.308	1900	30 1/4	27	28 5/16	.62007
1848	60	58 1/2	59 1/2	1.304	1901	29 9/16	24 15/16	27 3/16	.59955
1849	60	59 1/2	59 3/4	1.309	1902	26 1/16	21 11/16	24 1/16	.52795
1850	61 1/2	59 1/2	60 1/16	1.316	1903	28 1/2	21 11/16	24 3/4	.54257
1851	61 5/8	60	61	1.337	1904	28 9/16	24 7/16	26 13/32	.57876
1852	61 7/8	59 7/8	60 1/2	1.326	1905	30 5/16	25 7/16	27 13/16	.61027
1853	61 7/8	60 5/8	61 1/2	1.348	1906	33 1/8	29	30 7/8	.67689
1854	61 7/8	60 7/8	61 1/2	1.348	1907	32 7/16	24 1/4	30 3/16	.66152
1855	61 5/8	60	61 5/16	1.344	1908	27	22	24 13/32	.53490
1856	62 1/4	60 1/2	61 5/16	1.344	1909	24 7/8	23 1/16	23 23/32	.52016
1857	62 3/8	61	61 3/4	1.353	1910	26 1/4	23 3/16	24 21/32	.54077
1858	61 7/8	60 3/4	61 5/16	1.344	1911	26 1/8	23 11/16	24 19/32	.53928
1859	62 3/4	61 3/4	62 1/16	1.360	1912	29 11/16	25 1/8	28 1/16	.61470
1860	62 3/8	61 1/4	61 11/16	1.352	1913	29 3/8	26 1/16	27 9/16	.60458
1861	61 3/8	60 1/8	60 13/16	1.333	1914	27 1/4	22 1/8	25 1/4	.55312
1862	62 1/8	61	61 7/16	1.346	1915	27 1/4	22 5/16	23 5/8	.51892
1863	61 3/4	61	61 3/8	1.345	1916	37 1/8	26 11/16	31 3/8	.68647
1864	62 1/2	60 5/8	61 3/8	1.345	1917	55	35 11/16	40 13/16	.89525
1865	61 5/8	60 1/2	61 1/16	1.338	1918	49 1/2	42 1/2	47 17/32	1.04171
1866	62 1/4	60 3/8	61 3/8	1.339	1919	79 1/8	47 3/4	57 1/32	1.25047
1867	61 1/4	60 3/8	60 9/16	1.323	1920	89 1/2	38 7/8	61 13/32	1.34649
1868	61 1/8	60 1/8	60 1/2	1.326	1921	43 3/8	30 5/8	36 23/32	.80522
1869	61	60	60 7/16	1.325	1922	37 3/8	30 3/8	34 13/32	.75403
1870	60 3/4	60 1/4	60 9/16	1.328	1923	33 1/16	30 1/2	31 15/16	.70028
1871	61	60 3/16	60 1/2	1.326	1924	36 1/16	31 1/2	33 1/32	.74456
1872	61 1/8	59 1/4	60 5/16	1.322	1925	33 7/16	31 1/16	32 3/32	.70346
1873	59 15/16	57 7/8	59 3/16	1.29769	1926	31 13/16	24 1/16	28 11/16	.62873
1874	59 1/2	57 1/4	58 3/16	1.27883	1927	28	24 3/4	26 1/16	.57070
1875	57 5/8	55 1/2	56 11/16	1.24233	1928	28 7/8	26 1/16	26 3/4	.58267
1876	58 1/2	46 3/4	52 3/4	1.16414	1929	26 7/16	21 5/16	24 15/32	.53631
1877	58 1/4	53 1/4	54 13/16	1.20189	1930	21 5/8	14 7/16	17 21/32	.38724
1878	55 1/4	49 1/2	52 13/16	1.15358	1931	21 9/16	12	14 19/32	.29176
1879	53 3/4	48 7/8	51 1/4	1.12392	1932	20 7/16	16 3/8	17 27/32	.28116
1880	52 13/16	51 1/2	52 1/4	1.14507	1933	20 1/2	16 1/2	18 5/32	.34581
1881	52 7/8	50 7/8	51 11/16	1.13229	1934	25 1/4	18 3/16	21 7/32	.48122
1882	52 3/8	50	51 5/8	1.13562	1935	36 1/4	20 7/8	28 15/16	.63933
1883	51 3/16	50 1/16	50 9/16	1.10874	1936	22 15/16	19	20 1/16	.44934
1884	51 3/8	49 1/2	50 11/16	1.11068	1937	21 1/2	18 3/16	20 1/16	.44687
1885	50	46 7/8	48 9/16	1.06510	1938	20 9/16	18 3/8	19 17/32	.42989

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce	United States equivalent of London price [1]—		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1 000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 10.50	18.9492	----------	.16077
British mint price per standard ounce (0.916⅔)	4 4 11.45+	----------	20.6718	.16077
Equivalent per fine ounce				
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	----------	----------
Equivalent per fine ounce	4 4 9.82—	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce			United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£	s.	d.		Percent		
1919	4	10	1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	5	12	11.52	27.4863	33.17875	3.6643	20.6960
1921	5	7	.50	26.0463	26.20109	3.8491	20.6007
1922	4	13	3.80	22.7066	10.01952	4.4292	20.6659
1923	4	10	2.90	21.9583	6.39381	4.5743	20.6419
1924	4	13	8.30	22.7978	10.46141	4.4171	20.6923
1925	4	5	5.60	20.7964	.76410	4.8289	20.6355
1926	4	4	11.10	20.6646	.12549	4.8582	20.6291
1927	4	4	11.20	20.6667	.13561	4.8610	20.6430
1928	4	4	11.20	20.6667	.13561	4.8662	20.6651
1929	4	4	11.35	20.6697	.15020	4.8569	20.6287
1930	4	4	11.93	20.6814	.20689	4.8621	20.6625
1931	4	12	6.23	22.5126	9.07954	4.5350	20.9787
1932	5	18	.82	28.7293	39.20110	3.5061	20.6980
1933	6	4	10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6	17	7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6	17	7.85	56.7114	62.29270	5.0393	34.6840
1935	7	2	1.24	58.5450	67.53997	4.9018	34.8281
1936	7	0	3.45	57.7964	65.39768	4.9709	34.8678
1937	7	0	8.77	57.9790	65.92023	4.9440	34.7887
1938	7	2	6.66+	58.7306	68.07111	4.8894	34.8505
British Mint price per fine ounce	4	4	11.45+	[2] 20.6718 [3] 35.0000	.16077		
Bank of England's minimum buying rate per fine ounce	4	4	9.82−	[2] 20.6387 [3] 34.9439			

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1858	$1.039	1879	$0.86928	1900	$0.47958	1921	$0.48801
1838	1.008	1859	1.052	1880	.88564	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80927	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50587	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242	1938	.33673
1855	1.039	1876	.90039	1897	.46745	1918	.76142		
1856	1.039	1877	.92958	1898	.45640	1919	.86692		
1857	1.046	1878	.89222	1899	.46525	1920	.78844		

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1729	14.92	1771	14.66	1813	16.25	1855	15.38	1897	34.20
1688	14.94	1730	14.81	1772	14.52	1814	15.04	1856	15.38	1898	35.03
1689	15.02	1731	14.94	1773	14.62	1815	15.26	1857	15.27	1899	34.36
1690	15.02	1732	15.09	1774	14.62	1816	15.28	1858	15.38	1900	33.33
1691	14.98	1733	15.18	1775	14.72	1817	15.11	1859	15.19	1901	34.68
1692	14.92	1734	15.39	1776	14.55	1818	15.35	1860	15.29	1902	39.15
1693	14.83	1735	15.41	1777	14.54	1819	15.33	1861	15.50	1903	38.10
1694	14.87	1736	15.18	1778	14.68	1820	15.62	1862	15.35	1904	35.70
1695	15.02	1737	15.02	1779	14.80	1821	15.95	1863	15.37	1905	33.87
1696	15.00	1738	14.91	1780	14.72	1822	15.80	1864	15.37	1906	30.54
1697	15.20	1739	14.91	1781	14.78	1823	15.84	1865	15.44	1907	31.24
1698	15.07	1740	14.94	1782	14.42	1824	15.82	1866	15.43	1908	38.64
1699	14.94	1741	14.92	1783	14.48	1825	15.70	1867	15.57	1909	39.74
1700	14.81	1742	14.85	1784	14.70	1826	15.76	1868	15.59	1910	38.22
1701	15.07	1743	14.85	1785	14.92	1827	15.74	1869	15.60	1911	38.33
1702	15.52	1744	14.87	1786	14.96	1828	15.78	1870	15.57	1912	33.62
1703	15.17	1745	14.98	1787	14.92	1829	15.78	1871	15.57	1913	34.19
1704	15.22	1746	15.13	1788	14.65	1830	15.82	1872	15.63	1914	37.37
1705	15.11	1747	15.26	1789	14.75	1831	15.72	1873	15.93	1915	40.48
1706	15.27	1748	15.11	1790	15.04	1832	15.73	1874	16.16	1916	30.78
1707	15.44	1749	14.80	1791	15.05	1833	15.93	1875	16.64	1917	24.61
1708	15.41	1750	14.55	1792	15.17	1834	15.73	1876	17.75	1918	21.00
1709	15.31	1751	14.39	1793	15.00	1835	15.80	1877	17.20	1919	18.44
1710	15.22	1752	14.50	1794	15.37	1836	15.72	1878	17.92	1920	20.28
1711	15.29	1753	14.54	1795	15.55	1837	15.83	1879	18.39	1921	32.76
1712	15.31	1754	14.48	1796	15.65	1838	15.85	1880	18.05	1922	30.43
1713	15.24	1755	14.68	1797	15.41	1839	15.62	1881	18.25	1923	31.69
1714	15.13	1756	14.94	1798	15.59	1840	15.62	1882	18.20	1924	30.80
1715	15.11	1757	14.87	1799	15.74	1841	15.70	1883	18.64	1925	29.78
1716	15.09	1758	14.85	1800	15.68	1842	15.87	1884	18.61	1926	33.11
1717	15.13	1759	14.15	1801	15.46	1843	15.93	1885	19.41	1927	36.47
1718	15.11	1760	14.14	1802	15.26	1844	15.85	1886	20.78	1928	35.34
1719	15.09	1761	14.54	1803	15.41	1845	15.92	1887	21.10	1929	38.78
1720	15.04	1762	15.27	1804	15.41	1846	15.90	1888	22.00	1930	53.74
1721	15.05	1763	14.99	1805	15.79	1847	15.80	1889	22.10	1931	71.25
1722	15.17	1764	14.70	1806	15.52	1848	15.85	1890	19.75	1932	73.29
1723	15.20	1765	14.83	1807	15.43	1849	15.78	1891	20.92	1933	59.06
1724	15.11	1766	14.80	1808	16.08	1850	15.70	1892	23.72	1934	72.49
1725	15.11	1767	14.85	1809	15.96	1851	15.46	1893	26.49	1935	54.19
1726	15.15	1768	14.80	1810	15.77	1852	15.59	1894	32.56	1936	77.09
1727	15.24	1769	14.72	1811	15.53	1853	15.33	1895	31.60	1937	77.44
1728	15.11	1770	14.62	1812	16.11	1854	15.33	1896	30.59	1938	80.39

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

COINAGE OF NATIONS

CALENDAR YEAR 1937

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			22,035,562	$7,204,072	15,939,975
Albania	Franc	100,000	$32,670	700,000	42,466	93,961
Arabia:						
Saudi	Rial			3,000,000	466,073	1,031,250
Yemen	Maria Theresa thaler.			2,800,000	951,588	2,105,516
Austria	Schilling	485,225	115,605	1,016,855	59,128	130,828
Belgium trade coins (circulate in Red Sea area).	Maria Theresa thaler.			2,800,000	951,589	2,105,519
Bulgaria	Lev			220,000,000	319,664	707,300
Brazil	Milreis			2,070,000	36,094	79,862
British Empire:						
Australia	Pound			674,500	1,025,372	2,268,773
British Guiana	do			550	452	1,000
British India	Rupee			9,249,598	1,436,998	3,179,550
Canada	Dollar			1,317,017	357,135	790,210
East Africa	Shilling			2,440,000	68,922	152,500
Fiji	Pound			6,000	4,930	10,909
Great Britain	do			3,958,530	3,252,832	7,197,327
Iraq	Dinar			60,000	78,465	173,614
Mauritius	Rupee			100,000	15,536	34,375
New Guinea	Pound			68,000	98,312	217,529
New Zealand [3]	do			354,500	291,302	644,545
Southern Rhodesia	do			165,850	252,124	557,859
Straits Settlements	Dollar			234,881	37,066	82,013
Trade coins (circulate in Red Sea area).	Maria Theresa thaler.			3,719,415	1,264,060	2,796,902
Union of South Africa	Pound			443,212	582,719	1,289,344
China [5]	Yuan					
Czechoslovakia	Koruna	[6] 77,385	2,716	1,000,000	441,718	977,360
Cuba	Peso			[4] 12,000,000	4,194,653	9,281,232
Denmark	Krone			417,398	36,390	80,518
Dominican Republic	Dollar			600,000	162,702	360,000
Egypt	Pound			515,000	873,043	1,931,724
France	Franc			24,307,780	240,179	531,429
Indochina	Piastre			1,338,615	847,590	1,875,406
Syria and Grand Lebanon.	Pound			574,144	113,459	251,045
Tunis	Franc	3,300	222	24,180	239	528
Germany	Reichsmark			163,516,753	5,939,962	13,142,962
Guatemala	Quetzal			40,000	13,949	30,865
Honduras	Lempira			4,500,000	735,608	1,627,631
Hungary	Pengö			7,000,000	325,484	720,177
Eire	Pound			25,000	30,815	68,182
Italy	Lira			11,465,250	138,425	306,284
Japan [7]	Yen			46,159,164	4,791,219	10,578,318
Lithuania	Litas			10,029,280	196,737	435,306
Mexico	Peso			12,000,000	2,092,396	4,629,707
Nepal	Rupee	76,716	4,937	2,238,451	288,325	637,958
Netherlands	Florin			11,860,000	1,288,358	2,850,666
	Ducat	116,660	450,876			
East Indies	Florin			4,000,000	527,702	1,167,612
Philippine Islands	Peso			883,000	192,457	425,837
Poland	Zloty			16,600,000	397,991	880,608
Portugal	Escudo			15,000,000	208,059	460,359
Portuguese India	Rupee			50,000	7,768	17,187
San Marino	Lira			750,000	8,758	19,379
Sweden	Krona			4,760,079	411,238	909,919
Switzerland	Franc			6,225,000	275,115	608,729
Travancore	Rupee			193,750	30,101	66,602
Turkey	Lira			5,064,000	732,883	1,621,601
Vatican	Lira			600,000	7,280	16,108
Venezuela	Bolivar			15,850,000	1,008,764	2,232,025
Total			607,026		45,356,266	100,333,925

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.45195.
[3] For year ended Mar. 31, 1938.
[4] Includes coin struck in prior years delivered in 1937.
[5] There were produced for circulation 926 silver mint bars B (of silver fineness of coin, 0.880), each bar containing the same quantity of silver as 1,000 standard silver yuan (dollars). The bars consumed 699,437 fine ounces of silver having a value (on basis of $0.45195 per fine ounce) of $316,111.
[6] Ducats.
[7] Includes coinage during 1936 not previously reported, 22,136,398 yen. The value of the silver consumed in such coin has been computed at the rate of 45.399 cents per fine ounce.

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1938 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			8,998,493	$2,834,013	6,509,435
Belgium trade coins (circulate in Red Sea area).	Maria Theresa thaler.			6,700,000	2,193,484	5,038,206
British Empire:						
Australia	Pound			544,400	797,234	1,831,164
British India	Rupee			8,734,559	1,307,198	3,002,499
British Malaya	Dollar			250,000	76,016	174,600
Canada	do			1,393,357	363,976	836,014
Cyprus Island	Pound			90,000	73,221	168,182
Fiji	do			5,000	3,958	9,091
Great Britain	do					
Newfoundland	Dollar			15,000	4,531	10,406
New Guinea	Pound			30,000	41,782	95,969
New Zealand	do			25,000	19,789	45,454
Southern Rhodesia	do			190,600	279,120	641,109
Union of South Africa	do			219,312	277,766	638,000
China	Dollar			6,480,064	1,942,438	4,461,580
Colombia	Peso			487,707	153,600	352,803
Cuba	do			10,800,000	3,636,700	8,353,125
Dominican Republic	Dollar			490,000	127,999	294,000
Egypt	Pound	20,000	167,384	55,000	89,817	206,301
France	Franc			350,226,130	3,333,549	7,656,819
Indochina	Piastre			2,822,894	725,465	1,666,319
Syria	Pound			75,856	14,440	33,168
Tunis	Franc	6,600	184	12,090	115	264
Germany	Reichsmark			113,924,230	3,986,624	9,156,865
Guatemala	Quetzal			30,000	10,078	23,148
Hungary	Pengö			20,934,000	937,673	2,153,739
Japan [3]	Yen			1,800,358	179,629	412,589
Lithuania	Litas			10,408,450	196,684	451,763
Netherlands	Florin			12,140,000	1,276,211	2,931,326
East Indies	do			5,800,000	741,311	1,702,714
Philippine Islands	Peso			611,307	128,351	294,809
Poland	Zloty			4,031,000	93,099	213,839
Portuguese East Africa	Escudo			7,500,000	100,213	230,179
Sweden	Krona			5,583,210	464,353	1,066,571
Switzerland	Franc			300,000	17,532	40,269
Total			167,568		26,427,969	60,702,319

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.43537.
[3] First 3 months of 1938 only.

COIN BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1937 AND 1938

[Insofar as reported to the Director of the Mint]

Country	1937		1938 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
		Fine ounces		*Fine ounces*
United States	$152,782,603	4,431,287		
Algeria		72,339		
Austria	[2] 26,138	[2] 52,700		
Brazil	[3] 1,310	[2] 138,345		
British Empire:				
Australia	28,081	[2] 9,939	$2,274	[2] 3,781
British India				[2] 35,406,250
British West Indies:				
Jamaica		[2] 7,084		7,250
Other		[4]		
Canada		[2] 656,137		[2] 195,577
Fiji Islands		[4]		
Gold Coast		[2] 19,318		[2] 126,364
Great Britain		4,938,984		
Malta		[4]		
New Zealand		[4]		
Nigeria		[2] 71,556		
Northern Rhodesia		[4]		
Nyasaland		[2] 44,218		[2] 81,393
Sierra Leoni		[2] 2,273		[2] 4,454
Sudan, Anglo-Egyptian		[4]		
Union of South Africa		66,028		35,850
Chile		[2] 11,783		
China		[2] 688,468		
Costa Rica				
Denmark		[2] 82,563	2,579	
Dominican Republic				
Egypt				[2] 169,986
Germany		[2] 2,250,552		[2] 4,482,349
Hungary		[2] 15,286,991		[2] 3,066,771
Indo-China, French		[2] 62		[2] 314
Japan				[2] 162,100
Netherlands		[5] 1,629,398		
Dutch Guiana		[2] 747,368		[2] 834,908
Netherlands East Indies		[2] 10,950		
Netherlands West Indies		[2] 911,655		[2] 1,098,839
Norway		[2] 1,617		
Philippine Islands				[6] [2] 26,910
Poland		[2] 435,630		418,382
Rumania		[2] 164,933		[2] 15,315
Sweden		[2] 2,736,578		[2] 945,210
Switzerland		[2] 31,985		[2] 25,781
Turkey	[2] 3,497,235	[2] 497,210		[2] 81,276
		[2] 1,290,500		
Total	156,335,367	37,288,451	4,853	47,189,060

[1] At $35 per fine ounce of gold.
[2] Domestic coin only.
[3] Foreign coin only.
[4] Included in figure for Great Britain.
[5] For fiscal year ended Mar. 31, 1937.
[6] For fiscal year ended June 30, 1938.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1937 AND 1938

[Includes new and old bullion, domestic and foreign coin, and other materials, insofar as reported to the Director of the United States Mint]

Country	1937		1938 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$39,622,338	51,292,270	$30,156,754	38,620,473
Austria	953,970	265,867		
Brazil	1,015	2,926		
British Empire:				
Australia	420,945	44,594	310,030	34,755
Canada	1,799,064	668,434	950,000	1,096,105
Great Britain	12,250,000	8,500,000		
New Guinea	560			
Uganda			100,765	1,000
Bulgaria	129,407		123,781	
Czechoslovakia	2,160,538	713,730		
Denmark	159,790	1,822,905	163,166	1,575,350
Estonia	52,990	99,810	57,271	121,334
Finland	361,445	415,442	377,869	493,085
France	6,469,435	1,469,520		
Algeria	225,050	155,927	393,848	263,630
Madagascar	58,310			
Morocco	[1] 225,057	[1] 32,150		
Tunis	37,385	243,843	50,330	236,431
Germany	[2] 7,380,842		[2] 7,824,020	
Guatemala	5,100	514	4,250	450
Iceland			1,407	6,430
Hungary	871,895	718,361	939,143	631,868
Latvia		3,408	151,913	250,609
Lithuania	281,225	96,450	281,225	96,450
Mexico	168,792	48,225		
Portuguese East Africa			1,443,458	731,863
Rumania	1,400,000	120,000	1,406,600	128,600
Sweden	1,350,336	570,662	1,395,347	604,420
Switzerland	3,713,424	257,200		
Yugoslavia	502,180	118,198	533,143	120,645
Total	80,601,093	67,660,436	46,664,320	45,013,498

[1] Conjectural.
[2] Gold delivered by the Reichsbank.

REVISIONS, 1937 MONETARY STOCKS

Principal revisions of monetary stocks for 1937, published in last year's volume, give:

Canada's paper circulation reduced from $269,782,000 to $205,135,000 to eliminate amounts held in reserve by banks of issue.

British Honduras' paper circulation reduced from $393,000 to $274,000 to eliminate amounts held in government treasury.

British Guiana's paper circulation as $1,515,000 instead of $1,386,000.

Paraguay's paper circulation as 1,241,446,000 pesos instead of 1,261,870,000 pesos.

Trinidad's gold stock as none instead of $1,000; silver stock as $132,000 instead of $111,000; paper circulation as 2,308,000 West Indian dollars instead of 2,194,000.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1938

The following compilations have been made from answers to official questionnaires of the United States Mint Bureau, central bank reports, and other official sources, except as indicated by footnote 1. It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies (see footnote 6) and those hoarded or held outside of regularly reported stocks. The amount of silver in circulation in many countries is not obtainable.

Population figures are principally from the Statistical Yearbook of the League of Nations, 1938–39.

Monetary stock of principal countries of the world, end of calendar year 1938 (subject to revision)

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e., an ounce of fine gold=$35. Population (000 omitted)

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1938, insofar as known	At average exchange rate during December 1938 [2]									
North America:												
United States (including Alaska, Hawaii and Puerto Rico)	Dollars	$1.0000	$1.0000	[6]$14,511,624		$14,511,624	[3] $5,367,771	6,306,141	[4] 130,694	$111.04	$41.07	48.25
Canada	do	1.6931	.9906	[5] 193,003	$85	193,088	[15] 30,483	209,618	11,209	17.23	2.72	18.70
Mexico	Peso	(7)	.1993	[1] 29,000		29,000	[1 8] 54,409	296,000	19,479	1.49	2.79	15.20
British Honduras	Dollar	1.6931	1.0000				243	274	57		4.26	4.81
Costa Rica	Colon	.7879	[9] .1779	[1] 867		867	128	[1] 27,000	623	1.39	.21	43.34
Cuba	Peso	1.0000	.9993				[8 10] 69,394	[10] 55,349	4,200		16.52	13.18
Dominican Republic	Dollar	1.6931	1.0000				[12] 593	(14)	1,587		.37	.01
Guatemala	Quetzal	1.6931	1.0000	8,742		8,742	1,707	7,677	3,045	2.87	.56	2.52
Haiti	Gourde	.2000					[13] 122	[12] 7,126	2,600		.05	2.74
Honduras	Lempira	.5000	.4902				4,667	2,135	1,000		4.67	2.14
Newfoundland	Dollar	1.6931	.9906				2,042	[16] 29	289		7.07	.10

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1938 (subject to revision)—Continued

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e., an ounce of fine gold=$35. Population (000 omitted)

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1938, insofar as known	At average exchange rate during December 1938									
Nicaragua	Cordoba	$0.6933	$0.1923	$394		$394	$130	9,964	900	$0.44	$0.14	11.07
Panama	Balboa	1.0000					[12] 1,010	([14])	548		1.84	.03
Salvador	Colon	.8466	.4000	6,603		6,603		14,424	1,665	3.97		8.66
West Indies, British:												
Barbados	Dollar	1.7165					644	598	191		3.37	3.13
Jamaica	Pound	8.2397	4.6703					513	1,153			.45
Trinidad	Dollar	1.7165					[10] 132	[10] 2,308	456		.29	5.06
West Indies, French:												
Guadeloupe [18]	French franc	([7])	.0263					[1] 57,900	310			186.77
Martinique [18]	do	([7])	.0263					[1] 58,300	255			228.63
West Indies, Netherlands	Guilder	.6806	.5436				[10 13] 107	[10] 5,118	95		1.13	53.87
South America:												
Argentina	Peso	1.6335	.31135	431,561		431,561		1,117,957	12,958	33.30		86.28
Bolivia	Boliviano	.6180	.0328	[1] 3,486		3,486	[13] 6	[1] 288,090	3,300	1.06		87.30
Brazil	Milreis	.0871	.0586	[1] 32,423		32,423	[10] 41,047	[1] 4,810,000	44,116	.73	.93	109.03
Chile	Peso	.2060	.0312	29,902		29,902	[8 13] 334	794,657	4,635	6.45	.07	171.45
Colombia	do	.5714	.5700	26,970		26,970	11,379	66,231	8,600	3.14	1.32	7.70
Ecuador	Sucre	.3386	.0695	[5] 3,521		3,521	499	69,061	3,000	1.17	.17	23.02
Guiana:												
British	Dollar	1.7165						[10] 1,515	337			4.50
French	French franc	([7])	.0263					[1] 19,900	31			641.94
Paraguay	Peso	1.6335		81		81		1,238,685	950	.09		[1] 303.88
Peru	Sol	.4740	.2020	23,146	5.48	23,694	4,646	107,708	7,100	3.34	.65	15.17
Uruguay	Peso	.6583	.6147	72,799		72,799	[13] 3,127	94,066	2,120	34.34	1.48	44.37
Venezuela	Bolivar	.3267	.3134	6,873	50,760	57,633	38,139	140,443	3,530	16.33	10.80	39.79
Europe:												
Albania	Franc	.3267	.3270	[1] 2,474		2,474	[10] 555	[1] 10,529	1,120	2.21	.50	9.40
Belgium	Belga	.1695	.1684	[6] 728,104		728,104	5,791	22,615,000	8,386	86.82	.69	2,696.76

Bulgaria	Lev	.0122	.0123	24,536		24,536	[8] 22,875	2,800,500	6,371	3.85	3.59	439.57
Czechoslovakia	Koruna	.0351	.0342	[1] 94,605		94,605		[1] 6,949,594	15,239	6.21		456.04
Danzig	Guilder	.1899	.1885	5,382		5,382		41,169	405	13.29		101.65
Denmark	Krone	.4537	.2084	53,366		53,366		441,050	3,793	14.07		116.28
Eire	Pound	8.2397	4.6703	16,462		16,462	[20] 4,737	[20] 17,110	2,937	5.61	1.61	5.83
Estonia	Kroon	.4537	.2591	15,561		15,561	367	51,807	1,134	13.72	.32	45.69
Finland	Mark	.0426	.0206	[5] 25,390	23	25,413		2,085,891	3,630	7.00		574.63
France	Franc	[7]	.0263	[5][6] 2,430,376		2,430,376	[10] 79,074	110,934,775	41,980	57.89	1.88	2,642.56
Germany	Reichsmark	.4033	.4008	28,543		28,543	511,770	8,604,293	78,679	.36	6.50	109.36
Gibraltar	Pound	8.2397	4.6703				112	[21] 225	20		5.60	11.25
Great Britain	do	8.2397	4.6703	[1][6] 2,696,043		2,696,043	[10] 280.218	[1] 538,609	47,485	56.78	5.90	11.34
Greece	Drachma	.0220	.0086	[1] 32,886		32,886	[10] 2,610	[1] 7,239,000	7,107	4.63	.37	1,018.57
Hungary	Pengö	.2961	.1964	36,734		36,734	2,696	863,370	10,111	3.64	.27	85.39
Iceland	Krona	.4537	.2084	508	510	1,018		12,520	118	8.63		106.10
Italy	Lira	.0526	.0526	192,885		192,885		18,956,000	43,509	4.43		435.68
Latvia	Lat	[7]	.1852	[5] 16,924		16,924	7,958	124,258	1,981	8.54	4.02	62.72
Lithuania	Litas	.1693	.1679	10,955		10,955	6,500	141,705	2,575	4.25	2.52	55.03
Malta and Gozo	Pound	8.2397	4.6703				280	850	265		1.06	3.21
Netherlands	Florin	.6806	.5436	994,525		994,525	90,677	992,607	8,727	113.96	10.39	113.74
Norway	Krone	.4537	.2346	93,598		93,598	1,642	474,000	2,921	32.04	.56	162.27
Poland	Zloty	.1899	.1887	84,541		84,541	72,803	1,406,178	35,090	2.41	2.07	40.07
Portugal	Escudo	.0749	.0424	[1] 68,758		68,758		[1] 2,240,000	7,460	9.22		300.27
Rumania	Leu	.0101	.0073	[5] 132,791		132,791	[10][8] 34,912	34,901,649	19,852	6.69	1.76	1,758.09
Spain	Peseta	.3267	.0500	[1] 525,000		525,000		[1] 9,212,000	25,000	21.00		368.45
Sweden	Krona	.4537	.2405	320,870	249	321,119	[13] 218	1,060,676	6,310	50.89	.03	168.09
Switzerland	Franc	[7]	.2261	[6] 699,095		699,095	[10] 45,274	1,751,018	4,210	166.06	10.75	415.92
Bank of International Settlements	do	.3267		13,760		13,760						
Union of Soviet Socialist Republics	Chervonetz								168,000			
Yugoslavia	Dinar	.0298	.0228	[1] 56,955		56,955	[10] 22,143	[1] 6,921,000	15,630	3.64	1.42	442.80
Asia:												
Arabia, Saudi	Pound	8.2397	4.6703	[10] 824		824	[10] 1,635		7,000	.12	.23	
British Malaya (includes Straits Settlements, Federated Malay States, Unfederated Malay States, British North Borneo, and Sarawak).	Dollar	.9613	.5430				15,305	105,435	6,037		2.54	17.46
Ceylon	Rupee	.6180	.3486	14		14	9,639	45,109	5,780		1.67	7.80
China	Yuan		.1611	[1] 18,000		18,000			450,000	.04		
Hong Kong	Dollar		.2917					245,063	988			248.04
Cyprus Island	Pound	8.2397	4.6703				1,027	1,220	373		2.75	3.27
India, British	Rupee	.6180	.3486	274,578		274,578	[13] 254,063	2,064,329	359,186	.76	.71	5.75
Indochina, French	Piaster	[7]	.2632				5,951	166,568	23,300		.26	7.15
Iraq	Dinar	8.2397	4.6703				2,802	[1] 4,000	3,670		.76	1.09
Iran (Persia)	Rial	.0824	.0580	[1] 25,626		25,626	[1][13]23,548	[1] 816,000	15,000	1.71	1.57	54.40
Japan (includes Chosen, Taiwan, Kwantung and Karafuto).	Yen [7]	.8440	.2721	[1] 163,476		163,476		[1] 2,755,000	102,674	1.59		26.83
Netherlands East Indies	Guilder	.6806	.5436	79,552		79,552	[3] 51,857	187,590	67,400	1.18	.77	2.78
Palestine	Pound	8.2397	4.6703				5,184	4,975	1,435		3.61	3.47
Philippine Islands	Peso	.5000	.4984	807		807	[3] 19,009	[12] 183,437	13,685	.96	1.39	13.40
Syria	Pound	[7]	.5204	1,312		1,312	1,185	30,850	3,600	.36	.33	8.57
Thailand (Siam)	Baht or tical	.7491	.4281				[3] 30,492	147,832	14,650		2.08	10.09
Turkey	Lira (pound)	7.440	.8080	[1] 29,378		29,378		204,744	16,800	1.75		12.19

See footnotes at end of table.

Monetary stock of principal countries of the world, end of calendar year 1938 (subject to revision)—Continued

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e., an ounce of fine gold=$35. Population (000 omitted)

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1938, insofar as known	At average exchange rate during December 1938									
Africa:												
Algeria and Tunis	French franc	[7]	$0.0263	$7,819	----	$7,819	$3,156	2,389,816	10,070	$0.78	$0.31	282.00
Belgian Congo	Franc	$0.0339	.0337	5,622	----	5,622	----	[8] 395,826	10,217	.55	----	38.74
British East Africa (Kenya, Tanganyika, Uganda and Zanzibar).[18]	Shilling	.4120	.2335	----	----	----	16,591	54,007	12,468	----	1.33	4.33
British West Africa (Gambia, Gold Coast, Nigeria, Sierra Leone).	Pound	8.2397	4.6703	----	----	----	7,005	2,891	25,183	----	.28	.11
Egypt	do	8.3692	4.7888	52,229	----	52,229	19,454	20,456	16,030	3.26	1.21	1.28
French West Africa	French franc	[7]	.0263	----	----	----	[9] 13,838	[1] 866,600	14,750	----	.94	58.75
Madagascar	do	[7]	.0263	----	----	----	----	[1] 398,400	3,800	----	----	104.84
Morocco	do	[7]	.0263	3,696	----	3,696	1,952	[11] 637,609	7,180	.52	.27	88.80
Nyasaland	Pound	8.2397	4.6703	2	----	2	5,345	72	1,639	----	3.26	.04
Portuguese East Africa	Escudo	.0749	.0424	918	----	918	----	[22] 443,758	4,280	.21	----	103.68
Reunion Island [18]	French franc	[7]	.0263	[1] [17] 586	----	586	----	[1] 64,700	210	2.79	----	308.10
Rhodesia: Southern	Pound	8.2397	4.6703	----	$2,105	2,105	[13] 801	[24] 1,182	1,320	1.59	.61	.89
Somaliland, British	Rupee	.6180	.3486	----	----	----	383	1,000	350	----	1.09	2.86
Southwest Africa	Pound	8.2397	4.6232	----	16	16	[13] 87	300	365	.04	.24	.82
Sudan, Anglo-Egyptian	do	8.3692	4.7888	1	4	5	7,380	1,005	6,187	----	1.19	.16
Union of South Africa	do	8.2397	4.6232	224,085	5,272	229,357	16,052	19,304	9,889	23.19	1.62	1.95
Oceanic:												
Australia [19]	do	8.2397	3.7206	2,628	807	3,435	38,862	49,201	6,930	.50	5.61	7.10
Fiji Islands	do	8.2397	4.2174	----	----	----	356	656	205	----	1.74	3.20
New Guinea	do	8.2397	3.7206	----	----	----	633	[19]	670	----	.94	.06

New Zealand	do	8.2397	3.7372	23,086		23,086	[19] 8,784	[19] 15,334	1,604	14.39	5.48	9.56
Society Islands	French franc	(7)	.0263					[23] 24,061	40			601.53
Papua	Pound	8.2397	3.7206				[19] 30	[19] 9	280		.11	.03
Total				25,696,861	60,379	25,757,240	7,452,377		2,066,823	12.46	3.61	

[1] Data used from other than official sources:
Albania, Federal Reserve Bulletin, March 1939.
Bolivia, Federal Reserve Bulletin, March 1939.
China, Federal Reserve Bulletin, March 1939.
Costa Rica, Statistical Year Book of League of Nations, 1938–39.
Czecho-Slovakia, Statistical Year Book of League of Nations, 1938–39.
French Guiana, Supplement Colonial de L'Economist European, May 19, 1939.
French West Africa, Supplement Colonial de L'Economist European, June 16, 1939.
French West Indies, Supplement Colonial de L'Economist European, Aug. 18, 1939.
Great Britain, The Statist, Feb. 25, 1939.
Greece, Department of Commerce Reports, Mar. 4, 1939.
Iran, The Statist, Feb. 25, 1939.
Iraq, Statistical Year Book of League of Nations, 1938–39.
Italy, Statistical Year Book of League of Nations, 1938–39.
Japan, Federal Reserve Bulletin, March 1939.
Madagascar, Supplement Colonial de L'Economist European, June 16, 1939.
Mexico, gold from Federal Reserve Bulletin, April 1939; silver from Statistical Year Book of League of Nations, 1938–39.
Portugal, The Statist, Feb. 11, 1939.
Reunion Island, Supplement Colonial de L'Economist European, May 19, 1939.
Spain, gold from Federal Reserve Bulletin, February 1939; paper from Banco Central de Chili Bulletin, May 1939.
Turkey, Federal Reserve Bulletin, February 1939.
Yugoslavia, The Statist, Feb. 11, 1939.

[2] Exchange rates have been given insofar as obtainable; in some cases they are nominal.

[3] Includes silver bullion.

[4] Continental United States only.

[5] Bases used for conversions of gold holdings to United States dollars:
Canada, holdings of Government Treasury converted at legal parity; holdings of Bank of Canada reported at current market rate.
Ecuador, revaluation of June 13, 1936, at rate of 11.6466 sucres per gram of fine gold (United States equivalent, $0.0966).
Finland, revaluation of Dec. 22, 1938, at the rate of 50,000 marks per kilogram of fine gold (United States equivalent $0.0225).
France, gold holdings of the Bank of France revalued by decree of Nov. 12, 1938, at 27.5 milligrams of gold 0.900 fine (United States equivalent, $0.027851).
Japan, gold revaluation effective Aug. 25, 1937, at 0.29 gram fine gold per yen (United States equivalent, $0.32633).
Latvia, revaluation of Jan. 1, 1937, on the basis of the price of gold in terms of sterling in London (25.22 lats=£1 sterling) (United States equivalent, $0.1960).
Rumania, revaluation of Nov. 6, 1936, at the rate of 153,333.33 lei per kilogram of fine gold (United States equivalent, $0.0073).
Switzerland, revalued in September 1936, at 0.215 gram of fine gold per franc (United States equivalent, $0.2419).

[6] Gold held in "Exchange equalization funds" not included in above amounts:
United States (December 1938), $80,410,865.
Per Statistical Year Book League of Nations, 1938–39:
Belgium, amount unknown.
France (December 1938), at $35 per ounce, $367,408,000.
United Kingdom (September 1938), at $35 per ounce, $758,520,000.
Switzerland (June 1937), at $35 per ounce, $123,598,000.

[7] Colombia, law of Nov. 19, 1938, established new gold content of peso at 0.507816 gram of fine gold (United States equivalent, $0.5714).
France, law of Oct. 1, 1936, provided for new gold content of franc to be fixed within limits of 43 and 49 milligrams of gold 0.900 fine. This law was superseded by decree of June 30, 1937, which stated that gold content of the franc shall be fixed ultimately by a decree adopted by the Council Ministers. Until issuance of such decree a stabilization fund shall regulate the relationship between the franc and foreign currencies.
Indochina, French, monetary unit, the piaster, has a par value of 10 French francs.
Latvia, law of Sept. 28, 1936, pegged the lat to sterling at 2,522 lati to £100.
Mexico, decree of Aug. 28, 1936, left the monetary unit the peso, to be later defined by law.
Switzerland, order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the Swiss franc at a value ranging between 190 and 215 milligrams of fine gold.
Syria, monetary unit, the Syrian pound, has a par value of 20 French francs.
Uruguay, monetary unit, the peso, established by monetary law of Jan. 12, 1938, at 0.585018 gram of pure gold (United States equivalent, $0.6583).

[8] Includes base metal coin.

[9] Average exchange rate for 1938.

[10] Prior years' figures at new equivalents where equivalents other than the legal parity are applicable.

[11] Including silver.

[12] United States coin and currency also circulate.

[13] Silver in circulation not included.

[14] United States currency is circulating media.

[15] Net issues of silver coin.

[16] Exclusive of Canadian bank notes which are the principal circulating media.

[17] Gold and silver.

[18] On June 30, 1938.

[19] Australian coins and notes are the circulating media.

[20] Exclusive of British coins and currency which still circulate in Erie.

[21] Spanish bank notes and coin also circulate.

[22] Includes 541,978 British sterling converted to escuados at 111.89 to the pound.

[23] Indochina notes are the circulating media.

[24] Includes notes in circulation in Northern Rhodesia and in Nyasaland.

WORLD PRODUCTION OF GOLD AND SILVER

[The production figures given below are based upon the unpublished data, principally interrogatory replies, in the files of the Bureau of the Mint]

Country	Calendar year 1937						Calendar year 1938 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45195 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.43537 per ounce)[1]
North America:												
United States	127,903	4,112,160	$143,925,600	2,217,645	71,298,929	$32,223,551	132,046	4,245,377	$148,588,195	1,918,737	61,688,834	$26,857,468
Canada	127,396	4,095,872	143,355,520	705,521	22,683,032	10,251,596	146,668	4,715,480	165,041,800	689,165	22,157,164	9,646,564
Mexico	26,326	846,400	29,624,000	2,633,870	84,680,875	38,271,522	[11] 28,734	923,819	32,333,665	[11]2,519,967	81,018,809	35,273,159
Newfoundland	705	22,673	793,555	45,026	1,447,613	654,249	750	24,104	843,640	51,900	1,668,622	726,468
Total	282,330	9,077,105	317,698,675	5,602,062	180,110,449	81,400,918	308,198	9,908,780	346,807,300	5,179,769	166,533,429	72,503,659
Central America and West Indies	4,354	[2] 140,000	4,900,000	111,973	[2] 3,600,000	1,627,020	5,101	[2] 164,000	5,740,000	[2] 133,745	4,300,000	1,872,091
South America:												
Argentina	325	10,449	365,715	17,324	556,979	251,727	335	10,770	376,950	[10] 116,793	3,755,000	1,634,814
Bolivia	[7] 1,154	37,092	1,298,220	[7] 294,053	9,454,022	4,272,745	900	28,937	1,012,795	[11] 198,243	6,373,660	2,774,900
Brazil	4,534	145,771	5,101,985	1,376	44,239	19,994	5,977	192,166	6,725,810	887	28,516	12,415
Chile	8,481	272,670	9,543,450	55,559	1,786,263	807,302	9,145	294,002	10,290,070	[11] 43,983	1,414,086	615,651
Columbia	13,755	442,222	15,477,770	5,224	167,971	75,914	16,196	520,713	18,224,955	5,999	192,872	83,971
Ecuador	1,850	59,500	2,082,500	3,064	98,500	44,517	[11] 2,303	74,042	2,591,470	[11] 2,772	89,111	38,796
Guiana—												
British	927	29,809	1,043,315				[11] 1,236	39,726	1,390,410			
Dutch (Surinam)	329	[6] 10,600	371,000				[11] 440	14,146	495,110			
French	1,436	46,152	1,615,320				[11] 1,264	40,638	1,422,330			
Peru	5,246	168,663	5,903,205	528,560	16,993,595	7,680,255	[7] 7,915	254,473	8,906,555	[7] 635,272	20,424,466	8,892,200
Uruguay							20	657	22,995			
Venezuela	3,624	116,514	4,077,990				3,576	114,978	4,024,230			
Total	41,661	1,339,442	46,880,470	905,160	29,101,569	13,152,454	49,307	1,585,248	55,483,680	1,003,949	32,277,711	14,052,747
Europe:												
Bulgaria	20	643	22,505				25	803	28,105			
Czechoslovakia	307	9,870	345,450	34,321	1,103,446	498,702	[10] 311	10,000	350,000	[11] 37,023	1,190,326	518,232
Finland	150	4,822	168,770				120	3,858	135,030	120	3,858	1,680
France	2,263	72,757	2,546,495	12,442	[3] 400,000	180,780	2,717	87,354	3,057,390	17,573	[11] 565,000	245,984
Germany [13]	250	8,038	281,330	210,700	6,774,161	3,061,582	[11] 269	8,650	302,750	218,035	[11] 7,010,000	3,051,944
Great Britain	2	64	2,240	2,222	71,439	32,287				2,333	[10] 75,000	32,653
Greece				11,508	[10] 370,000	167,222				4,666	[10] 150,000	65,306
Hungary	160,	5,144	180,040	1,586	50,991	23,045	176	5,655	197,925	1,450	46,632	20,302

Italy	[6] 536	17,232	603,120	20,217	[10] 650,000	293,768	[11] 156	5,016	175,560	[11] 25,271	812,481	353,730
Norway				8,600	276,496	124,962				[5] 6,400	205,765	89,584
Poland				1,998	64,237	29,032				1,936	62,244	27,099
Rumania	5,180	166,540	5,828,900	20,846	670,214	302,903	5,364	172,453	6,035,855	25,501	819,876	356,949
Spain [8]				18,662	[6 10] 600,000	271,170	62	[6 10] 2,000	70,000	15,552	[6 10] 500,000	217,685
Sweden	5,023	161,493	5,652,255	17,131	550,774	248,922	6,158	197,994	6,929,790	20,013	643,418	280,124
Switzerland	30	964	33,740				[11] 35	1,125	39,375			
Union of Socialist Soviet Republics	165,683	5,358,982	187,564,370	224,845	7,228,933	3,267,116	162,855	5,235,909	183,256,815	[11] 249,503	8,021,707	3,492,411
Yugoslavia	2,724	87,578	3,055,230	69,751	2,242,546	1,013,519	2,436	78,318	2,741,130	78,508	2,524,074	1,098,906
Total	183,328	5,894,127	206,294,445	654,829	21,053,237	9,515,010	180,684	5,809,135	203,319,725	703,884	22,630,381	9,852,589
Asia:												
British India [12]	10,315	[9] 331,636	11,607,260	192,986	6,204,642	2,804,188	10,027	[11] 322,397	11,283,895	184,966	[11] 5,946,794	2,589,056
British Malay States: Federated and Unfederated	1,068	34,347	1,202,145				1,269	40,794	1,427,790			
China [14]	[4] 4,820	154,966	5,423,810	[4] 4,560	146,607	66,259	5,847	[10] 188,000	6,580,000	4,665	[10] 150,000	65,305
Chosen (Korea)	22,848	734,580	25,710,300	83,139	2,672,978	1,208,052	29,500	[11] 948,447	33,195,645	93,310	[11] 3,000,000	1,306,110
Cyprus Island	736	23,650	827,750	4,136	132,968	60,095	945	30,366	1,062,810	6,221	200,018	87,082
Indochina	182	5,851	204,785	110	3,537	1,599	321	10,320	361,200	75	2,411	1,050
Japan	22,198	[4] 713,685	24,978,975	303,743	[4] 9,765,572	4,413,550	23,639	[10] 760,000	26,600,000	314,145	[11] 10,100,000	4,397,237
Netherland East Indies	1,730	55,621	1,946,735	15,556	500,105	226,022	[11] 2,373	76,302	2,670,570	[11] 18,013	579,131	252,136
Philippine Islands	22,300	716,967	25,093,845	22,387	719,771	325,301	28,095	903,265	31,614,275	36,317	1,167,612	508,343
Sarawak	598	19,214	672,490				576	18,520	648,200	52	1,660	723
Siam or Thailand	428	13,768	481,880				424	13,620	476,700			
Taiwan	1,294	[4] 41,608	1,456,280	402	[4] 12,936	5,846	1,866	[10] 60,000	2,100,000	467	[11] 15,000	6,530
Turkey	16	514	17,990	12,759	410,211	185,395				9,487	[10] 305,000	132,788
Total	88,533	2,846,407	99,624,245	639,778	20,569,327	9,296,308	104,882	3,372,031	118,021,085	667,718	21,467,626	9,346,360
Oceania:												
Australia:												
New South Wales	2,134	68,607	2,401,245	304,207	9,780,499	4,420,296	2,782	89,446	3,130,610	295,483	9,500,000	4,136,015
Northern Territory	359	11,563	404,705				385	12,378	433,230			
Queensland	3,959	127,281	4,454,835	101,553	3,264,994	1,475,614	4,710	151,432	5,300,120	109,904	3,533,490	1,538,376
South Australia	216	6,962	243,670	30	955	432	166	[11] 5,292	185,220	15	[11] 503	219
Tasmania	631	20,276	709,660	32,994	1,060,785	479,422	690	22,200	777,000	37,932	[10] 1,219,550	530,955
Victoria	4,535	145,799	5,102,965	169	5,443	2,460	4,486	144,243	5,048,505	183	5,898	2,568
West Australia	31,124	1,000,647	35,022,645	5,599	180,000	81,351	36,322	1,167,791	40,872,685	8,439	[11] 271,346	118,136
Fiji	775	24,917	872,095	108	3,472	1,569	2,873	92,369	3,232,915	385	12,378	5,389
New Guinea (Australian mandate)	6,754	[7] 217,152	7,600,320	5,073	[6 7] 163,100	73,713	7,345	236,133	8,264,655	4,409	141,760	61,718
Papua	1,138	36,582	1,280,370				1,668	53,632	1,877,120			
New Zealand	5,241	168,487	5,897,045	13,809	443,981	200,657	4,729	152,050	5,321,750	11,128	357,709	155,736
Total	56,866	1,828,273	63,989,555	463,542	14,903,229	6,735,514	66,156	2,126,966	74,443,810	467,878	15,042,634	6,549,112

See footnotes at end of table.

World Production of Gold and Silver—Continued

Country	Calendar year 1937						Calendar year 1938 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45195 per ounce	Kilos fine	Ounces fine	Value ($35 (per ounce)	Kilos fine	Ounces fine	Value ($0.43537 per ounce)
Africa:												
Algeria				[4] 1,407	45,236	$20,445				2,799	[10] 90,000	$39,183
Bechuanaland	546	17,570	$614,950	47	1,503	679		19,111	$668,885	35	1,127	491
Belgian Congo	13,427	431,668	15,108,380	100,000	3,215,074	1,453,053	15,000	482,261	16,879,135	96,950	3,117,014	1,357,054
British West Africa:												
Gold Coast	17,393	559,212	19,572,420				20,992	674,927	23,622,445			
Nigeria	823	26,466	926,310	3,176	102,120	46,153	772	[11] 24,815	868,525	3,110	[11] 100,000	43,537
Sierra Leone	1,111	35,717	1,250,095	46	1,487	672	947	30,442	1,065,470	40	1,271	553
Cameroon	442	14,211	497,385				[11] 483	15,529	543,515			
Egypt	38	1,222	42,770				67	2,154	75,390			
Eritrea	[4] 50	1,608	56,280				50	[11] 1,600	56,000			
Ethiopia (Abyssinia)	[4] 800	25,721	900,235				800	[3] 25,721	900,235			
French Equatorial Africa	601	19,339	676,865				[11] 1,245	40,028	1,400,980			
French West Africa	3,994	128,410	4,494,350				[7] 3,957	127,220	4,452,700			
Kenya Colony	1,704	54,774	1,917,090	235	7,549	3,412	2,160	69,436	2,430,260	322	10,340	4,502
Liberia							59	[11] 1,902	66,570			
Madagascar	419	13,471	471,485				428	13,760	481,600			
Morocco (French)	144	4,630	162,050	[4] 2,745	88,254	39,886	233	7,491	262,185	6,500	208,980	90,983
Nyasaland								5	175			
Portuguese East Africa	346	11,129	389,515	46	1,474	666	304	9,785	342,475	56	1,808	787
Rhodesia:												
Northern	132	4,228	147,980	2,608	83,861	37,901	34	[11] 1,113	38,955	2,745	[11] 88,237	38,416
Southern	25,014	804,220	28,147,700	4,729	152,038	68,714	25,321	814,078	28,492,730	5,176	166,417	72,453
Southwest Africa	86	2,750	96,250	10,721	[10] 344,700	155,782	56	1,812	63,420	19,794	636,396	277,068
Sudan	230	7,388	258,580				276	8,866	310,310			
Swaziland	75	2,410	84,350				39	[11] 1,246	43,610			
Tanganyika	2,341	75,278	2,634,730	364	11,696	5,286	2,546	81,857	2,864,995	507	16,305	7,099
Transvaal, Cape Colony, and Natal	364,986	11,734,575	410,710,125	34,234	1,100,641	497,435	378,262	12,161,392	425,648,720	35,314	1,135,374	494,308
Tunis				[4] 1,339	43,050	19,456				2,675	[10] 86,000	37,442
Uganda	527	16,947	593,145	43	1,379	623	638	20,502	717,570	62	1,981	862
Total	435,229	13,992,944	489,753,040	161,740	5,200,062	2,350,168	455,263	14,637,053	512,296,855	176,085	5,661,250	2,464,738
Total for world	1,092,301	35,118,298	1,229,140,430	8,539,084	274,537,873	124,077,392	1,169,591	37,603,213	1,316,112,455	8,333,028	267,913,031	116,641,296

[1] Average price per fine ounce in New York.
[2] Estimate based on imports of ore and bullion into United States and Great Britain and interrogatory data.
[3] Estimate based on other years' production.
[4] Prior years' figures.
[5] Fiscal year ended June 30.
[6] Conjectural.
[7] Amount exported.
[8] Including production for Portugal.
[9] Incomplete.
[10] Data from Year Book of the American Bureau of Metal Statistics.
[11] United States Bureau of Mines.
[12] Including Burma.
[13] Including Austria.
[14] Including Manchuria.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [1]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480,657,035	4.4	95.6	40.5	59.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32.8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.6	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1937, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

Production of gold and silver in the world since the discovery of America—Continued

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value	Fine ounces	Commercial value	Fine ounces	Commercial value	Gold	Silver	Gold	Silver
1901–1905	15,606,730	$322,619,800	78,033,650	$1,613,099,100	167,995,408	$95,942,178	839,977,042	$479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,503,000			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,966,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,022,180	455,239,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8
1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8
1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,556,347	466,284,303			210,013,423	126,969,915	9.7	90.3	78.6	21.4
1914			21,652,883	447,608,337			172,263,596	95,282,440	11.2	88.8	82.4	17.6
1915			22,846,608	472,283,884			173,000,507	88,337,519	11.7	88.3	84.2	15.8
1916			22,032,542	455,455,670			180,801,919	121,410,297	10.9	89.1	79.0	21.0
1917			20,346,043	420,592,147			186,125,017	156,345,014	9.9	90.1	72.9	27.1
1918			18,588,127	384,251,378			203,159,431	200,000,302	8.4	91.6	65.8	34.2
1919			17,339,679	358,443,791			179,849,940	201,588,402	8.8	91.2	64.0	36.0
1920			16,146,830	333,784,924			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,997,692	330,702,190			171,285,542	108,074,326	8.5	91.5	75.4	24.6
1922			15,496,859	320,349,102			209,815,448	158,207,142	6.9	93.1	66.9	33.1
1923			17,845,349	368,896,948			246,009,534	172,275,556	6.8	93.2	68.2	31.8
1924			18,619,481	384,899,578			239,484,703	178,310,730	7.2	92.8	68.3	31.7
1925			18,673,178	384,009,921			245,213,993	172,498,235	7.1	92.9	69.0	31.0
1926			19,117,568	395,198,984			253,795,166	159,568,635	7.0	93.0	71.2	28.8
1927			19,058,736	393,979,954			253,981,085	144,947,005	7.0	93.0	73.1	26.9
1928			18,885,849	390,386,574			257,925,154	151,213,780	6.8	93.2	72.1	27.9
1929			19,207,452	397,153,303			260,970,029	139,960,836	6.9	93.1	73.9	26.1
1930			20,903,736	432,118,638			248,708,426	96,309,849	7.8	92.2	81.8	18.2
1931			22,284,290	460,650,527			195,919,987	56,842,265	10.2	89.8	89.0	11.0
1932			24,098,676	498,163,970			164,892,802	46,506,363	12.8	87.2	91.5	8.5
1933			25,400,295	525,070,547			169,159,054	59,200,666	13.1	86.9	89.9	10.1
1934			27,372,374	958,033,090			190,398,156	91,929,942	12.6	87.4	91.2	8.8
1935			29,999,245	1,049,973,580			220,704,231	142,535,205	12.0	88.0	88.0	12.0
1936			32,930,554	1,152,569,390			253,695,856	115,175,382	11.5	88.5	90.9	9.1
1937			35,118,298	1,229,140,430			274,573,873	124,077,392	11.3	88.7	90.8	9.2
1938			37,603,213	1,316,112,455			267,913,031	116,641,296	12.3	87.7	91.9	8.1
Total			1,294,974,282	29,103,425,879			16,714,819,121	15,254,018,861	7.2	92.8	65.6	34.4

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ANNUAL REPORT *of the* DIRECTOR OF THE MINT

FISCAL YEAR ENDED JUNE 30, 1938

INCLUDING REPORT ON THE PRODUCTION *of the* PRECIOUS METALS DURING THE CALENDAR YEAR 1937

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THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1938

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1937

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REPORT OF THE DIRECTOR OF THE MINT ON THE OPERATIONS OF THE MINT SERVICE FOR THE FISCAL YEAR 1938

ANNUAL REPORT OF THE DIRECTOR OF THE MINT

TREASURY DEPARTMENT,
BUREAU OF THE MINT,
Washington, D. C., September 3, 1938.

SIR: In compliance with the provisions of section 253, title 31, U. S. Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1938, being the Sixty-sixth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1937.

OPERATION OF THE MINTS AND ASSAY OFFICES

Institutions of the Mint Service

During the fiscal year ended June 30, 1938, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, merely bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

Coinage

Domestic coin manufactured during the fiscal year amounted to 540,375,283 pieces, as compared with 760,915,737 pieces during the preceding year when the output was the largest of any fiscal year in the history of the Government. As in previous years, the coin most largely produced was the one-cent piece. The production in 1938, in amount, $26,610,910, consisted of 111,754,358 subsidiary silver coins, $19,854,941; 61,744,005 nickel coins, $3,087,200; and 366,876,920 bronze coins, $3,668,769.

Coinage for foreign governments amounted to 18,392,444 pieces, compared with 42,550,000 pieces during the prior year. The foreign coinage consisted of 8,672,348 silver, nickel, and bronze coins for Honduras, Nicaragua, and Colombia, made at Philadelphia, and 9,720,096 silver coins for China, made at San Francisco.

The grand total of domestic and foreign coins made in 1938 amounted to 558,767,727 pieces, a decrease of 244,698,010 pieces over that of the prior year.

Bullion Deposit Transactions

The number of bullion deposit transactions during the year totaled 56,005, including 298 inter-mint-service transactions. The deposit transactions required 85,187 assay determinations, which compares with 97,293 assay determinations during the prior year.

Gold Operations

Gold acquisitions by the mints and assay offices during the year amounted to $1,129,033,865.49; receipts from other Treasury offices of domestic and foreign coin melted during the year amounted to $1,358,071.81; and transfers between mint-service institutions amounted to $79,970,670.53. These transactions total $1,210,362,607.83, compared with $7,759,425,211.99 for the prior year.

The acquisitions include $1,028,668.49 of gold received at $20.67+ per fine ounce. The increment on this gold amounted to $713,015.63.

Silver Operations

The Government's acquisitions of silver during the year totaled 406,661,895 fine ounces, at an average cost of 49.8+ cents per fine ounce and a total cost of $202,740,642. The acquisitions consist of the following:

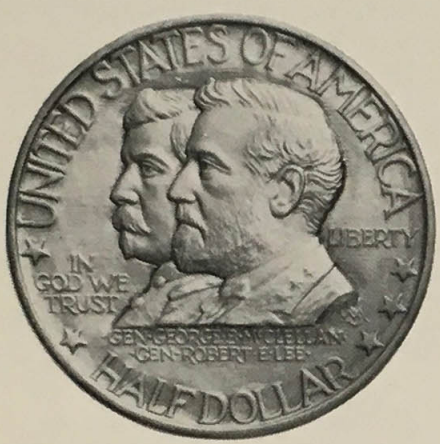
Item	Amount (fine ounces)	Cost
Newly mined domestic silver	68,715,543	$51,341,249
Nationalized silver	17,351	8,677
Purchase Act silver	337,225,185	151,082,730
Silver contained in gold bullion deposits, etc	415,082	181,807
Silver received in exchange for Government stamped bars	288,734	126,179
Total	406,661,895	202,740,642

United States coin received for recoinage totaled 3,641,169 fine ounces, with a recoinage value of $5,033,584. Silver deposited by other governments, for foreign coinage, totaled 725,250 fine ounces. Silver transfers between mint-service institutions totaled 1,325,932 fine ounces. These items plus the silver acquired during the year brought the total transactions in silver to 412,354,246 fine ounces, compared with the prior year's total of 254,696,986.

During the year 1938, $201,967,413 of silver certificates were issued against 156,209,171 fine ounces of silver bullion valued at $1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 58.3+ cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is $110,870,809 and this amount constitutes seignorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1938 averaged $0.44537. The highest point was $0.45062, which prevailed from July 1, 1937, to March 25, 1938, with $0.44062 on March 28th and $0.43062 during the remainder of the fiscal year.

For newly mined domestic silver a return to the depositor of $0.7757+ per fine ounce, established by the President's proclamation



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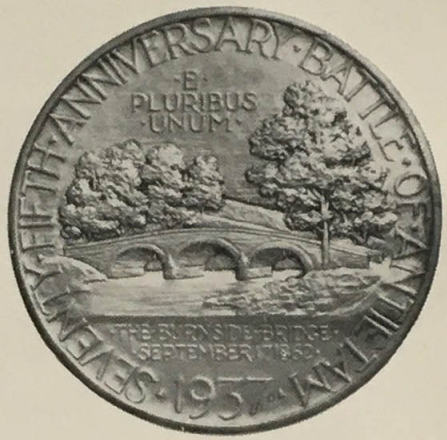

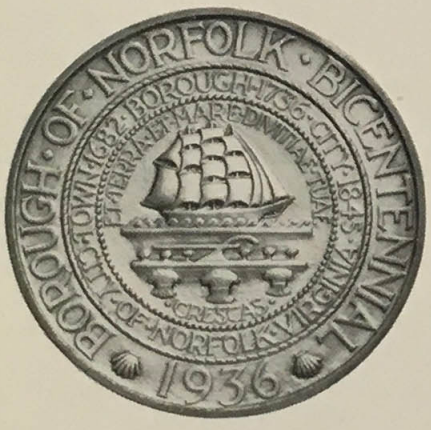

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COMMEMORATIVE HALF DOLLARS.

1. ANTIETAM, MD., BATTLE OF, 75TH ANNIVERSARY.
2. NORFOLK, VA., FOUNDING ANNIVERSARIES.

of April 24, 1935, prevailed until the end of December 1937, after which the return was $0.6464+ established by proclamation of December 30, 1937. The latter rate prevailed during the remainder of the fiscal year.

Refineries

The electrolytic refineries produced during the year 3,079,343 fine ounces (105.6 tons) of electrolytically refined gold bullion, and 1,605,294 fine ounces (55.0 tons) of silver bullion. During the prior year the quantities produced were 3,351,715 fine ounces (114.9 tons) of gold and 1,641,602 fine ounces (56.3 tons) of silver.

The electrolytic refineries at the Denver and San Francisco mints remained closed most of the year because of other more urgent activities.

Stocks of unrefined gold and silver bullion in mint institutions increased during the fiscal year 1938 by approximately 274 tons, to 1,589 tons. The increase in 1937 was about 250 tons.

Commemorative Coins

Commemorative half dollars, bearing special designs relating to historic events, were issued during the fiscal year 1938, as follows:

Commemorative coins (half dollars) issued during the fiscal year 1938

Occasion commemorated	Date of law	Pieces
Antietam, battle of, seventy-fifth anniversary	June 24, 1937	50,000
Norfolk, Va., three hundredth anniversary of original land grant and two hundredth anniversary of the establishment of the city of Norfolk as a borough	June 28, 1937	25,000

The Antietam coin obverse carries accolated portraits of Gens. Geo. B. McClellan and Robert E. Lee while the reverse bears a likeness of the Burnside Bridge and the date of the battle of Antietam. The design is by Wm. Marks Simpson.

The Norfolk coin, also designed by Wm. Marks Simpson, bears on the obverse the official seal of the city of Norfolk—a ship, plow, shocks of grain, Latin wording—and in a border and an inner border wording appropriate to the occasion commemorated. On the reverse, in center, vertically, is a mace, and horizontally the year 1636 between floral sprays; above are the words Norfolk—Virginia and Land—Grant.

Other data on the two coins are those required by law.

Stock of Coin and Monetary Bullion in the United States

On June 30, 1938, the estimated stock of domestic coin in the United States was $1,077,724,054, of which $547,079,218 was standard silver dollars, $373,461,485 subsidiary silver coin, and $157,183,351 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at $12,962,953,931, an increase of $644,682,766; and the stock of silver bullion was 1,678,532,406 fine ounces, an increase of 395,043,598.

Production of Gold and Silver

Domestic gold production during the calendar year 1937 was 4,804,540 fine ounces with a monetary value of $168,158,900 compared with 4,357,394 fine ounces with a monetary value of $152,508,800 in 1936. The quantity output was about 98 percent of that for the record year 1915, when the total was 4,887,604 fine ounces.

Domestic silver production during the calendar year 1937 totaled 71,941,794 ounces. This compares with 63,812,176 ounces for 1936, and with the record production of 74,961,075 fine ounces for 1915.

Industrial Consumption of Gold and Silver

Gold consumption in the industrial arts during the calendar year 1937 is estimated at $39,622,338. Gold returned from industrial use amounted to $36,407,945, leaving $3,214,393 as net industrial consumption of new gold, which compares with an excess return from industry of $2,907,833 during the previous year.

Silver used in the arts is estimated at 51,292,270 fine ounces, of which 27,727,284 fine ounces was new material.

Compared with the prior year, there was an increase in gold consumption of approximately 190,000 ounces, and an increase in silver consumption in industry of about 15,500,000 ounces.

Mint Buildings

The silver bullion depository, constructed on a site formerly included in the military reservation at West Point, was completed during the fiscal year 1938. It will be operated as an auxiliary of the New York assay office. It will be occupied at once for the storage of silver bullion previously temporarily placed in the assay office at New York, the old assay office building at New York, the subtreasury building, and in rented vaults.

Additional vaults for silver storage are under construction at the new San Francisco Mint, which was first occupied during the previous fiscal year.

Appropriations, Expenses, and Income

Regular appropriations available for the mint service during the fiscal year 1938 totaled $1,353,560; the appropriation for meeting emergency expenses amounted to $1,120,000; the deficiency act of March 5, 1938, provided funds for silver movements (totaling $110,700, available during the two fiscal years 1938 and 1939) of which $17,360 were obligated in 1938; and reimbursements to appropriations for services rendered amounted to $167,837, making a total of $2,658,757.

Expenses amounted to $2,720,123, of which $2,618,125 was chargeable to appropriations and $101,998 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated $18,676,153, of which $15,216,162 was seigniorage. The seigniorage on subsidiary silver coin was $9,852,612, and on minor coin $5,363,550. Extraordinary income aggregated $111,583,825, of which $110,870,809 was seigniorage on silver bullion revalued to $1.29+per ounce, and $713,016 was the increment to $35 per ounce on revalued gold.

BULLION DEPOSITORY, WEST POINT, N. Y.

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1938, and number of employees on June 30, 1938, at each institution are shown in the following table:

Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1938

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts including transfers [1]	Gross regular income	Gross expenses	Excess of income (+) or of expenses (−)	Employees, June 30, 1938
Philadelphia	8,420	12,554	$57,000,127	$12,530,547	$1,043,979	+$11,486,568	382
San Francisco	18,566	25,311	564,046,937	2,358,476	429,444	+1,929,032	184
Denver	5,538	10,049	110,199,236	2,125,239	412,229	+1,713,010	174
New York	17,027	29,628	987,058,661	1,580,855	568,951	+1,011,904	213
New Orleans	2,515	2,517	1,025,619	7,010	29,709	−22,699	13
Seattle	3,939	5,128	23,564,864	73,981	43,600	+30,381	18
Fort Knox					66,621	−66,621	37
Total	56,005	85,187	1,742,895,444	18,676,108	2,594,533	+16,081,575	1,021
Bureau of the Mint				45	125,590	−125,545	47
Grand total	56,005	85,187	1,742,895,444	18,676,153	2,720,123	+15,956,030	1,068
Prior fiscal year	(2)	97,293	8,060,361,493	34,071,751	4,839,386	+29,232,365	1,212

[1] Includes inter-institution transactions $81,684,846.

[2] Not previously reported.

Domestic Coinage

Details of the coinage executed during the fiscal year ended June 30, 1938, follow:

Denomination	Philadelphia	San Francisco	Denver	Total face amount	Total pieces
Silver:					
Half dollars:					
Regular	$4,337,169.00	$759,000.00	$838,000.00	$5,934,169.00	11,868,338
Battle of Antietam, Seventy-fifth Anniversary	25,014.00			25,014.00	50,028
Arkansas Centennial	3,003.00	3,003.00	3,002.50	9,008.50	18,017
Daniel Boone bicentennial		2,503.00		2,503.00	5,006
Norfolk, Va., tercentennial of land grant and bicentennial of the city	12,506.50			12,506.50	25,013
Oregon Trail	3,003.00	3,003.00	3,002.50	9,008.50	18,017
Texas Centennial	2,502.50	2,503.00	2,502.50	7,508.00	15,016
Quarter dollars	5,526,518.25	45,000.00	894,700.00	6,466,218.25	25,864,873
Dimes	5,898,605.00	569,000.00	921,400.00	7,389,005.00	73,890,050
Total silver	15,808,321.25	1,384,012.00	2,662,607.50	19,854,940.75	111,754,358
Minor:					
5-cent nickel	2,322,600.25	7,000.00	757,600.00	3,087,200.25	61,744,005
1-cent bronze	3,206,169.20	247,800.00	214,800.00	3,668,769.20	366,876,920
Total minor	5,528,769.45	254,800.00	972,400.00	6,755,969.45	428,620,925
Total coinage	21,337,090.70	1,638,812.00	3,635,007.50	26,610,910.20	540,375,283
Prior year:					
Total coinage, face amount	34,066,134.95	4,875,340.50	6,445,419.50	45,386,894.95	
Total coinage, pieces	576,557,917	65,173,581	119,184,239		760,915,737

Coinage by the United States for Other Countries

The coinage for other countries during the same period totaled 18,392,444 pieces, as compared with 42,550,000 pieces during the prior fiscal year, as follows:

Country	Philadelphia	San Francisco	Total
	Pieces	*Pieces*	*Pieces*
Silver:			
China		9,720,096	9,720,096
Honduras	2,500,000		2,500,000
Total silver	2,500,000	9,720,096	12,220,096
Nickel:			
Colombia	3,872,348		3,872,348
Nicaragua	300,000		300,000
Total nickel	4,172,348		4,172,348
Bronze:			
Nicaragua	2,000,000		2,000,000
Total bronze	2,000,000		2,000,000
Total coinage	8,672,348	9,720,096	18,392,444
Prior fiscal year, total coinage	42,550,000		42,550,000

Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1938, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1937:		1938—Continued.	
July	$42,691.03	February	$23,779.30
August	40,507.57	March	19,151.77
September	22,226.29	April	20,881.92
October	30,990.36	May	15,425.61
November	20,529.04	June	27,013.97
December	36,776.55		
1938:		Total	313,368.15
January	13,394.74		
		Prior fiscal year	677,299.22

Receipts and Disbursements of Gold Bullion and Balances on Hand

Receipts and disbursements of gold bullion during the fiscal year 1938, and balances on hand June 30, 1938, as compared with June 30, 1937, are shown in the following table:

Institution	Balance on hand June 30, 1937	Receipts during fiscal year 1938 (details below)[1]	Total	Disbursements during fiscal year 1938 (details below)[1]	Balance on hand June 30, 1938
Philadelphia	$54,419,167.42	$5,154,185.77	$59,573,353.19	$54,346,590.10	$5,226,763.09
San Francisco	255,154,241.51	382,675,359.77	637,829,601.28	72,034.01	637,757,567.27
Denver	3,765,567,972.46	61,574,313.64	3,827,142,286.10	23,594.41	3,827,118,691.69
New York	2,714,965,248.45	682,529,233.54	3,397,494,481.99	431,195,815.51	2,966,298,666.48
New Orleans	407,841.21	1,014,387.42	1,422,228.63	1,250,165.85	172,062.78
Seattle	3,188,802.78	23,527,061.08	26,715,863.86	24,473,653.64	2,242,210.22
Fort Knox	5,523,706,735.45		5,523,706,735.45		5,523,706,735.45
Total	12,317,410,009.28	1,156,474,541.22	13,473,884,550.50	511,361,853.52	12,962,522,696.98

DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Transfers from other Treasury offices	Increment to $35 per ounce on receipts at $20.67+	Total
Philadelphia	$5, 126, 621. 79	$23, 624. 79			$3, 939. 19	$5, 154, 185. 77
San Francisco	382, 568, 869. 30	97, 062. 32	$6, 822. 51		2, 605. 64	382, 675, 359. 77
Denver	35, 822, 663. 46	23, 757. 70	25, 725, 554. 83		2, 337. 65	61, 574, 313. 64
New York	552, 311, 381. 44	78, 029. 19	54, 235, 130. 96	$75, 896, 976. 14	7, 715. 81	682, 529, 233. 54
New Orleans	1, 011, 500. 60	1, 140. 86	1, 313. 11		432. 85	1, 014, 387. 42
Seattle	23, 524, 022. 90	2, 342. 73	350. 00		345. 45	23, 527, 061. 08
Total	1, 000, 365, 059. 49	225, 957. 59	79, 969, 171. 41	75, 896, 976. 14	17, 376. 59	1, 156, 474, 541. 22

DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and unparted bars paid to depositors and issued in exchange for other gold	Transfers to mints, assay offices, and depository	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia	$108, 016. 53	$54, 235, 130. 96	$3, 442. 61	$54, 346, 590. 10
San Francisco	59, 331. 04		12, 702. 97	72, 034. 01
Denver	11, 031. 34		12, 563. 07	23, 594. 41
New York	431, 102, 666. 50	10, 220. 96	82, 928. 05	431, 195, 815. 51
New Orleans		1, 250, 165. 85		1, 250, 165. 85
Seattle		24, 473, 653. 64		24, 473, 653. 64
Total	431, 281, 045. 41	79, 969, 171. 41	111, 636. 70	511, 361, 853. 52

[1] Includes transfers.

Minor Coins Outstanding

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1938. Minor coins were first manufactured at the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints unissued	Issued	Melted	Amount issued and outstanding June 30, 1938
Copper half cents [1]	$39, 926. 11		$39, 926. 11	$1. 84	$39, 924. 27
Copper cents	1, 562, 887. 44		1, 562, 887. 44	383, 528. 79	1, 179, 358. 65
Copper-nickel cents	2, 007, 720. 00		2, 007, 720. 00	809, 084. 77	1, 198, 635. 23
Bronze cents	72, 468, 152. 72	$1, 940, 580. 42	70, 527, 572. 30	1, 695, 056. 80	68, 832, 515. 50
Bronze 2 cents	912, 020. 00		912, 020. 00	343, 899. 50	568, 120. 50
Nickel 3 cents	941, 349. 48		941, 349. 48	287, 878. 26	653, 471. 22
Nickel 5 cents	97, 152, 097. 70	1, 413, 422. 40	95, 738, 675. 30	10, 741, 796. 80	84, 996, 878. 50
Total	175, 084, 153. 45	3, 354, 002. 82	171, 730, 150. 63	14, 261, 246. 76	157, 468, 903. 87

[1] There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

Proof Bullion (1.000 fine)

In order to maintain uniformity in assay of bullion in the offices of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office, while the Philadelphia Mint makes proof silver. During the fiscal year 1938 there was furnished other mints and assay offices 292 ounces of proof gold and 305 ounces of proof silver.

Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1938

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints and assay office at New York during the fiscal year ended June 30, 1937, was 35.6 million fine ounces of gold and 68.1 million fine ounces of silver. There were also operated upon at the coinage mints 121.2 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold, 0.0005; silver, 0.001.

GOLD BULLION

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	203,474	203,971	152,938	203	497		
Coining	333	333					
San Francisco Mint:							
Melting and refining	14,520,089	14,522,713	9,288,986	14,520	2,624		
Coining	13	14			1		
Denver Mint:							
Melting and refining	11,710,742	11,711,040	797,069	11,711	298		
Coining		10			10		
New York Assay Office:							
Melting and refining	34,712,998	34,715,161	25,366,727	34,713	2,163		
Total melting and refining	61,147,303	61,152,885	35,605,720	61,147	5,582		
Total coining	346	357			11		
Grand total	61,147,649	61,153,242	35,605,720	61,147	5,593		

SILVER BULLION

Philadelphia Mint:							
Melting and refining	43,892,667	43,903,770	21,642,167	65,839	11,103		
Coining	20,559,761	20,555,805	20,271,848	20,560		3,956	0.1951
San Francisco Mint:							
Melting and refining	392,356,004	392,368,075	8,642,178	588,534	12,071		
Coining	7,970,745	7,968,509	7,678,641	7,971		2,236	0.2912
Denver Mint:							
Melting and refining	10,212,253	10,216,426	4,816,756	15,318	4,173		
Coining	3,892,748	3,892,629	3,108,723	3,893		119	0.0306
New York Assay Office:							
Melting and refining	6,091,362	6,095,006	1,946,098	9,137	3,644		
Total melting and refining	452,552,286	452,583,277	37,047,199	678,828	30,991		
Total coining	32,423,254	32,416,943	31,059,212	32,424		6,311	0.2032
Grand total	484,975,540	485,000,220	68,106,411	711,252	[1] 24,680		

NICKEL COINAGE METAL

Philadelphia Mint:	*Gross ounces*	*Gross ounces*	*Gross ounces*			*Gross ounces*	*Gross ounces*
Melting and refining	7,478,156	7,426,860	2,616,600			51,296	19.6041
Coining	14,925,590	14,923,011	9,157,042			2,579	0.2816
San Francisco Mint:							
Melting and refining	1,442,237	1,441,839	275,744			398	1.4434
Coining	165,844	165,775	39,815			69	1.7330
Denver Mint:							
Melting and refining	4,900,778	4,889,617	4,134,718			11,161	2.6993
Coining	4,196,478	4,195,295	3,483,570			1,183	0.3396
Total melting and refining	13,821,171	13,758,316	7,027,062			62,855	8.9447
Total coining	19,287,912	19,284,081	12,680,427			3,831	0.3021
Grand total	33,109,083	33,042,397	19,707,489			66,686	3.3838

BRONZE COINAGE METAL

Institution and department	Amount received	Amount returned	Amount operated upon, including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
Philadelphia Mint:							
Melting and refining	41,384,007	41,008,118	38,904,350			375,889	9.6619
Coining	52,726,457	52,690,076	48,842,133			36,381	0.7449
San Francisco Mint:							
Melting and refining	6,826,318	6,820,103	3,966,473			6,215	1.5669
Coining	3,895,071	3,893,624	3,821,065			1,447	0.3787
Denver Mint:							
Melting and refining	4,823,943	4,818,241	3,140,537			5,702	1.8156
Coining	3,630,205	3,629,385	2,823,349			820	0.2904
Total melting and refining	53,034,268	52,646,462	46,011,360			387,806	8.4285
Total coining	60,251,733	60,213,085	55,486,547			38,648	0.6965
Grand total	113,286,001	112,859,547	101,497,907			426,454	4.2016

[1] Net.

Refined issue-bars manufactured, fiscal year 1938

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	15	2,881	$100,835	754	634,194
San Francisco	10,482	6,406,085	224,212,975	1,382	14,406
Denver	1,069	556,178	19,466,230		
New York	54,537	20,756,341	726,471,935	1,876	386,887
Total	66,103	27,721,485	970,251,975	4,012	1,035,487

Sweeps cellar operations, fiscal year 1938 (includes crushed discarded melting pots, etc.)

Source	Institution	Material (quantity)		Metal content			
				Bars recovered		Tailings	
		Bags	Net avoirdupois	Gold	Silver	Gold	Silver
		Number	*Pounds*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Melting department	Philadelphia	61	6,100	248.326	7,652.16		
Do	San Francisco	113	8,846	333.216	629.67	30.813	88.74
Refinery	do	462	32,583	606.583	639.94	517.586	1,669.60
Do	Denver	224	27,469			128.891	866.46
Do	New York	1,893	157,446			2,340.235	4,382.83
Coining department	Denver	20	1,514			10.252	176.83
Deposits division	San Francisco	16	1,176			29.364	51.39
Do	Denver	363	35,370			414.831	712.83
Do	New York	271	17,441			867.707	176.16
Total		3,423	287,945	1,188.125	8,921.77	4,339.679	8,124.84

Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1938 amounted to $251,189.90, as follows:

Item	Mint at—			Assay office at New York	Minor assay offices	Total
	Philadelphia	San Francisco	Denver			
Recovered from refining and coining operations	$22,422.65	$97,360.75	$12,718.88	$77,455.13	----------	$209,957.41
Recovered incident to receipt of bullion deposits	6,204.75	6,738.16	8,046.95	13,770.28	$7,878.56	42,638.70
Gains on lightweight and mutilated coins received for recoinage	29.18	21.50	30.65	.99	----------	82.32
Gain on bullion shipments (net)	6.82	----------	----------	----------	1,376.86	1,383.68
Total gains	28,663.40	104,120.41	20,796.48	91,226.40	9,255.42	254,062.11
Wasted in refining and coining operations	1,783.45	1,033.97	54.79	----------	----------	2,872.21
Net gains	26,879.95	103,086.44	20,741.69	91,226.40	9,255.42	251,189.90

Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1938, was $10,610.99. A loss of $4,316.87 occurred from the difference between the assay value of the bullion contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage: Coining department	$1,783.45	$1,033.97	$54.79	----------	$2,872.21
Nickel wastage:					
Melting and refining department	2,020.44	5.80	139.20	----------	2,165.44
Coining department	101.60	1.01	14.75	----------	117.36
Bronze wastage:					
Melting and refining department	4,865.33	49.94	50.86	----------	4,966.13
Coining department	470.91	11.63	7.31	----------	489.85
Loss on sale of sweeps	----------	208.33	2,723.32	$1,385.22	4,316.87
Total wastage and loss	9,241.73	1,310.68	2,990.23	1,385.22	14,927.86
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits	6,538.77	68.38	212.12	----------	6,819.27
Silver departmental wastage offset by other departmental surpluses	1,783.45	1,033.97	54.79	----------	2,872.21
Other wastages and loss on sweeps, from appropriations	919.51	208.33	2,723.32	1,385.22	5,236.38
Total reimbursements	9,241.73	1,310.68	2,990.23	1,385.22	14,927.86

Employees

The total number of officers and employees of the mint service on June 30, 1938, was as follows:

Institution	Established under act of—	Employees, by departments					Total	
		General	Engraving	Assaying	Coining	Melting and refining	June 30, 1938	June 30, 1937
Bureau of the Mint	Feb. 12, 1873	47					47	47
Philadelphia Mint	Apr. 2, 1792	173	10	13	131	55	382	468
San Francisco Mint	July 3, 1852	83		14	42	45	184	193
Denver Mint	Apr. 21, 1862	99		9	28	38	174	209
New York Assay Office	Mar. 3, 1853	126		33		54	213	233
New Orleans Mint [1]	Mar. 3, 1835	13					13	16
Seattle Assay Office	May 21, 1898	18					18	16
Fort Knox Depository	Aug. 13, 1935 [2]	37					37	30
Total, 1938		596	10	69	201	192	1,068	
Total, 1937		654	11	74	261	212		1,212

[1] Conducted as an assay office since 1910.
[2] Allotment made from a lump construction appropriation.

Assay Commission's Annual Test of Coin

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of which part are ex-officio members, the others being appointed, without compensation, by the President. The purpose is to secure a due conformity in the silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint, February 9, 1938, reported the following results of their examination of the 1937 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages containing the pieces reserved by the several mints for the trial of coins were delivered to us by the superintendent of the mint at Philadelphia, and upon comparison with the transcripts kept by the Director of the Mint were found to be correct. A liberal number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number called for in each package.

The committee on assaying has completed the assays on samples taken from different lots of coin representing all denominations coined during the year 1937 by the United States mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1937.

The result of the assays upon coins and mass melts made from coins is satisfactory, being well within legal limits of tolerance, which is three one-thousandths for silver coins.

The highest and lowest assays on individual silver coins selected were as follows:

	Thousandths
Highest assays on individual silver coins:	
Philadelphia Mint	900. 0
Denver Mint	900. 2
San Francisco Mint	900. 4
Lowest assays on individual silver coins:	
Philadelphia Mint	898. 6
Denver Mint	898. 9
San Francisco Mint	898. 6
Mass melts:	
Philadelphia Mint	899. 3
Denver Mint	899. 3
San Francisco Mint	899. 3

The committee on weighing reports that it received from the committee on assaying the residues of the several parcels of reserved coins, and took therefrom at random such a number of pieces of each of the denominations represented and so distributed by dates of coinage as seemed to be sufficient for the purposes of weighing. Accordingly, 218 pieces were selected for weighing. These coins have been severally weighed by the committee and their respective weights ascertained to an accuracy of 0.01 grain, and the results recorded. It will be noted that every coin weighed was within the deviation allowed by law.

The coins were directly weighed against a set of sealed coin weights, supplemented by a set of grain weights, delivered to the commission from the Bureau of Standards, Washington, D. C., in sealed packages, and accompanied by certificates signed by the Director of the Bureau. The weighings were made on a Troemner balance, an even arm analytical balance, which was tested for sensitiveness and equality of arms, and found to be satisfactory for the purpose.

The maximum deviation from the standard, of the heaviest and the lightest coins of each denomination from each mint, is shown in the following table:

Item	Legal deviation allowed	Philadelphia		San Francisco		Denver	
		Heavy	Light	Heavy	Light	Heavy	Light
Silver coin:	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*	*Grains*
Half dollars	1.5	0.74	0.94	0.97	0.95	0.27	0.85
Quarter dollars	1.5	0.52	0.78	0.74	0.75	0.32	0.83
Dimes	1.5	0.30	0.55	0.93	0.87	0.73	0.80

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1938, is respectfully submitted.

NELLIE TAYLOE ROSS,
Director of the Mint.

Hon. HENRY MORGENTHAU, Jr.,
Secretary of the Treasury.

REPORT OF THE DIRECTOR OF THE MINT ON THE PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1937

REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1937

INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1937 is estimated to have been 4,804,540 fine ounces, valued at $168,158,900, and the production of silver is estimated at 71,941,794 fine ounces, valued at $55,646,978. A comparison of these figures with those of 1936 indicates about 447,000 fine ounces increase in production of gold and approximately 8,130,000 ounces increase in silver production.

The largest gold-producing State, California, made the largest increase in 1937, about 121,000 ounces, to a total output of about 1,169,000 ounces. Other large increases were made by Alaska, 111,000 ounces; Utah, 79,000; Arizona, 26,000; Washington, 21,000; Montana, 20,000 ounces. The Philippine Islands, with a 1937 increase of about 95,000 ounces and total product of over 597,000 ounces, exceeded all of the States in gold production except California. For the first time in 3 or 4 years some of the States had substantial decreases, these being Nevada with more than 14,000 ounces and South Dakota with more than 13,000 ounces.

Silver production also increased in most of the large silver-producing States. Idaho, with an increase of over 4,700,000 ounces, had a total output of nearly 19,600,000 ounces. The second largest producer, Utah, with an increase of 1,500,000 ounces, had a total production of nearly 12,700,000 ounces. Other States with large increases were Arizona, nearly 1,000,000; and California, about 800,000 ounces. The only considerable silver decrease, 450,000 ounces, was made by Nevada.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

ALASKA

The production of gold from ores and gravels of Alaska in 1937 was 627,940 fine ounces, valued at $21,977,900, compared with 540,580 fine ounces valued at $18,920,300 in 1936, according to Chas. W. Henderson, of the United States Department of the Interior, Bureau of Mines. There are no smelters or refineries in Alaska; the bulk of the gold produced in 1937 was in the form of bullion and dust sent to the United States mints and assay offices either direct or through banks and bullion buyers located at the large centers throughout Alaska. The rest was contained in high-grade ores and concentrates sent to the Tacoma (Wash.), Selby (Calif.), and Midvale (Utah) smelters.

Floating connected-bucket dredges accounted for 41 percent of the gold production in 1937. Much the largest producer from this source was the United States Smelting, Refining and Mining Co., operating five floating connected-bucket dredges, with auxiliary hydraulic and drift mining in the Fairbanks (part of the Tanana) district; and three floating connected-bucket dredges with auxiliary equipment in the Nome district. Other producers of a notable quantity from floating connected-bucket dredges were: Arctic Circle Exploration, Inc., Fairhaven district; Alluvial Gold, Inc., C. J. Berry Dredging Co., and Gold Placers, Inc., in the Circle district; and the New York Alaska Gold Dredging Corporation in the Tuluksak-Aniak district.

Placer mines worked by hydraulicking, dry-land dredges, and draglines with portable washing plants, drift mining, and sluicing produced 22 percent of the gold output of Alaska in 1937. The Yukon River Basin region, which includes the Tanana, Circle, Iditarod, Koyukuk, and Eagle districts, was the largest contributor from this source.

Gold produced from lode mines comprised 37 percent of the total output from Alaska in 1937. The Alaska Juneau Gold Mining Co., operating at Juneau, produced over 60 percent of the total lode gold output in 1937. The Alaska Juneau Gold Mining Co. moved from "mine to mill" 4,442,760 tons of rock of which 2,191,681 tons of "coarse-tailings" were rejected by hand sorting; the average tenor of the rock from "mine to mill" was 0.0441 ounce of gold to the ton. During 1937, 2,251,079 tons of ore were "fine milled," from which the gold recovery per ton was 0.0594 ounce in bullion and 0.0080 ounce in galena concentrates. Other important producers from this source were: Chichagoff Mining Co. and Hirst-Chichagof Mining Co. in Southeastern Alaska; Alaska-Pacific Mines, Inc. (leased to the Wasilla Mining Co. late in 1937), Fern Gold Leasing Co. and Willow Creek Mines, Inc., in the Cook-Inlet region; and the Nabesna Mining Corporation in the Copper River region.

The output of silver, 494,340 fine ounces, valued at $382,372, was produced as a byproduct of the gold and copper mining in 1937. Over one-half of the total silver output was contained in copper ore and concentrates produced in the Copper River and Southeastern Alaska regions. The rest was contained in the gold bullion, amalgam, and dust produced from placer and lode gold mines throughout the Territory.

ARIZONA

The production of gold, silver, copper, lead, and zinc in Arizona in 1937 was valued at $90,855,562, the largest since 1929, when the value amounted to $155,567,133, and an increase of $32,859,489 over 1936, according to C. N. Gerry and Paul Luff, of the Bureau of Mines, United States Department of the Interior. The increase in the value of the copper in 1937 was nearly $31,000,000. The production of gold in 1937 (332,694 fine ounces) and the production of silver in 1937 (9,422,552 fine ounces) were the largest ever recorded in the State and the output of copper, lead, and zinc increased considerably over 1936.

The recoverable gold output from lode and placer mines in Arizona in 1937 was 332,694 fine ounces compared with 322,408 fine ounces in 1936. Gold recovered from copper ore increased to 176,904 ounces in 1937, and gold recovered from zinc-lead ore increased to 17,098 ounces, but gold from siliceous ores decreased to 131,941 ounces.

Gold from lode mines was 328,295 ounces in 1937, an increase from 315,921 ounces in 1936, and gold from placers was 4,399 ounces, a decrease from 6,488 ounces. Nearly 55 percent of the gold from placers in 1937 was recovered by a floating dredge equipped with dragline on Lynx Creek 15 miles northeast of Prescott. Gold in bullion from ore and old tailings treated by amalgamation or cyanidation increased from 59,940 ounces in 1936 to 63,458 ounces in 1937. More than 90 percent of the gold from this source came from mines at Oatman, Gold Road, and Katherine, in Mohave County. Gold recovered from crude ore in 1937 was 152,485 ounces compared with 147,483 ounces in 1936, and gold recovered from concentrates was 110,428 ounces compared with 108,498 ounces in 1936. A large increase in gold from gold ore was made in 1937 at the Gold Road mine of the United States Smelting, Refining & Mining Co. and the new 300-ton cyanidation mill of the company was active nearly all year. Gold from copper ore increased, chiefly from the Denn, United Verde, and Magma mines. The largest producers of gold in Arizona in 1937 were the United Verde at Jerome, Copper Queen at Bisbee, New Cornelia at Ajo (all operated by the Phelps Dodge Corporation), Gold Road near Oatman, Tom Reed at Oatman, Gold Standard at Katherine, Tennessee-Schuylkill at Chloride, Magma at Superior, Octave at Octave, Hillside north of Hillside, Mammoth-St. Anthony near Mammoth, Denn at Bisbee, Eagle-Picher at Ruby, and Iron King at Humboldt. The output of gold from the Warren (Bisbee) district, Cochise County, one of the most important copper-producing districts in the State, decreased slightly from 69,707 ounces in 1936 to 69,535 ounces in 1937.

The recovered silver output in Arizona was 9,422,552 ounces in 1937, an increase from 8,386,043 ounces in 1936. The value of the output in 1937 was $7,288,344, an increase from $6,494,990 in 1936. Most of the silver in 1937—6,204,670 ounces—was recovered from crude smelting ore, 3,064,430 ounces were recovered from concentrates, and 92,275 ounces from gold and silver mills. In 1936 crude smelting ore supplied 5,794,149 ounces, concentrates 2,487,943 ounces, and gold and silver mills 103,061 ounces. More than 5,865,000 ounces of silver were recovered in 1937 from copper ore from the Copper Queen branch at Bisbee, United Verde at Jerome, Magma at Superior, and New Cornelia at Ajo. Silver recovered from copper ore increased to 6,439,270 ounces in 1937; 1,925,231 ounces were recovered from siliceous ore,

831,027 ounces from zinc-lead ore, 224,837 ounces from lead ore, and 1,538 ounces from lead-copper ore and zinc ore. The leading producer of silver in 1937 was the Phelps Dodge Corporation operating the Copper Queen, United Verde, and New Cornelia properties. Other large producers of silver in 1937 were the Eagle-Picher property at Ruby, Magma at Superior, Veta Mines, Inc. near Duncan, Denn at Bisbee, Reymert near Superior, Keystone near Chloride, Tennessee-Schuylkill at Chloride, Hillside north of Hillside, Tombstone Development Co. at Tombstone, and Arizona Magma at Chloride. The output of silver from the Warren (Bisbee) district in Cochise County increased from 3,177,135 ounces in 1936 to 3,491,735 ounces in 1937. There were 888 producing lode mines and 376 placer mines in Arizona in 1937 compared with 847 lode mines and 787 placer mines in 1936.

CALIFORNIA

California continued to maintain its position as the leading gold producer in 1937; its output exceeded that of the Philippine Islands, South Dakota, and Alaska, according to Charles White Merrill of the United States Department of the Interior, Bureau of Mines. The quantity of gold produced in 1937 exceeded that for any year since 1883 and its value was greater than that of any year since 1861. Although the data of gold production prior to 1901 did not segregate lode and placer gold, it appears certain that more lode gold was produced in 1937 than in any year of the State's history. Placer gold production during 1937 is known to have exceeded any year since 1900, and it appears to have exceeded that for any year since unrestricted hydraulic mining flourished over 50 years ago.

The output of gold from California ores, gravels, and retreated tailings in 1937 was 1,174,578 fine ounces valued at $41,110,230, compared with a production of 1,077,442 fine ounces valued at $37,710,470 in 1936; the increase in both quantity and value was 9 percent. Lode mines produced 702,272 ounces of gold valued at $24,579,520, and placer mines produced 472,306 ounces of gold valued at $16,530,710. Lode mines accounted for 60 percent and placer mines 40 percent of the total gold production in 1937, compared with a division of 62 and 38 percent, respectively, in 1936. The production of lode gold increased only 5 percent in 1937 compared with 1936, but the production of placer gold increased 15 percent. Of the gold derived from lode operations 95 percent was recovered from dry gold ore. Of the remaining 5 percent, most of it resulted from the treatment of dry gold-silver and copper ores. The predominance of free-milling gold ore in California is brought out by the fact that 53 percent of the lode gold was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates accounted for 25 percent; smelting of ore 1 percent; and the smelting of concentrates the remaining 21 percent.

Dredging was the leading method of working placer deposits, both in point of yardage of gravels treated and quantity of placer gold recovered. Floating dredges of the connected-bucket type handled 94,809,000 cubic yards of gravel and recovered 322,961 ounces of gold valued at $11,303,635, or 68 percent of the placer gold produced in the State in 1937. Dragline dredges (those having floating washing plants to which gravel was delivered by a dragline type of power shovel) handled 19,364,000 yards of gravel, which yielded 94,142

ounces of gold valued at $3,294,970. Non-floating washing plants, to which gravel was delivered by mechanical means, treated 2,338,000 yards of gravel and recovered 17,079 ounces of gold valued at $597,765. Hydraulic mines accounted for the production of 4,628 ounces of gold valued at $161,980, derived from 1,324,000 yards of gravel; 98,000 yards of gravel from drift mines, were treated with a recovery of 7,398 ounces of gold valued at $258,930. Small-scale hand methods, including small sluice boxes, long toms, pans, rockers, and dry washers, were used in the production of 26,098 ounces of gold valued at $913,430; more than one-half of this gold was produced by snipers, over 12,000 of whom worked at some time during the year.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county of the State; 26 percent of the State's gold and 43 percent of the State's lode gold was mined during 1937. The output of dredges was largely responsible for the importance of Sacramento, Yuba, and Merced Counties as producers. Amador, El Dorado, Calaveras, Tuolumne, and Mariposa Counties on the Mother Lode were important gold producers. The rapidly increasing outputs from ore bodies recently opened in the Mojave district explained the large production of Kern County in 1937; Butte, Placer, Shasta, and Siskiyou Counties were also large producers of gold.

The principal gold-producing companies of California working lode deposits in 1937 arranged roughly in order of importance as producers, included the Empire Star Mines Co., Ltd. (Nevada County), Idaho Maryland Mines Corporation (Nevada County), Lava Cap Gold Mines Corporation (Nevada County), Golden Queen Mining Co. (Kern County), Carson Hill Gold Mining Corporation (Calaveras County), Argonaut Mining Co., Ltd. (Amador County), and Central Eureka Mining Co. (Amador County). The leading producers of placer properties were the Yuba Consolidated Gold Fields (Yuba, Merced, Siskiyou, and Butte Counties), Natomas Co. (Sacramento County), and Capital Dredging Co. (Sacramento County).

The output of silver from California ores, gravels, and retreated tailings in 1937 was 2,888,265 fine ounces valued at $2,234,073, compared with the production of 2,103,799 fine ounces valued at $1,629,392 in 1936; the increase was 37 percent in both quantity and value. Of the lode silver 36 percent was derived from dry gold ore; 34 percent from silver ore; 17 percent from dry gold-silver ore; 10 percent from copper ore, and the remainder from other types of ore. A small quantity of silver was also recovered as a byproduct of gold dredging. One-half of the silver output from lode mines was recovered by the smelting of concentrates; 25 percent was recovered by cyanidation as bullion; 17 percent by direct smelting of ore, and 8 percent by amalgamation as bullion.

CENTRAL STATES

The only production of mine gold in the Central States in 1937 was 51.44 fine ounces valued at $1,800, from the Michigan mine at Ishpeming, Mich. The output of silver from mines in the Central States increased from 165,500 ounces in 1936 to 206,041 ounces in 1937. Of the Michigan output in 1937 (25,454 ounces) 25,446 ounces were derived from copper ore and 8 ounces from gold ore. Lead ore in

southeastern Missouri was responsible for 179,700 ounces and the output was entirely from the refining of lead bullion and the treatment of skimmings and residues, for no copper ore was treated in 1937. Silver recovered from galena concentrates shipped from southern Illinois fluorspar mines in 1937 was 887 ounces compared with 1,780 ounces in 1936.

COLORADO

The expansion in gold mining in Colorado that followed the advance in the price of gold in 1933 resulted in an appreciable annual increase in production from 1934 to 1936, inclusive, and in the maintenance of the output in 1937 at nearly the same rate as in 1936, according to Charles W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The total mine production of gold in 1937 was 368,905 ounces valued at $12,911,675, an increase of 2,298 ounces ($80,430) over 1936; the increase, however, was due to a moderate revival of mining of complex zinc-lead-copper-silver-gold ores and an increased output of silver-copper-gold ores. The principal gold-producing counties and the percentage of the State total contributed by each follow: Teller County, 39 percent; Park, 13 percent; Clear Creek, 9 percent; San Juan, 7 percent; Boulder, 6 percent; Lake, 5 percent; Gilpin, 4 percent; and Rio Grande, 4 percent. The largest gold-producing companies in Colorado in 1937 (all from lode mines), in order, were the United Gold Mines Co., Cresson Consolidated Mining & Milling Co., and Golden Cycle-Ajax Operations, Cripple Creek district; London Gold Mines Co., Mosquito district; Shenandoah-Dives Mining Co., Animas district; Summitville Consolidated Mines, Inc., Summitville district; Minnesota Mines, Inc., Empire district; and Empire Zinc Co., Battle Mountain district. A total of 2,068,619 tons of mine and dump ore and old tailings was sold or treated in Colorado in 1937, of which 1,681,183 tons were classed as dry and siliceous (gold, gold-silver, and silver) ores and yielded 90 percent of the total State gold. Copper, zinc-lead, and lead ores, in order, constituted nearly all the remainder of the tonnage from lode mines and yielded 6 percent of the gold. The remaining 4 percent was recovered by one floating connected-bucket dredge and 22 dry-land and dragline floating dredges, which handled approximately 1,635,130 cubic yards of gravel, and many small-scale placer operations for which the quantity of gravel handled is unobtainable.

The mine production of silver in Colorado in 1937 was 6,260,693 ounces valued at $4,842,646, an increase of 6 percent in quantity and value over 1936. Copper ore shipped to smelters from Eagle County yielded 65 percent of the State total silver in 1937. The next largest sources of silver were dry and siliceous gold and gold-silver ores, chiefly from San Juan, San Miguel, Clear Creek, Ouray, and Lake Counties and dry silver ore from the old silver-producing districts of Mineral and Pitkin Counties. Lead, lead-copper, and zinc-lead ores combined yielded only 6 percent of the State total silver. The principal producers of silver in Colorado in 1937 were the Empire Zinc Co., Battle Mountain district; Shenandoah-Dives Mining Co., Animas district; Emperius Mining Co. and Commodore-Bachelor Mines, Inc., Creede district; Veta Mines, Inc., Upper San Miguel district; and Aspen Leases, Aspen district. The total production of

gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1858 to 1937, inclusive, has been: Gold, 36,815,070 ounces; silver 684,509,575 ounces.

EASTERN AND APPALACHIAN STATES

The mine production of gold in the Eastern and Appalachian States increased from 10,377.10 fine ounces in 1936 to 10,680.90 ounces in 1937. There were decreased yields from mines in Alabama, North Carolina, and Tennessee but substantial increases at mines in Georgia, Maryland, Pennsylvania, South Carolina, and Virginia. Five mines, one each in Alabama, Maryland, North Carolina, South Carolina, and Virginia yielded about 70 percent of the 1937 gold.

In 1937 Alabama produced 2,459.89 ounces, Georgia 742.72 ounces, Maryland 1,040 ounces, North Carolina 948.65 ounces, Pennsylvania 1,348 ounces, South Carolina 2,482.56 ounces, Tennessee 263 ounces, and Virginia 1,396.08 ounces. About 40 placer mines in Alabama, Georgia, North Carolina, South Carolina, and Virginia yielded 631.91 ounces of gold compared with 339.34 ounces from 47 mines in 1936. Of this 1937 total, 29 mines in Georgia yielded 521.43 ounces from placers, and the Ferey mine in that State was the only placer that reported more than 100 ounces of gold.

None of the zinc or zinc-lead ores yielded any gold. Copper ore and copper concentrates from pyritiferous magnetite ores in Tennessee, North Carolina, and Pennsylvania yielded 1,721 ounces of gold or 306 ounces more than in 1936. All the Tennessee gold was derived from copper ore mined in Ducktown district.

Siliceous gold ore (60,542 tons) milled or shipped to smelters from mines in Alabama, Georgia, Maryland, North Carolina, South Carolina, and Virginia yielded 8,328 ounces of gold or about 295 ounces less than in 1936. Of this quantity of ore 38,617 tons were treated at gold and silver mills and only 102 tons of crude siliceous ore were shipped to smelters. Gold ore treated at flotation plants yielded 1,256 tons of gold concentrates which were also shipped to smelters and yielded 4,215 ounces of gold. Bullion at gold milling plants yielded 4,044 ounces, of which 2,241 ounces were recovered by cyanidation.

The larger producers from gold ore in 1937 were the Hog Mountain mine near Alexander City, Ala., the Maryland near Bethesda, Md., the Rudisil near Charlotte, N. C., the Haile near Kershaw, S. C., and the Vaucluse in Orange County, Va.

The mine output of silver was 106,873 ounces in 1937 against 83,350 ounces in 1936. Of the 1937 output, copper ores in Tennessee yielded 48,207 ounces; copper ores in North Carolina 5,284 ounces; copper concentrates from pyritiferous magnetite ore from Pennsylvania 9,497 ounces and zinc-lead ores from New York and Tennessee 42,350 ounces.

Siliceous ores yielded 1,505 ounces (mainly from Alabama and South Carolina mines). Bullion from placer mines amounted to only 30 ounces. The silver recovered from New York mines was from lead concentrates smelted, and some lead carbonate ore shipped to smelters from the Embree mine in Tennessee also yielded about 1.1 ounces of silver a ton.

IDAHO

The output of gold, silver, copper, lead, and zinc from mines in Idaho in 1937 was valued at $37,840,184 compared with $27,654,472 in 1936, according to C. N. Gerry and Paul Luff, of the Bureau of Mines, Department of the Interior.

The output of gold increased slightly from 80,291 fine ounces in 1936 to 81,861 fine ounces in 1937, as a result of the increase in the output of gold from placer mines; gold from lode mines (41,321 ounces) decreased 4,540 ounces, but gold recovered from placers (40,540 ounces) increased 6,110 ounces. Siliceous ore yielded 37,546 ounces of gold in 1937 or nearly 46 percent of the total gold; placers yielded nearly 50 percent of the total gold. Crude ore and old tailings shipped direct to smelters yielded 4,949 ounces of gold, concentrates 15,127 ounces, and bullion from gold and silver mills 21,245 ounces. Most of the gold from lode mines—36,025 ounces—was recovered from dry and siliceous gold ore, 2,840 ounces were recovered from zinc-lead ore, and most of the remainder from lead ore, silver ore, and gold-silver ore. The production of gold from 10 floating dredges in 1937 was 28,962 ounces (35.4 percent of the State gold output), an increase of 2,864 ounces over the output from 12 floating dredges in 1936. The largest producers of gold in Idaho in 1937 were the Fisher-Baumhoff dredge at Centerville, Golden Anchor mine at Burgdorf, Moores Creek Dredging Co. at Idaho City, Yellow Pine Co. at Stibnite, Warren Dredging Co. at Warren, Gold Hill mine at Quartzburg, Placer Basin mine at Cuprum, and Jordan Creek dredge at De Lamar.

The output of silver in Idaho in 1937 was 19,587,766 ounces compared with 14,537,530 ounces in 1936, an increase of 5,050,236 ounces, or 35 percent, and the largest silver output ever recorded in the State. Idaho continued to hold first place in the United States in the output of silver, followed by Utah and Montana. Silver recovered from siliceous silver ore was 14,119,025 ounces in 1937, an increase from 9,991,204 ounces in 1936. There were also increases in silver recovered from zinc-lead ore and old tailings and lead ore (nearly 17 percent of the total silver came from zinc-lead ore and old tailings and nearly 11 percent came from lead ore). Crude ore and old tailings shipped direct to smelters yielded 988,073 ounces of silver, concentrates 18,578,929 ounces, and bullion from gold and silver mills 8,477 ounces. Placer mines yielded 12,287 ounces. Mines in the Coeur d'Alene district produced 94 percent of the total silver. The output of silver from the Sunshine mine in 1937 increased to 12,152,000 ounces; it was again the largest producer of silver in the United States. Other large producers of silver in Idaho were the Hecla mine at Burke, Bunker Hill & Sullivan property at Kellogg, Morning mine at Mullan, Crescent mine east of Kellogg, Polaris mine near Kellogg, Triumph mine near Ketchum, Page mine west of Kellogg, Gold Hunter property at Mullan, and Sherman mine at Burke. The Coeur d'Alene district produced 1,731,801 tons of ore and old tailings, 3,659 ounces of gold, 18,457,726 ounces of silver, 3,888,157 pounds of copper, 193,010,644 pounds of lead, and 94,140,000 pounds of zinc. In 1937 there were 347 producing lode mines in Idaho and 741 producing placer mines, compared with 281 lode mines and 828 placer mines in 1936. Since 1863 Idaho has yielded 7,112,687 fine ounces of gold and 399,134,261 fine ounces of silver.

MONTANA

The output of gold, silver, copper, lead, and zinc from mines in Montana in 1937 was valued at $58,402,016 compared with $42,173,182 in 1936, an increase of 38 percent, according to T. H. Miller of the Bureau of Mines, United States Department of the Interior. There were increases in copper, gold, and silver, but decreases in lead and zinc. The output of gold was 202,252 ounces, valued at $7,078,820, an increase of 12 percent from 180,209.20 ounces in 1936. There was a marked increase in gold recovered from dry and siliceous gold ore, silver ore, and copper ore in 1937; placers yielded 36,397 ounces of gold, a decrease of nearly 10 percent. Floating bucket dredges yielded 17,564 ounces of gold. In 1937, combined dry and siliceous ore yielded 140,857 ounces of gold; copper ore, 14,151 ounces; zinc-lead ore, 9,564 ounces; lead ore, 1,047 ounces; and zinc ore, 236 ounces. A large gain was made in gold recovered from lode mines—165,855 ounces—chiefly from gold ore, but a decrease of 4,018 ounces from placers, chiefly those operated by dry-land and floating bucket dredges. An important gain was made in 1937 in gold recovered from bullion—63,537 ounces—and from combined concentrates and crude ore smelted—102,318 ounces. In 1936 crude ore supplied 45,153.73 ounces of gold; concentrates 47,205.64 ounces; and bullion, 47,434.03 ounces. Substantial increases in the output of gold were recorded in Silver Bow County (chiefly the Butte district) and from Phillips, Jefferson, Park, Beaverhead, Broadwater, and Granite Counties. The leading producers of gold in Montana in 1937 were the Anaconda Copper Mining Co. at Butte; Ruby Gulch at Zortman; Porter Bros. Corporation (dredge) near Helena; Jardine at Jardine; Little Ben (August) at Landusky; Ermont Mines near Dillon; Spring Hill of the Montana Consolidated Mines Corporation near Helena; Jay Gould mine of the Standard Silver Lead Mining Co. near Wilborn; West Mayflower near Renova; Pioneer Placer Dredging Co. at Gold Creek; and the Hidden Lake Venture, Inc. in the Red Lion district.

The output of silver increased slightly from 11,600,563 ounces in 1936 to 11,812,093 ounces in 1937; a substantial increase in silver from copper ore was offset by a large decrease in silver from zinc-lead ore. Copper ore yielded 6,644,653 ounces of silver; dry and siliceous ore, 2,468,049 ounces; zinc-lead ore, 2,486,853 ounces; lead ore, 145,828 ounces; and zinc ore, 60,295 ounces. A large increase of nearly 224,000 ounces of silver was shown in silver from concentrates of all classes, especially from copper ore and zinc-lead ore from the Butte property of the Anaconda Copper Mining Co., which was by far the leading producer of silver in Montana.

Other large producers of silver in 1937 were the Trout mine of the American Machine & Metals, Inc.; Flathead (Anaconda Copper Mining Co.); Emma & Ophir, operated by the Anaconda Copper Mining Co.; Granite Bimetallic (Philipsburg Mining Co.); Comet & Gray Eagle (Basin Montana Tunnel Co.); Two Per Cent, at Philipsburg; and Silver Prince, of the Contact Mines Corporation.

There were 615 lode mines and 406 placers operating in 1937, compared with 570 lode mines and 284 placers in 1936. The ore mined and treated in 1937 increased to 4,898,009 tons, compared with 3,853,116 tons in 1936.

NEVADA

Both gold and silver production declined in Nevada during 1937 compared with 1936, according to Charles White Merrill, United States Department of the Interior, Bureau of Mines. Gold output in 1937 was 281,332 fine ounces valued at $9,846,620, compared with 286,370 ounces valued at $10,022,950 in 1936. Silver production in 1937 was 4,864,750 fine ounces valued at $3,762,884, compared with 5,068,786 ounces valued at $3,925,775 in 1936. In both quantity and value the decrease in gold production was 2 percent and in silver production 4 percent.

Gold was recovered from the following sources: Dry gold ore, 58 percent; copper ore, 24 percent; dry gold-silver ore, 11 percent; and smaller percentages from dry silver ore and lead ore; the remaining 3 percent was derived from placer mines.

Gold and silver mills recovered 30 percent of the State's lode gold as cyanidation bullion and 10 percent as amalgamation bullion; 37 percent was recovered by the smelting of concentrates from concentrating mills and gold and silver mills, and the remaining 23 percent was recovered by the direct smelting of ore.

The leading gold-producing counties, in order of their importance, were White Pine, Esmeralda, Storey, and Nye. The principal gold-producing companies of Nevada, arranged roughly in order of importance as producers, included Nevada Consolidated Copper Corporation (White Pine County), the Consolidated Coppermines Corporation (White Pine County), the Weepah Nevada Mining Co. (Esmeralda County), the Black Mammoth Consolidated Mining Co. (Esmeralda County), the Eastern Exploration Co. (Esmeralda County), and the Dayton Consolidated Mines Co. (Lyon County).

Nevada silver was recovered from the following sources in 1937: Dry gold-silver ore, 30 percent; dry silver ore, 25 percent; dry gold ore, 15 percent; zinc ore, 10 percent; zinc-lead ore, 9 percent; copper ore, 6 percent; lead ore, 5 percent; and the remainder from lead-copper ore and from placer mines. The direct smelting of crude ore accounted for 47 percent of the lode silver produced in Nevada during 1937; 37 percent was derived from the smelting of concentrates from concentrating and gold and silver mills; 16 percent was recovered as bullion at gold and silver mills almost entirely by cyanidation.

The leading silver-producing counties in order of their importance were Nye, White Pine, Lincoln, Storey, and Esmeralda. The leading silver-producing companies of Nevada, arranged roughly in order of their importance, included the Tonopah Mining Co. of Nevada (Nye County), (operated chiefly bv lessees), Combined Metals Reduction Co. (Lincoln County), Treadwell Yukon Co., Ltd. (Nye County), Tonopah Belmont Development Co. (Nye County), (operated chiefly by lessees), Desert Silver, Inc. (Esmeralda County).

NEW MEXICO

The output of gold from New Mexico ores and gravels in 1937 was 41,171 fine ounces, valued at $1,440,985, an increase of 25 percent in quantity and value over 1936, according to Charles W. Henderson and A .J. Martin, of the United States Department of the Interior, Bureau of Mines. Expanded operations at mines that were being worked and developed in 1936 produced the largest part of the increase

in 1937; the remainder was recovered principally from base-metal ores containing comparatively small quantities of gold produced at mines reopened when copper, lead, and zinc prices advanced early in 1937. Dry and siliceous ores yielded 48 percent of the total gold; zinc-lead ore 30 percent; copper ore 14 percent; and placers, including a small quantity from lead and lead-copper ores, 8 percent. The combined output of the 10 companies which follow, listed in order of rank, constituted 90 percent of the State total gold: American Metal Co. (Pecos mine), in the Willow Creek district; Black Hawk Consolidated Mines Co., Mogollon district; Maxwell Land Grant Co., Mount Baldy district; Nevada Consolidated Copper Co., Central district; Veta Mines, Inc., and East Camp Exploration Co., Steeple Rock district; Banner Mining Co., Lordsburg district; and Rosedale Gold Mines, Inc., Rosedale district—all operating lode mines—and John I. Hallet Construction Co., Hillsboro district, and Caballo Construction Co., Pittsburg district, operating placer mines. The remaining 10 percent was recovered by 106 lode and 158 placer mine operations, nearly all worked on a small scale.

The continuance through 1937 of the Government price of $0.7757 an ounce for newly-mined silver stimulated production of silver from dry and siliceous ores and helped to maintain the output from base-metal ores; the latter, however, showed a small decline from 1936. The State total production of silver in 1937 was 1,243,766 fine ounces, valued at $962,053, an increase of 7 percent in quantity and value over 1936. The largest district gains in 1937 were 146,690 ounces in the Steeple Rock district and 46,584 ounces in the Lordsburg district. The largest decrease was 65,658 ounces in the Central district. The Mogollon, Willow Creek (Pecos mine), and Central districts each produced more than 300,000 ounces of silver. The largest silver-producing companies, in order, were the American Metal Co. of New Mexico, Willow Creek district; American Smelting & Refining Co. Ground Hog unit, Central district; Black Hawk Consolidated Mines Co., Mogollon district; and East Camp Exploration Syndicate, Steeple Rock district. Dry and siliceous ores yielded 44 percent of the State total silver; zinc-lead ore 38 percent; copper ore 17 percent; and lead, lead-copper, and zinc ores 1 percent. A negligible quantity was recovered from placer mines. Figures compiled by Charles W. Henderson show that from 1848 to 1937, inclusive, New Mexico mines have produced 2,004,963 fine ounces of gold and 59,909,682 fine ounces of silver.

OREGON

The output of gold in Oregon in 1937 declined substantially compared with 1936, and the production of silver fell off by an even larger percentage, according to Charles White Merrill, United States Department of the Interior, Bureau of Mines. The production of gold from Oregon ores, gravels, and re-treated tailings was 52,662 fine ounces valued at $1,843,170 compared with 60,753 fine ounces valued at $2,126,355 in 1936; the decrease was 13 percent. Placer mines produced 65 percent of the gold and lode mines 35 percent. Dredges of the connected-bucket type treated 5,017,000 cubic yards of material in 1937, compared with 5,148,000 yards in 1936, and recovered 17,178 fine ounces of gold valued at $601,230 compared with 17,067.26 fine ounces valued at $597,354 in 1936. Thus, this type of dredge

accounted for 50 percent of the State's placer gold. Dragline dredges (those having floating washing plants, to which gravel is delivered by a dragline type of power shovel) handled 2,085,000 cubic yards of material in 1937, compared with 2,066,000 yards in 1936, and recovered 9,126 fine ounces valued at $319,410 in 1937, compared with 12,989.42 fine ounces valued at $454,630 in 1936; dragline dredging contributed 27 percent of the State's placer gold. The remaining placer gold was treated at hydraulic mines, drift mines, and properties using nonfloating washing plants with mechanical loading equipment and small-scale hand methods. Virtually all of the lode gold was recovered from dry gold ore; concentration followed by the smelting of concentrates accounted for the major part of the gold recovered. Grant, Josephine, Baker, and Jackson Counties were the leading producers of placer gold in 1937, and Baker County produced 64 percent of the lode gold during the same year.

Oregon ores, gravels, and re-treated tailings in 1937 yielded 60,564 fine ounces of silver valued at $46,846, compared with 85,061 fine ounces valued at $65,880 in 1936; the decrease was 29 percent in both quantity and value. Baker County accounted for 57 percent of the silver production in the State and Grant County provided 21 percent. Most of the silver was derived from dry gold ores, and was recovered by the smelting of concentrates produced at concentrating mills and gold and silver mills.

SOUTH DAKOTA

Gold mining is one of the major industries of the Black Hills region of South Dakota, yielding 581,544 fine ounces of gold worth $20,354,040 and 139,638 fine ounces of byproduct silver worth $108,010 in 1937, according to Charles W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The output of gold was close to the record for both quantity and value established in 1936, when 586,353 ounces valued at $20,522,369 were produced. The mines are in Custer, Lawrence, and Pennington Counties and by far the largest producer in 1937, as in the past, was the Homestake mine at Lead, Lawrence County, the leading producer of gold in the United States. From 1876 to 1937, inclusive, this mine yielded bullion and concentrates which brought a net return of $340,790,554 and paid $106,103,962 in dividends. The mine is worked through two shafts, the deepest of which was 4,250 feet at the end of 1937 and is designed to be sunk to a vertical depth of 5,000 feet. The ore is treated by amalgamation in the South mill, followed by separate cyanidation of sands and slimes in three other plants. The company employs about 2,000 men.

The property of the Bald Mountain Mining Co. at Trojan yielded the second largest individual output of gold and silver in South Dakota in 1937, followed, in order, by the Maitland and Gilt Edge mines in Lawrence County and the Golden Slipper mine in Pennington County. Placer mines, principally those worked by machinery along French Creek in Custer County, yielded 1,011 ounces of gold in 1937. The total production of gold and silver (in terms of recovered metals) in South Dakota from the beginning of production in 1875 to the end of 1937, as compiled by Charles W. Henderson, has been 17,637,261 ounces of gold, valued at $398,901,344, and 8,670,112 ounces of silver, valued at $6,183,709.

TEXAS

Nearly all the gold produced in Texas to date has been a byproduct derived from the treatment of silver ore from the Presidio mine at Shafter, in Presidio County; the quantity recovered from this source in 1937 was 557 ounces and only 5 ounces were produced at other mines in the State, according to Charles W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The output of silver from the Presidio mine in 1937 was 1,220,921 ounces and the combined output from other mines, chiefly the Plata Verde in Hudspeth County, was 104,739 ounces, a total for the State of 1,325,660 ounces, valued at $1,025,398, compared with 1,361,459 ounces valued at $1,054,450 in 1936. Since April 1926 the Presidio mine has been operated by the American Metal Co. of Texas, which treats the ore by gravity concentration and cyanidation. All the silver produced at other mines in the State in 1937 was contained in ore shipped direct to smelters. The total production of gold and silver in Texas (in terms of recovered metals) from the beginning of production in 1885 to the end of 1937, compiled from all sources by Charles W. Henderson—mostly from the Presidio mine—has been 6,660 fine ounces of gold and 27,316,626 fine ounces of silver.

UTAH

The output of gold, silver, copper, lead, and zinc from mines in Utah in 1937 was valued at $87,897,549, an increase from $48,836,356 in 1936, according to T. H. Miller of the Bureau of Mines, United States Department of the Interior.

The gold output was 322,759 ounces, valued at $11,296,565, an increase from 223,444 ounces in 1936. The output exceeded the previous high of 252,439 ounces produced in 1906. Dry and siliceous ore (chiefly gold ore) yielded 78,630 ounces, copper ore, 202,427 ounces, zinc-lead ore, 31,107 ounces, and lead ore, 10,540 ounces. Placers yielded only 55 ounces of gold. There was an increase of 85,140 ounces of gold recovered from copper ore, 11,374 ounces of gold from zinc-lead ore, and 4,638 ounces from lead ore, but a decrease of 1,731 ounces from dry and siliceous ore. The leading producers of gold in Utah were the Utah Copper, United States & Lark, Eureka Standard, Mammoth, Snyder Mines, Inc. (Mercur unit), Centennial Beck & Victoria, National Tunnel & Mines Co. (Utah-Apex and Utah-Delaware), Geyser Marion, Tintic Standard, Allied Annie Laurie, Niagara, and Silver King Coalition mines. The combined gold output recovered from these properties represented nearly 91 percent of the total gold output of the State.

The silver production in Utah increased from an output of 9,997,645 ounces in 1936 to 12,869,117 ounces in 1937. Despite the large increase, the output in 1937 was considerably less than the average annual output (17,295,115 ounces) for the decade 1921–30. Separated as to source, the silver came chiefly from zinc-lead ore, which supplied 5,814,961 ounces in 1937 compared with 4,690,095 ounces in 1936; lead ore supplied 1,632,958 ounces in 1937 compared with 1,155,961 ounces in 1936. Dry and siliceous ore yielded 3,503,118 ounces of silver in 1937, and copper ore 1,918,080 ounces. First-class crude ore smelted yielded 5,127,834 ounces of silver, concentrates 7,737,160

ounces, and bullion from gold and silver mills, 4,123 ounces. In 1937 the Tintic district in Juab and Utah Counties produced 4,030,424 ounces compared with 2,787,321 ounces in 1936. The Bingham district, Salt Lake County, produced 4,873,479 ounces compared with 3,753,539 ounces in 1936, and the Park City region, Summit and Wasatch Counties, 3,132,552 ounces compared with 2,708,949 ounces in 1936. The seven largest producers of silver in Utah were the United States & Lark property at Bingham, Tintic Standard at Dividend, Utah Copper at Bingham, Silver King Coalition, Park City Consolidated, and Park Utah Consolidated, all near Park City, and Eureka Standard near Dividend.

There were 203 producing mines, of which 189 were lode mines and 14 placers, compared with 171 lode mines and 28 placers in 1936.

WASHINGTON

The output of gold, silver, copper, lead, and zinc from mines in Washington in 1937 was valued at $2,253,054 compared with $1,015,771 in 1936, according to C. N. Gerry and T. H. Miller, of the Bureau of Mines, United States Department of the Interior.

The output of gold was 36,310 fine ounces, valued at $1,270,850, a record for the State, and an increase from 12,217 fine ounces in 1936. Most of the gold output, 35,914 fine ounces or 99 percent, came from dry and siliceous gold ores; placers yielded 371 fine ounces, or more than 1 percent of the gold. First-class ore shipped for smelting—37,470 tons—yielded 9,387 ounces of gold, chiefly from the Mountain Lion, Aurum, and Republic mines in the Republic district. A large gain was made in ore (142,790 tons) treated in gold and silver mills; the yield was 22,619 fine ounces of gold. The largest gold producers in the State in 1937 were the Azurite mine, Whatcom County, the Knob Hill, Mountain Lion, Quilp, and Aurum mines in Ferry County, and the Bodie mine in Okanogan County. A feature of the year which contributed to the increased gold output was the continuous operation of the Azurite mine in the Slate Creek district of Whatcom County. A new 100-ton concentration-cyanidation mill treated 27,530 tons of gold ore.

The output of silver, chiefly from the Republic district, Ferry County, was 126,304 ounces, an increase of 59,404 ounces over 1936. Of the total silver, 87,459 ounces had its source in dry and siliceous gold ore, 17,866 ounces in dry and siliceous silver ore, 14,260 ounces in zinc-lead ore, 5,257 ounces in copper ore, 1,414 ounces in lead ore, and 48 ounces in placer dust and bullion. Crude ore supplied most of the silver or 59,332 ounces; concentrates, 32,313 ounces; and ore treated by amalgamation or cyanidation, 34,611 ounces. The four largest producers of silver, each producing more than 10,000 ounces, were the Mountain Lion, Aurum, Knob Hill, and Quilp mines, all at Republic, and the Josephine mine at Metaline Falls. There were 65 lode mines and 90 placer mines producing in 1937, as compared with 44 lode mines and 106 placer mines in 1936.

The large increase in gold production was due to expenditure on mill construction at the Azurite, Knob Hill, and First Thought mines. The mill of the Pend Oreille Mines & Metals Co. resumed treating zinc-lead ore September 15, and construction work was continued on the 1,000-ton mill designed for copper ore of the Howe Sound Co. in Chelan County.

WYOMING

Gold production in Wyoming decreased from 1,964 ounces valued at $68,754 in 1936 to 1,776 ounces valued at $62,160 in 1937, according to Charles W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The output of silver in 1937 was only 203 ounces, valued at $157. The E. T. Fisher Co., operating its dragline excavators and portable screening and sluicing equipment on Rock Creek in the Atlantic City district, Fremont County, for its fifth season, produced 87 percent of the State output of gold and 92 percent of the silver. The second largest individual output of gold from a single operation was 160 ounces produced by lessees at the Iron Duke-Hidden Hand lode mine, also in the Atlantic City district. Scattered lode and placer operations in Albany, Carbon, Fremont, Sheridan, and Teton Counties recovered small quantities of gold and silver in 1937. The total production of gold and silver (in terms of recovered metals) in Wyoming from 1867 to 1937, inclusive, according to Charles W. Henderson, has been 75,292 fine ounces of gold and 73,969 fine ounces of silver.

Distribution of the gold and silver production of the United States, in fine ounces, for 1937, as to sources of production

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines: Floating connected bucket dredges	Placer mines: All other	Dry and siliceous ores [1]	Lead ores [2]	Copper ores
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
Alabama	2,455		5	457		
Alaska	234,349	255,568	138,023	208,826		285,514
Arizona	328,295		4,399	1,925,920	1,056,729	6,439,903
California	702,272	322,961	149,345	2,511,593	83,607	293,065
Colorado	354,034	1,910	12,961	1,746,707	363,644	4,150,342
Georgia	221		522	49		
Idaho	41,321	28,962	11,578	14,255,540	5,295,604	36,622
Illinois					887	
Maryland	1,040			40		
Michigan	51			8		25,446
Missouri					179,700	
Montana	165,855	17,564	18,883	2,468,049	2,692,976	6,644,653
Nevada	271,569		9,763	3,399,286	1,168,220	297,244
New Mexico	38,144		3,027	541,386	488,291	214,089
New York					41,500	
North Carolina	832		7	254		5,284
Oregon	18,443	17,178	17,041	54,430	366	5,768
Pennsylvania	1,348					9,497
South Carolina	2,481		2	624		
South Dakota	580,533		1,011	139,638		
Tennessee	263				850	43,207
Texas	562			1,323,431	36	2,193
Utah	322,704		55	3,503,118	7,447,919	1,918,080
Virginia	1,299		97	111		
Washington	35,939		371	105,373	15,674	5,257
Wyoming	165		1,611	203		
Total [3]	3,104,175	644,143	368,701	32,185,043	18,836,003	20,381,164

[1] Contains small quantity of silver from placer mines (less than 142,400 ounces).
[2] Includes silver in lead, silver-lead, zinc-lead, zinc and zinc-lead-(copper) ores.
[3] Philippine Islands and Puerto Rico excluded: Philippine Islands report 716,124 ounces of silver from lode mines and 3,647 ounces from placers; also 705,074 ounces of gold from lode mines and 11,893 ounces of gold from placers.

Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1936 and 1937, with the increase and decrease in each for the latter year

State and territory	Production [1]				Increase, 1937	Decrease, 1937
	1936		1937			
	Ounces	*Value*	*Ounces*	*Value*	*Ounces*	*Ounces*
Alaska	517,311	$18,105,900	628,800	$22,008,000	111,489	
Alabama	4,780	167,300	2,483	86,900		2,297
Arizona	318,126	11,134,400	344,060	12,042,100	25,934	
California	1,048,606	36,701,200	1,169,491	40,932,200	120,885	
Colorado	372,943	13,053,000	379,246	13,273,600	6,303	
Georgia	454	15,900	563	19,700	109	
Idaho	85,311	2,985,900	82,811	2,898,400		2,500
Maryland	631	22,100	1,070	37,400	439	
Michigan			51	1,800	51	
Montana	185,383	6,488,400	204,903	7,171,600	19,520	
Nevada	286,834	10,039,200	272,531	9,538,600		14,303
New Mexico	35,966	1,258,800	43,354	1,517,400	7,388	
North Carolina	1,940	67,900	871	30,500		1,069
Oregon	61,940	2,167,900	53,757	1,881,500		8,183
Pennsylvania	1,051	36,800	1,423	49,800	372	
South Carolina	274	9,600	1,957	68,500	1,683	
South Dakota	589,286	20,625,000	575,814	20,153,500		13,472
Tennessee	366	12,800	663	23,200	297	
Texas	620	21,700	566	19,800		54
Utah	233,260	8,164,100	311,943	10,918,000	78,683	
Virginia	914	32,000	1,149	40,200	235	
Washington	11,646	407,600	32,974	1,154,100	21,328	
Wyoming	2,003	70,100	1,680	58,800		323
Philippine Islands	597,266	20,904,300	692,363	24,232,700	95,097	
Puerto Rico	483	16,900	17	600		466
Total	4,357,394	152,508,800	4,804,540	168,158,900	489,813	42,667
Net increase					447,146	

[1] For method of calculation, see p. 48.

Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1936 and 1937, with the increase and decrease in each for the latter year

State and Territory	Production [1]				Increase	Decrease
	1936		1937			
	Ounces	*Value* [2]	*Ounces*	*Value* [2]	*Ounces*	*Ounces*
Alaska	398,378	$308,544	656,894	$508,108	258,516	
Alabama	1,107	857	734	568		373
Arizona	8,556,186	6,626,766	9,541,141	7,380,073	984,955	
California	2,036,556	1,577,313	2,794,550	2,161,584	757,994	
Colorado	6,391,005	4,949,833	6,286,393	4,862,525		104,612
Georgia	27	21	44	34	17	
Idaho	14,814,585	11,473,896	19,556,118	15,126,657	4,741,533	
Illinois	3,288	2,547	1,236	956		2,052
Maryland	30	23	30	23		
Michigan			19,022	14,714	19,022	
Missouri	289,408	224,146	118,080	91,335		171,328
Montana	11,498,013	8,905,211	11,740,970	9,081,640	242,957	
Nevada	5,172,858	4,006,378	4,722,623	3,652,949		450,235
New Mexico	1,244,133	963,581	1,400,330	1,083,155	156,197	
New York	22,369	17,325	45,752	35,389	23,383	
North Carolina	5,442	4,215	5,649	4,370	207	
Oregon	103,037	79,802	75,154	58,132		27,883
Pennsylvania	7,987	6,186	10,206	7,894	2,219	
South Carolina	73	56	491	380	418	
South Dakota	144,777	112,130	142,063	109,886		2,714
Tennessee	48,809	37,803	50,065	38,724	1,256	
Texas	1,347,671	1,043,771	1,338,393	1,035,247		9,278
Utah	11,203,672	8,677,244	12,692,203	9,817,419	1,488,531	
Virginia	101	78	787	609	686	
Washington	59,943	46,426	99,627	77,062	39,684	
Wyoming	1,132	877	374	289		758
Philippine Islands	461,402	357,356	642,864	497,255	181,462	
Puerto Rico	187	145	1	1		186
Total	63,812,176	49,422,530	71,941,794	55,646,978	8,899,037	769,419
Net increase					8,129,618	

[1] For method of calculation, see p. 48.
[2] Calculated on basis of $0.7745 and $0.7735 per fine ounce for 1936 and 1937, respectively, the average amounts per ounce returned to depositors of newly mined domestic silver.

Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)

[The estimate for 1792–1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendar year	Gold		Silver	
	Fine ounces	Value [1]	Fine ounces	Commercial value
1792 to July 31, 1834	677,250	$14,000,000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362,812	7,500,000	193,400	$253,400
1845	48,762	1,008,000	38,700	50,200
1846	55,341	1,140,000	38,700	50,300
1847	43,005	889,000	38,700	50,600
Total	1,187,170	24,537,000	309,500	404,500
1848	483,750	10,000,000	38,700	50,500
1849	1,935,000	40,000,000	38,700	50,700
1850	2,418,750	50,000,000	38,700	50,900
1851–55	14,270,625	295,000,000	193,500	259,400
1856–60	12,384,000	256,000,000	309,400	418,300
1861–65	10,716,271	221,525,000	28,810,600	38,674,300
1866–70	12,225,570	252,725,000	49,113,200	65,261,100
1871	2,104,312	43,500,000	17,789,100	23,588,300
1872	1,741,500	36,000,000	22,236,300	29,396,400
Total	58,279,778	1,204,750,000	118,568,200	157,749,900
1873–75	4,980,631	102,958,800	81,057,900	103,285,000
1876–80	10,300,633	212,933,000	157,680,500	182,506,400
1881–85	7,730,372	159,801,000	182,840,700	202,806,600
1886–90	8,077,967	166,984,500	231,819,100	227,495,200
1891–95	9,106,834	188,255,000	287,057,000	227,960,100
1896–1900	15,728,572	325,138,400	279,544,300	172,688,800
1901–05	19,393,722	400,903,800	278,798,400	159,543,400
1906–10	22,993,218	475,312,000	277,332,800	162,916,400
1911	4,687,053	96,890,000	60,399,400	32,615,700
1912	4,520,719	93,451,500	63,766,800	39,197,500
1913	4,299,784	88,884,400	66,801,500	40,348,100
1914	4,572,976	94,531,800	72,455,100	40,067,700
1915	4,887,604	101,035,700	74,961,075	37,397,300
1916	4,479,057	92,590,300	74,414,802	48,953,000
1917	4,051,440	83,750,700	71,740,362	59,078,100
1918	3,320,784	68,646,700	67,810,139	66,485,129
1919	2,918,628	60,333,400	56,682,445	63,533,652
1920	2,476,166	51,186,900	55,361,573	60,801,955
1921	2,422,006	50,067,300	53,052,441	53,052,441
1922	2,363,075	48,849,100	56,240,048	56,240,048
1923	2,502,632	51,734,000	73,335,170	60,134,839
1924	2,528,900	52,277,000	65,407,186	43,822,814
1925	2,411,987	49,860,200	66,155,424	45,911,864
1926	2,335,042	48,269,600	62,718,746	39,136,497
1927	2,197,125	45,418,600	60,434,441	34,266,328
1928	2,233,251	46,165,400	58,462,507	34,200,567
1929	2,208,386	45,651,400	61,327,868	32,687,754
1930	2,285,603	47,247,600	50,748,127	19,538,029
1931	2,395,878	49,527,200	30,932,050	8,970,294
1932	2,449,032	50,626,000	23,980,773	6,762,578
1933	2,556,246	52,842,300	23,002,629	8,050,920
1934	3,091,183	108,191,400	32,725,353	[2] 21,155,784
1935	3,609,283	126,324,900	45,924,454	33,008,201
1936	4,357,394	152,508,800	63,812,176	49,422,530
1937	4,804,540	168,158,900	71,941,794	55,646,978
Total	185,277,723	4,057,307,600	3,340,725,083	2,529,688,502
Grand total	244,744,671	5,286,594,600	3,459,602,783	2,687,842,902

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver; in 1934 at $0.64+ per fine ounce, in 1935 at $0.71875, in 1936 at $0.7745, in 1937 at $0.7735.

Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1937

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at $35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1937, with the classes of material from which they were made.

Gold and silver issued for use in the industrial arts during the calendar year 1937 [1]

Item	Issued by—	Gold	Silver
		Value	*Fine ounces*
Bullion	Mints and assay offices	$514,248	233,112
Bullion in various forms	Private refiners and dealers	39,108,090	50,981,814
United States coin [2]	Banks, etc.		77,344
Total		39,622,338	51,292,270
Old jewelry, plate, scrap, etc., contained in private refineries' and dealers' returns, and that returned to monetary use.		36,407,945	23,564,986
Net new material used in industry		3,214,393	27,727,284

[1] For explanation of calculation see p. 48.
[2] Estimated; the quantity of silver is equal to 100,000 silver dollars.

Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880

GOLD [1]

Calendar year	Total issues	Old material returned from manufactures and the arts [2]	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	$10,105,432	$1,294,385	$8,811,047	$3,300,000	$5,511,047
1881–85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886–90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891–95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896–1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901–5	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906–10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911	40,834,292	7,731,238	33,103,054	3,500,000	29,603,054
1912	43,977,257	8,106,705	35,870,552	3,500,000	32,370,552
1913	45,864,066	8,362,235	37,501,831	3,500,000	34,001,831
1914	36,137,075	12,934,974	23,202,101	1,000,000	22,202,101
1915	36,126,353	12,698,326	23,428,027	1,000,000	22,428,027
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	−6,489,667	1,000,000	−7,489,667
1933	17,013,260	22,805,960	−5,792,700	100,000	−5,892,700
1934	14,232,795	75,927,285	−61,694,490	----------	−61,694,490
1935	25,929,497	58,390,675	−32,461,178	----------	−32,461,178
1936	32,967,937	35,875,770	−2,907,833	----------	−2,907,833
1937	39,622,338	36,407,945	3,214,393	----------	3,214,393
Total	1,918,996,038	886,672,306	1,032,323,732	138,975,000	893,348,732

SILVER

	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1880	2,793,929	203,540	2,590,389	464,063	2,126,326
1881–85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886–90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891–95	39,985,973	4,754,381	35,231,592	541,406	34,690,186
1896–1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901–05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906–10	122,764,809	18,342,642	104,422,167	386,720	104,035,447
1911	32,013,685	5,725,582	26,288,103	77,344	26,210,759
1912	29,936,520	7,291,699	22,644,821	77,344	22,567,477
1913	30,992,834	7,864,466	23,128,368	77,344	23,051,024
1914	29,309,961	6,758,330	22,551,631	77,344	22,474,287
1915	29,968,115	7,001,875	22,966,240	77,344	22,888,896
1916	32,103,507	9,899,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,041,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,024,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,824,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11,381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,829	26,874,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,335,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,343,451	18,532,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	35,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,292,270	23,564,986	27,727,284	77,344	27,649,940
Total	1,303,237,105	364,131,606	939,105,499	5,800,787	933,304,712

[1] Value of gold in 1934 and thereafter calculated on basis of $35 per fine ounce; prior thereto on basis of $20.67+ per fine ounce.

[2] Treated as having priority as regards issue or reissue.

Mint Issue of Fine Gold Bars for Industrial Use

(On value basis; see p. 48)

The value of the fine gold bars issued for industrial use in exchange for cash by the United States mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1937, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1937:		1937—Continued.	
January	$44,345.66	September	$22,226.29
February	43,111.39	October	30,990.36
March	38,708.60	November	20,529.04
April	95,354.87	December	36,776.55
May	57,771.00		
June	37,035.68	Total	510,048.04
July	42,691.03		
August	40,507.57	Prior calendar year	722,857.24

Domestic coinage of the United States mints during the calendar year 1937

Denomination	Philadelphia	San Francisco	Denver	Total face amount	Total pieces
Silver:					
Half dollars:					
Regular	$4,763,864.00	$1,045,000.00	$838,000.00	$6,646,864.00	13,293,728
Arkansas centennial, Indian and Liberty heads	2,752.50	2,753.00	2,752.50	8,258.00	16,516
Arkansas centennial, Senator Joseph T. Robinson's portrait	12,632.50			12,632.50	25,265
Battle of Antietam, 75th anniversary	25,014.00			25,014.00	50,028
Battle of Gettysburg, 75th anniversary	25,014.00			25,014.00	50,028
Daniel Boone bicentennial	7,505.00	2,503.00	3,753.00	13,761.00	27,522
Great Lakes Exposition—Cleveland, Ohio, centennial	12,507.50			12,507.50	25,015
New Rochelle, N. Y., 250th anniversary	12,507.50			12,507.50	25,015
Norfolk, Va., tercentennial of land grant and bicentennial of city	12,506.50			12,506.50	25,013
Oregon Trail			6,004.00	6,004.00	12,008
Roanoke Island, N. C., 350th anniversary	25,015.00			25,015.00	50,030
Swedes' landing in Delaware tercentennial	12,507.50			12,507.50	25,015
Texas centennial	4,002.50	4,003.50	4,003.00	12,009.00	24,018
Quarter dollars	4,925,385.50	413,000.00	1,797,400.00	7,135,785.50	28,543,142
Dimes	5,686,575.60	974,000.00	1,414,600.00	8,075,175.60	80,751,756
Total silver	15,527,789.60	2,441,259.50	4,066,512.50	22,035,561.60	122,944,099
Minor:					
5-cent nickel	3,974,288.45	281,750.00	891,300.00	5,147,338.45	102,946,769
1-cent bronze	3,091,793.20	345,000.00	504,300.00	3,941,093.20	394,109,320
Total minor	7,066,081.65	626,750.00	1,395,600.00	9,088,431.65	497,056,089
Total coinage	22,593,871.25	3,068,009.50	5,462,112.50	31,123,993.25	620,000,188
Prior year:					
Total coinage, face amount	34,604,876.94	4,936,855.50	6,846,369.00	46,388,101.44	
Total coinage, pieces	570,411,072	61,140,111	91,425,538		722,976,721

The coinage for other countries during the calendar year 1937, all by the mint at Philadelphia, totaled 26,800,000 pieces, as compared with 32,350,000 pieces during the prior year coined by the same mint, as follows:

Country	Pieces	Country	Pieces
Silver:		Nickel: Nicaragua	300,000
Cuba	11,500,000	Bronze: Nicaragua	2,200,000
Honduras	5,000,000		
Venezuela	7,800,000	Total coinage	26,800,000
Total silver	24,300,000	Prior year total coinage	32,350,000

Deposits of foreign gold bullion and foreign coin during the calendar year ended Dec. 31, 1937

[On quantity basis. see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:	*Value*	*Value*	*Value*		
Canada	$40,845	$103,745,950		$103,786,795	2,965,337
Mexico	1,402,240	38,423,070	$560	39,825,870	1,137,882
Cuba	137,305		156,835	294,140	8,404
Dominican Republic	283,220			283,220	8,092
British West Indies	77,350	14,070		91,420	2,612
Other North American countries	1,995			1,995	57
Central America	1,750,420	1,115,660	280	2,866,360	81,896
South America:					
Bolivia	1,296,820			1,296,820	37,052
Chile	2,569,910			2,569,910	73,426
Colombia	17,945,340		7,525	17,952,865	512,939
Ecuador	72,765			72,765	2,079
Peru	789,810	216,440		1,006,250	28,750
Venezuela	508,830			508,830	14,538
Other South American countries	2,205		35	2,240	64
Europe:					
Belgium	3,836,980	3,234,665		7,071,645	202,047
France	143,455,655	144,796,715	104,405	288,356,775	8,238,765
Germany	604,730	1,770,020	420	2,375,170	67,862
Great Britain	102,111,450	511,987,490	2,074,975	616,173,915	17,604,969
Italy		315,700		315,700	9,020
Netherlands	2,045,015	1,079,610	1,365	3,125,990	89,314
Switzerland		318,570	175	318,745	9,107
Europe and Asia: Union of Socialist Soviet Republics		110,674,690	35	110,674,725	3,162,135
Asia:					
China	1,896,195	266,175		2,162,370	61,782
India	60,375,560	296,520		60,672,080	1,733,488
Japan	70,716,520	165,522,910		236,239,430	6,749,698
Africa: Egypt	5,451,145			5,451,145	155,747
Oceania: Australia	4,822,685	26,655,860		31,478,545	899,387
Unallocated	249,305		19,285	268,590	7,674
Total value	422,444,295	1,110,434,115	2,365,895	1,535,244,305	
Total ounces	12,069,837	31,726,689	67,597		43,864,123

Deposits of foreign silver bullion and coin during the calendar year 1937 [1]

[On quantity basis; see p. 48]

Country	Fine ounces	Subsidiary coining value at $1.38+per fine ounce
Crude bullion:		
North America:		
Canada	4	$5
Mexico	18,880	26,100
Cuba	595	822
Dominican Republic	600	829
British West Indies	216	298
Other North American countries	36	49
Central America	31,011	42,869
South America:		
Bolivia	4,526	6,257
British Guiana	17	24
Chile	9,359	12,938
Colombia	6,169	8,528
Ecuador	510	705
Crude bullion—Continued.		
South America—Contd.		
Peru	21,161	$29,253
Venezuela	930	1,286
Africa: Egypt	11,060	15,289
Asia:		
China	1,445	1,998
India	57,333	79,258
Japan	11,309	15,634
Oceania: Australia	32,060	44,320
Unallocated	906	1,252
Mixed foreign coin	421	585
Total fine ounces	208,548	
Total subsidiary coining value		288,299

[1] Does not include silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 241,515,359 fine ounces for the calendar year 1937.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 12,273,718 fine ounces not included in the above table and consisted of: Chinese coin, 3,019,897 fine ounces; domestic refinery bars, 2,424,928 fine ounces; miscellaneous foreign refined, 6,236,868 fine ounces; Belgian refined, 51,235 fine ounces; Great Britain refined, 242,083 fine ounces; French refined, 68,785 fine ounces; German refined, 15,250 fine ounces; Mexican refined, 152,249 fine ounces; Japanese refined, 62,423 fine ounces.

Number of gold and silver deposit transactions and assay determinations during the calendar year 1937

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Fort Knox	Total
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Deposit transactions:								
Acquisitions	8,599	18,617	5,705	17,772	2,610	3,906	-------	57,209
Transfers	236	28	69	-------	4	1	39	377
Deposits for foreign coinage	19	1	-------	-------	-------	-------	-------	20
Total deposit transactions	8,854	18,646	5,774	17,772	2,614	3,907	39	57,606
Deposit assay determinations:								
Acquisitions	12,756	26,801	8,352	24,811	2,617	5,182	-------	80,519
Transfers	236	30	8,975	-------	-------	1	-------	9,242
Deposits for foreign coinage	1,006	592	-------	-------	-------	-------	-------	1,598
Total deposit assay determinations	13,998	27,423	17,327	24,811	2,617	5,183	-------	91,359

Deposits and purchases of gold during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	1. 642	7, 786. 713
Alabama		
Arizona		52, 099. 904
California	6. 816	832, 791. 507
Colorado		5. 504
Georgia		
Idaho	2. 142	6, 518. 788
Maryland	1, 068. 317	
Michigan		
Montana		1. 995
Nevada		81, 260. 839
New Mexico		15. 308
North Carolina	304. 314	
Oregon		18, 086. 240
South Carolina	1, 880. 719	
South Dakota		
Texas		
Utah		35. 232
Virginia	133. 911	
Washington		5, 935. 371
Wyoming		
Philippine Islands		641, 607. 538
Puerto Rico		
Grains, receiving division	181. 839	158. 510
Total unrefined	3, 579. 700	1, 646, 303. 449
Domestic refinery bullion:		
Less than 0.995		
0.995 fine and over		924, 485. 686
Total domestic purchases	3, 579. 700	2, 570, 789. 135
Foreign coin	97. 640	8, 230. 868
Foreign bullion:		
Crude	11, 045. 468	2, 177, 572. 407
Refined		5, 403, 457. 450
Jeweler's bars, dental scrap, etc	132, 964. 538	42, 029. 189
Total deposits purchased	147, 687. 346	10, 202, 079. 049
REDEPOSITS PURCHASED		
Domestic coin		
Bars stamped by U. S. Government	120. 335	137. 462
Surplus bullion (recoveries)		
Total redeposits purchased	1, 146. 189	1, 336. 019
Total purchases	1, 266. 524	1, 473. 481
	148, 953. 870	10, 203, 552. 530
REDEPOSITS TRANSFERRED		
Domestic coin from other Treasury offices (melted)		
Foreign coin from other Treasury offices	4, 276, 633. 406	
Refined bars	7. 728	
Unrefined bars		
Proof bullion		
Total redeposits transferred		148. 030
Grand total, fine ounces	4, 276, 641. 134	148. 030
Value of—	4, 425, 595. 004	10, 203, 700. 560
	Value	*Value*
Acquisitions at $20.67+ per ounce	$3, 348. 93	$4, 976. 79
Increment to $35 per ounce	2, 321. 15	3, 448. 37
Purchases at $35 per ounce	5, 207, 715. 39	357, 115, 913. 40
Domestic coin from other Treasury offices (melted)	149, 682, 169. 20	
Foreign coin from other Treasury offices	270. 47	
Other transfers		
Total value at $35 per ounce		5, 181. 05
	154, 895, 825. 14	357, 129, 519. 61

the calendar year ended Dec. 31, 1937

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Denver	New York	New Orleans	Seattle	Fort Knox	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
12.910	152.351		579,186.037		587,139.653
		38.783			38.783
179.271	73.419		6.397		52,358.991
18.570	759.887		514.666		834,091.446
210,595.627			9.913		210,611.044
	1.354	537.685			539.039
14,122.190			36,759.271		57,402.391
					1,068.317
	51.439				51.439
57,485.320	4.831		40,579.158		98,071.304
425.684			2.528		81,689.051
11,360.796		51.680			11,427.784
					304.314
70.897	1.700		10,740.583		28,899.420
	10.770				1,891.489
30,635.907					30,635.907
		4.176			4.176
7,332.431					7,367.663
					133.911
5,287.697			2,109.602		13,332.670
1,498.025			16.587		1,514.612
			3.568		641,611.106
	17.190				17.190
39.754	68.419	4.789	40.826		494.137
339,065.079	1,141.360	637.113	669,969.136		2,660,695.837
14,046.605			2,524.141		16,570.746
571,992.501	1,036,914.276				2,533,392.463
925,104.185	1,038,055.636	637.113	672,493.277		5,210,659.046
49.269	59,196.021	13.392	2.823		67,590.013
8,419.508	9,870,820.270	817.548	1,161.500		12,069,836.701
	26,323,231.341				31,726,688.791
23,900.439	192,177.137	29,142.588	14,135.661		434,349.552
957,473.401	37,483,480,405	30,610.641	687,793.261		49,509,124.103
64.193	1,285.557	5.558	12.203		1,625.308
	910,931.967				910,931.967
442.072	667.426	27.910			3,619.616
506.265	912,884.950	33.468	12.203		916,176.891
957,979.666	38,396,365.355	30,644.109	687,805.464		50,425,300.994
					4,293,989.267
17,355.861					7.728
				157,820,192.441	164,005,650.768
6,185,458.327					2,754,499.005
2,754,499.005		20.000	10.000		228.030
50.000					
8,957,363.193		20.000	10.000	157,820,192.441	171,054,374.798
9,915,342.859	38,396,365.355	30,664.109	687,815.464	157,820,192.441	221,479,675.792
Value	*Value*	*Value*	*Value*	*Value*	*Value*
$2,599.62	$22,189.60	$534.13	$504.78		$34,153.85
1,798.33	15,366.77	376.49	353.92		23,665.03
33,524,890.50	1,343,835,231.06	1,071,633.19	24,072,332.54		1,764,827,716.08
607,455.14					150,289,624.34
					270.47
312,900,256.47		700.00	350.00	$5,523,706,735.45	5,836,613,222.97
347,037,000.06	1,343,872,787.43	1,073,243.81	24,073,541.24	5,523,706,735.45	7,751,788,652.74

Deposits and purchases of silver during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	0.33	1,369.09
Alabama		
Arizona		83,220.46
California	.76	898,111.77
Colorado		1.64
Georgia		
Idaho	2.37	1,332.84
Maryland	29.98	
Michigan		
Montana		.20
Nevada		413,209.89
New Mexico		2.58
North Carolina	43.75	
Oregon		2,717.60
South Carolina	108.49	
South Dakota		
Texas		
Utah		56.92
Virginia	10.11	
Washington		11,678.06
Wyoming		
Philippine Islands		550,405.15
Puerto Rico		
Grains, receiving division	239.25	109.20
Total unrefined	435.04	1,962,215.40
Domestic refinery bullion:		
Less than 0.996 fine		
0.996 fine and over	38,201,545.51	29,488,993.07
Total domestic purchases	38,201,980.55	31,451,208.47
Foreign coin	.26	417.64
Foreign bullion:		
Crude	1,500.72	41,814.19
Refined	3,404.13	135,932,013.05
Jeweler's bars, dental scrap, etc	53,654.63	35,321.88
Nationalized refined bars		
Total deposits purchased	38,260,540.29	167,460,775.23
REDOPOSITS PURCHASED		
Domestic coin purchased as bullion	2,663.39	184.53
Surplus bullion (recoveries)		8,786.99
Total redeposits purchased	2,663.39	8,971.52
Total purchases	38,263,203.68	167,469,746.75
REDEPOSITS TRANSFERRED		
Domestic coins from Treasury		
Domestic assay pieces	2,862,342.42	356,318.96
Unrefined bars	210.07	
Proof bullion		50.00
Total redeposits transferred	2,862,552.49	356,368.96
DEPOSITED FOR FOREIGN COINAGE		
Foreign bullion, refined		
Foreign coin	6,828,892.96	
Domestic refinery bars		3,019,896.93
Total deposits for foreign coinage	2,424,927.89	
Grand total, fine ounces	9,253,820.85	3,019,896.93
	50,379,577.02	170,846,012.64
VALUE	*Value*	*Value*
Cost of silver acquired	$29,557,770.38	$85,606,772.33
Cost of bullion transferred	2,576,253.71	316,014.28
Subsidiary coining value of transferred domestic coin	3,957,217.89	492,578.48
Monetary value (at $1.29+ per fine ounce) of bullion transferred		64.65
Monetary value (at $1.29+ per fine ounce) of silver acquired	49,471,616.89	216,526,541.26

the calendar year ended Dec. 31, 1937

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
63,135.73	51.69		27,177.21	91,734.05
		7.53		7.53
32.97	7.69		.36	83,261.48
3.54	171.00		93.45	898,380.52
57,115.15			.53	57,117.32
	.20	42.02		42.22
13,073.56			3,325.48	17,734.25
				29.98
	8.60			8.60
123,564.01	.28		1,193.61	124,758.10
91.69			.18	413,301.76
260,043.15		14.28		260,060.01
				43.75
1,839.05	.24		598.73	5,155.62
	1.40			109.89
25,402.09				25,402.09
		.31		.31
3,977.47				4,034.39
				10.11
18,647.98			145.02	30,471.06
174.71			2.11	176.82
	.22		.26	550,405.63
	1.28			1.28
34.67	20.86	1.80	12.66	418.44
567,135.77	263.46	65.94	32,549.60	2,562,665.21
			16.67	
444,173.24				444,189.91
832.01	207,158.06			67,898,528.65
1,012,141.02	207,421.52	65.94	32,566.27	70,905,383.77
.06	2.18			420.14
		212.89	1.45	208,126.91
5,317.27	159,280.39	4,843.00		241,550,410.22
38,107,460.35	67,502,689.69	4,035.66	4,190.45	198,188.40
7,533.34	93,452.44			6,988.15
6,988.15				
39,139,440.19	67,962,846.22	9,157.49	36,758.17	312,869,517.59
				3,344.94
451.63	45.39	11.33		16,068.66
1,767.97	5,502.37			
2,219.60	5,547.76	11.33		19,413.60
39,141,659.79	67,968,393.98	9,168.82	36,758.17	312,888,931.19
				4,064,319.10
845,657.72				210.07
				1,697,126.31
1,697,126.31		224.81		1,923.69
100.00	1,548.88			
2,542,884.03	1,548.88	224.81		5,763,579.17
				6,828,892.96
				3,019,896.93
				2,424,927.89
				12,273,717.78
		9,393.63	36,758.17	330,926,228.14
41,684,543.82	67,969,942.86			
Value	*Value*	*Value*	*Value*	*Value*
$17,954,445.77	$30,554,121.25	$4,032.17	$16,170.17	$163,693,312.07
1,596,661.86	707.22	102.16		4,489,739.23
1,169,044.71				5,618,841.08
2,168,185.12	2,002.59	129.20		2,170,381.56
50,607,398.51	87,878,327.58	11,854.64	47,525.71	404,543,264.59

Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1937

[On quantity basis; see p. 48]

Denomination	From Treasury stock	Acquired	Total
	Face amount	*Face amount*	*Face amount*
Gold:			
Double eagles	$65,805,540.00	$28,180.00	$65,833,720.00
Eagles	22,091,960.00	1,110.00	22,093,070.00
Half eagles	876,110.00	1,505.00	877,615.00
Quarter eagles	33,777.50	582.50	34,360.00
3-dollar pieces	93.00	63.00	156.00
1-dollar pieces	294.00	251.00	545.00
Total gold, face amount	88,807,774.50	31,691.50	88,839,466.00
Total value of gold content at $20.67+per ounce	88,766,630.88	31,604.78	88,798,235.66
Silver:			
Trade dollars		23.00	23.00
Standard dollars		483.00	483.00
Half dollars	2,618,121.50	1,533.00	2,619,654.50
Quarter dollars	2,482,825.50	1,550.50	2,484,376.00
20-cent pieces	1.40		1.40
Dimes	1,018,695.50	1,668.20	1,020,363.70
Half dimes	245.20	1.40	246.60
3-cent pieces	86.70	.06	86.76
Total silver, face amount	6,119,975.80	5,259.16	6,125,234.96
Nickel:			
5-cent pieces	494,664.85	146.05	494,810.90
3-cent pieces	60.96		60.96
1-cent pieces	39.72		39.72
Total nickel, face amount	494,765.53	146.05	494,911.58
Bronze:			
2-cent pieces	46.56		46.56
1-cent pieces	76,741.23	94.09	76,835.32
Total bronze, face amount	76,787.79	94.09	76,881.88
Copper:			
1-cent pieces	76.48		76.48
½-cent pieces	1.03		1.03
Total copper, face amount	77.51		77.51
Total minor, face amount	571,630.83	240.14	571,870.97
Total face amount	95,499,381.13	37,190.80	95,536,571.93
SUMMARY			
Metal obtained by melting the above:	*Weights*	*Weights*	*Weights*
Gold ---fine ounces	4,294,085.770	1,528.881	4,295,614.651
Silver ---do	4,064,319.10	3,555.01	4,067,874.11
Nickel ---gross ounces	1,511,523.93	463.15	1,511,987.08
Bronze ---do	749,929.82	931.01	750,860.83
Copper ---do	2,486.75		2,486.75
Monetary value of metal obtained:	*Value*	*Value*	*Value*
Gold [1]	$150,293,001.95	$53,510.84	$150,346,512.79
Silver	5,618,550.66	4,914.46	5,623,465.12
Nickel	470,033.30	144.06	470,177.36
Bronze	74,992.94	93.10	75,086.04
Copper	71.99		71.99
Total	156,456,650.84	58,662.46	156,515,313.30
Loss by recoinage:			
Gold			
Silver			
Nickel	501,425.14	344.70	501,769.84
Bronze	24,732.23	1.99	24,734.22
Copper	1,794.85	.99	1,795.84
Total	5.52		5.52
	527,957.74	347.68	528,305.42

[1] At $35 per fine ounce.

Summary of exports and imports of gold and silver, calendar year 1937

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$46,020,018	$1,631,523,270	$12,042,339	$91,876,984
In ore and base bullion	933,764	74,214,974	616,435	21,540,648
Refined bullion	45,086,254	1,554,666,687	952,435	48,320,445
Coin:				
United States		1,965	9,582	278,422
Foreign		2,639,644	10,463,887	21,737,469

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

Bases Used for Mint Service Statistics

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations the receipt classification item of "Domestic refinery bullion" includes that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that work only old materials.

Gold and silver production estimates.—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

Gold and silver consumption in industry.—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

Stock of domestic coin.—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with

annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

Domestic coin made.—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

Number of gold and silver deposit transactions and assay determinations during the fiscal year 1938

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
Deposit transactions:							
Acquisitions	8,235	18,533	5,484	17,006	2,509	3,938	55,705
Transfers	183	33	54	21	6	1	298
Deposits for foreign coinage	2						2
Total deposit transactions	8,420	18,566	5,538	17,027	2,515	3,939	56,005
Deposit assay determinations:							
Acquisitions	12,164	25,278	7,171	26,323	2,517	5,127	78,580
Transfers	183	33	2,878	3,305		1	6,400
Deposits for foreign coinage	207						207
Total deposit assay determinations	12,554	25,311	10,049	29,628	2,517	5,128	85,187

Deposits and purchases of gold during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	1.642	7,809.041
Alabama		
Arizona		46,383.130
California		873,284.386
Colorado		3.093
Georgia		
Idaho		7,018.804
Maryland	1,264.875	
Michigan		
Montana		1.995
Nevada		93,992.931
New Mexico		15.308
North Carolina	1,352.941	
Oregon		16,853.365
South Carolina	5,762.289	
South Dakota		
Texas		
Utah		35.232
Virginia	301.541	
Washington		12,761.086
Wyoming		
Philippine Islands		684,396.638
Puerto Rico		
Grains, receiving division	176.809	147.659
Total unrefined	8,860.097	1,742,702.668
Domestic refinery bullion:		
Less than 0.995 fine		
0.995 fine and over		890,748.683
Total domestic purchases	8,860.097	2,633,451.351
Foreign coin	99.529	8,215.128
Foreign bullion:		
Crude	4,420.149	2,830,088.316
Refined		5,503,237.217
Jeweler's bars, dental scrap, etc	123,840.959	39,005.698
Total deposits purchased	137,220.734	11,013,997.710
REDEPOSITS PURCHASED		
Domestic coin	124.447	64.001
Bars stamped by U. S. Government		
Surplus bullion (recoveries)	497.631	2,625.072
Total redeposits purchased	622.078	2,689.073
Total purchases	137,842.812	11,016,686.783
REDEPOSITS TRANSFERRED		
Domestic coin from other Treasury offices (melted)	9,401.587	
Foreign coin from other Treasury offices	18.049	
Unrefined bars		
Proof bullion		194.510
Total redeposits transferred	9,419.636	194.510
Grand total, fine ounces	147,262.448	11,016,881.293
Value of—	*Value*	*Value*
Acquisitions at $20.67+ per ounce	$5,683.22	$3,760.17
Increment to $35 per ounce	3,939.13	2,605.40
Acquisitions at $35 per ounce	4,814,876.09	385,577,671.84
Domestic coin from other Treasury offices (melted)	329,055.54	
Foreign coin from other Treasury offices	631.70	
Other transfers		
Total amount at $35 per ounce	5,154,185.68	6,807.85
		385,590,845.26

the fiscal year ended June 30, 1938

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Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
12.836	152.351		555,949.199	563,925.069
		19.141		19.141
391.691	73.419			46,848.240
11.028			170.907	873,466.321
219,740.821				219,743.914
	1.354	678.907		680.261
18,343.824			36,837.340	62,199.968
				1,264.875
	51.439			51.439
53,673.421	4.831		46,859.758	100,540.005
763.502			2.528	94,758.961
11,428.230		84.306		11,527.844
				1,352.941
90.142	1.700		12,512.810	29,458.017
	18.434			5,780.723
36,042.865				36,042.865
		.914		.914
5,812.086				5,847.318
				301.541
4,564.668			2,135.906	19,461.660
1,472.252			16.587	1,488.839
			3.568	684,400.206
	23.302			23.302
192.159	66.006	4.685	66.935	654.253
352,539.525	392.836	787.953	654,555.538	2,759,838.617
			3,791.592	15,106.619
11,315.027				2,671,600.768
602,584.412	1,178,267.673			
966,438.964	1,178,660.509	787.953	658,347.130	5,446,546.004
239.338	79,862.416	10.518	2.880	88,429.809
				8,618,107.880
8.017	5,781,658.646	621.980	1,310.772	17,116,987.394
	11,613,750.177			406,529.767
24,875.822	179,092.290	27,476.850	12,238.148	
991,562.141	18,833,024.038	28,897.301	671,898.930	31,676,600.854
				49,054.489
72.329	48,766.734	19.936	7.042	526,832.698
	526,832.698			5,622.397
308.426	2,163.358	27.910		
				581,509.584
380.755	577,762.790	47.846	7.042	
991,942.896	19,410,786.828	28,945.147	671,905.972	32,258,110.438
				38,784.003
29,382.416				18.049
				2,284,584.277
735,009.107	1,549,575.170	37.518	10.000	292.028
50.000				
764,441.523	1,549,575.170	37.518	10.000	2,323,678.357
1,756,384.419	20,960,361.998	28,982.665	671,915.972	34,581,788.795
Value	*Value*	*Value*	*Value*	*Value*
$3,372.74	$1,014,729.78	$624.13	$498.45	$1,028,668.49
2,337.61	703,347.02	438.70	347.77	713,015.63
34,712,291.12	677,659,462.19	1,012,017.33	23,515,862.80	1,127,292,181.37
				1,357,440.11
1,028,384.57				631.70
		1,313.11	350.00	79,970,670.53
25,727,068.62	54,235,130.95			
61,473,454.66	733,612,669.94	1,014,393.27	23,517,059.02	1,210,362,607.83

Deposits and purchases of silver during

[ON QUANTITY

Source and description	Philadelphia	San Francisco
PURCHASES	*Fine ounces*	*Fine ounces*
Alaska	0.33	1,380.60
Alabama		
Arizona		93,004.14
California		864,056.53
Colorado		1.08
Georgia		
Idaho		1,570.85
Maryland	35.88	
Michigan		
Montana		.20
Nevada		460,650.24
New Mexico		2.58
North Carolina	88.28	
Oregon		2,517.61
South Carolina	127.44	
South Dakota		
Texas		
Utah		56.92
Virginia	55.01	
Washington		25,631.63
Wyoming		
Philippine Islands		672,856.21
Puerto Rico		
Grains, receiving division	120.92	97.84
Total unrefined	427.86	2,121,826.43
Domestic refinery bullion:		
Less than 0.996 fine		
0.996 fine and over	37,163,103.49	28,368,837.95
Total domestic purchases	37,163,531.35	30,490,664.38
Foreign coin	.07	173.61
Foreign bullion:		
Crude	665.51	64,796.14
Refined	3,345.78	107,123,756.28
Jeweler's bars, dental scrap, etc	44,399.11	30,762.20
Nationalized refined bars		
Total deposits purchased	37,211,941.82	137,710,152.61
REDEPOSITS PURCHASED		
Domestic coin purchased as bullion	2,571.95	170.08
Surplus bullion (recoveries)	7,147.34	12,071.24
Total redeposits purchased	9,719.29	12,241.32
Total purchases	37,221,661.11	137,722,393.93
REDEPOSITS TRANSFERRED		
Domestic coins from Treasury		
Domestic assay pieces	2,691,429.62	282,676.14
Unrefined bars	224.00	
Proof bullion		
Total redeposits transferred	2,691,653.62	282,676.14
DEPOSITED FOR FOREIGN COINAGE		
Foreign bullion, refined	725,249.79	
Grand total, fine ounces	40,638,564.52	138,005,070.07
VALUE	*Value*	*Value*
Cost of acquisitions	$28,091,267.70	$70,723,805.70
Cost of bullion transferred		
Subsidiary coining value of transferred domestic coin		
Monetary value (at $1.29+ per fine ounce) of bullion transferred	3,720,965.74	390,774.00
Monetary value (at $1.29+ per fine ounce) of silver acquired	48,124,975.99	178,065,317.41

the fiscal year ended June 30, 1938

BASIS; SEE P. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
60, 592. 93	51. 69		25, 541. 60	87, 567. 15
		1. 07		1. 07
56. 68	7. 69			93, 068. 51
1. 31				864, 083. 90
66, 003. 07			26. 06	66, 004. 15
	. 20	39. 15		39. 35
14, 207. 09			3, 908. 51	19, 686. 45
				35. 88
	8. 60			8. 60
124, 714. 84	. 28		3, 023. 70	127, 739. 02
191. 78			. 18	460, 842. 20
328, 545. 52		26. 40		328, 574. 50
				88. 28
2, 137. 55	. 24		778. 39	5, 433. 79
	1. 65			129. 09
37, 230. 39				37, 230. 39
		. 08		. 08
1, 670. 87				1, 727. 79
			111. 51	166. 52
17, 644. 36			80. 99	43, 356. 98
176. 87			2. 11	178. 98
			. 26	672, 856. 47
	2. 02			2. 02
98. 82	20. 29	1. 31	19. 61	358. 79
653, 272. 08	92. 66	68. 01	33, 492. 92	2, 809, 179. 96
449, 422. 34			27. 10	449, 449. 44
832. 01	234, 337. 51			65, 767, 110. 96
1, 103, 526. 43	234, 430. 17	68. 01	33, 520. 02	69, 025, 740. 36
	403. 67			577. 35
4. 72	118, 193. 93	157. 24	. 13	183, 817. 67
35, 802, 612. 18	194, 295, 471. 02			337, 225, 185. 26
8, 693. 29	94, 327. 19	8, 265. 90	3, 453. 68	189, 901. 37
6, 318. 90				6, 318. 90
36, 921, 155. 52	194, 742, 825. 98	8, 491. 15	36, 973. 83	406, 631, 540. 91
631. 68	52. 06			3, 425. 77
4, 054. 17	3, 643. 95	11. 33		26, 928. 03
4, 685. 85	3, 696. 01	11. 33		30, 353. 80
36, 925, 841. 37	194, 746, 521. 99	8, 502. 48	36, 973. 83	406, 661, 894. 71
666, 839. 43				3, 640, 945. 19
				224. 00
47, 515. 65	1, 278, 112. 10			1, 325, 627. 75
		304. 76		304. 76
714, 355. 08	1, 278, 112. 10	304. 76		4, 967, 101. 70
				725, 249. 79
37, 640, 196. 45	196, 024, 634. 09	8, 807. 24	36, 973. 83	412, 354, 246. 20
Value	*Value*	*Value*	*Value*	*Value*
$16, 945, 593. 02	$86, 960, 097. 05	$3, 698. 32	$16, 179. 81	$202, 740, 641. 60
20, 882. 08	639, 190. 31	138. 08		660, 210. 47
921, 844. 67				5, 033, 584. 41
61, 434. 37	1, 652, 508. 57	232. 57		1, 714, 175. 51
47, 742, 501. 97	251, 793, 482. 99	10, 993. 11	47, 804. 54	525, 785, 076. 01

Deposits of gold at United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873–80	$296,386,251	$36,680,347	$31,740,610	$58,390,402	$6,695,117	$429,892,727
1881–90	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891–1900	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901–10	1,027,923,621	24,424,086	292,690,021	151,141,502	50,674,530	1,546,853,770
1911–20	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921	72,714,480	1,887,929	509,493,374	76,813,705	12,798,620	673,708,108
1922	69,746,328	2,491,089	346,479,206	123,967,764	14,300,128	556,984,515
1923	74,102,007	2,340,594	102,071,404	48,803,348	12,834,532	330,151,885
1924	81,777,074	3,008,442	276,706,141	116,698,431	13,242,795	491,432,883
1925	78,677,663	1,812,398	83,062,092	34,418,655	13,194,277	211,165,085
1926	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930	87,025,852	1,665,345	76,583,557	139,014,343	12,983,615	317,272,712
1931	78,512,423	3,358,730	68,290,592	49,326,914	14,661,922	214,150,581
1932	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 [2]	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935	588,514,140	[3] 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936	339,184,170	[3] 1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937	199,478,002	[3] 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938	209,045,356	[3] 3,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
Total	6,313,076,917	2,868,496,621	8,581,871,065	2,011,683,273	502,472,090	20,277,599,966

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Gold values for fiscal year 1934 and thereafter are calculated on the basis of $35 per fine ounce: prior thereto on the basis of $20.67+ per fine ounce.
[3] Includes coin converted into bullion.

Deposits of silver at the United States mints and assay offices since 1873

[On quantity basis; see p. 48]

Fiscal year ended June 30 [1]—	Character of silver deposited							
	Domestic bullion, including domestic refinery product from foreign ores, etc.	Domestic coin		Foreign bullion [2]	Foreign coin		Surplus bullion, grains, jewelers' bars, old plate, etc.	Total
		United States	Hawaiian		Philippines and Danish West Indies, for recoinage	Other		
	Fine ounces	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*	*Fine ounces*
1873–80	134,328,580	936,884		9,650,739		2,432,822	1,485,882	148,834,907
1881–90	262,693,183	9,520,744		13,592,062		6,862,935	3,678,702	296,347,626
1891–1900	207,582,522	35,320,524		10,741,204		3,586,744	5,206,736	262,437,730
1901–10	77,154,402	13,920,767	618,016	19,003,742	32,594,959	7,606,744	6,060,434	156,959,064
1911–20	75,026,914	18,198,526	708	19,881,277	[3] 4,288,901	17,880,262	7,687,482	142,964,070
1921–30	218,245,969	20,522,169		22,242,803		6,865,352	8,625,420	276,501,713
1931	1,566,216	3,615,196		1,333,817		78,174	583,107	7,176,510
1932	594,613	4,937,134		989,943		365,720	679,242	7,566,652
1933	567,579	5,580,855		627,680		5,594	728,225	7,509,933
1934	10,909,547	5,026,105		21,488,552		17,468	586,358	38,028,030
1935	[4] 140,540,635	5,840,287		294,409,533	[5] 42,324	165,433	2,678,599	443,676,811
1936	[4] 49,146,962	4,765,179		558,830,375	[3] 1,241	1,000,917	630,566	614,375,240
1937	[4] 63,251,692	3,997,293		163,237,051		867	249,816	230,736,719
1938	69,031,701	3,644,595		337,409,003		577	217,188	410,303,064
Total	1,310,640,515	135,826,258	618,724	1,473,437,781	36,927,425	46,869,609	39,097,757	3,043,418,069

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.
[3] Philippine.
[4] Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver).
[5] Danish West Indies.

Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1938

[On quantity basis; see p. 48]

Denomination	From Treasury Stock	Purchased	Total
Gold:	*Face amount*	*Face amount*	*Face amount*
Double eagles	$419,020.00	$1,008,860.00	$1,427,880.00
Eagles	195,880.00	1,330.00	197,210.00
Half eagles	157,810.00	1,470.00	159,280.00
Quarter eagles	33,127.50	622.50	33,750.00
3-dollar pieces	174.00	33.00	207.00
1-dollar pieces	478.00	239.00	717.00
Total gold, face amount	806 489.50	1,012,554.50	1,819,044.00
Total value of gold content at $20.67+ per ounce	803,849.57	1,011,933.21	1,815,782.78
Silver:			
Trade dollars		31.00	31.00
Standard dollars		607.00	607.00
Half dollars	2,147,216.00	1,508.50	2,148,724.50
Quarter dollars	2,307,884.75	1,545.00	2,309,429.75
20-cent pieces	7.40		7.40
Dimes	1,053,977.00	1,631.10	1,055,608.10
Half dimes	198.25	1.25	199.50
3-cent pieces	79.23	.09	79.32
Total silver, face amount	5,509,362.63	5,323.94	5,514,686.57
Nickel:			
5-cent pieces	448,801.50	176.15	448,977.65
3-cent pieces	44.22		44.22
1-cent pieces	32.36		32.36
Total nickel, face amount	448,878.08	176.15	449,054.23
Bronze:			
2-cent pieces	44.76		44.76
1-cent pieces	77,427.42	27.05	77,454.47
Total bronze, face amount	77,472.18	27.05	77,499.23
Copper:			
1-cent pieces	82.74		82.74
½-cent pieces	1.04		1.04
Total copper, face amount	83.78		83.78
Total minor, face amount	526,434.04	203.20	526,637.24
Total face amount	6,842,286.17	1,018,081.64	7,860,367.81
SUMMARY			
Metal obtained by melting above:	*Weights*	*Weights*	*Weights*
Gold, fine ounces	38,886.223	48,952.269	87,838.492
Silver, do	3,640,945.19	3,649.77	3,644,594.96
Nickel, gross ounces	1,369,052.91	554.88	1,369,607.79
Bronze, do	756,270.01	260.16	756,530.17
Copper, do	2,683.40		2,683.40
Monetary value of metal obtained:	*Value*	*Value*	*Value*
Gold [1]	$1,361,017.81	$1,713,329.43	$3,074,347.24
Silver	5,033,274.73	5,045.47	5,038,320.20
Nickel	425,736.44	172.53	425,908.97
Bronze	75,626.97	26.02	75,652.99
Copper	77.61		77.61
Total	6,895,733.56	1,718,573.45	8,614,307.01
Loss by recoinage:			
Silver	476,087.90	278.47	476,366.37
Nickel	23,141.64	3.62	23,145.26
Bronze	1,845.21	1.03	1,846.24
Copper	6.17		6.17
Total	501,080.92	283.12	501,364.04

[1] At $35 per fine ounce.

Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883

Fiscal year: [1]	Amount	Fiscal year—Continued.	Amount
1883–90	$67,837	1929	$852
1891–1900	106,188	1930	1,329
1901–10	14,939	1931	1,193
1911–20	13,986	1932	442
1921	948	1933	513
1922	2,447	1934	504
1923	2,635	1935	649
1924	1,918	1936	638
1925	1,773	1937	339
1926	2,594	1938	607
1927	3,638		
1928	1,394	Total	227,363

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890

Fiscal year [1]	Face amount	Face amount of new coin producible	Loss	Fiscal year [1]	Face amount	Face amount of new coin producible	Loss
1891–1900	$54,973,368	$52,562,283	$2,411,085	1930	$4,347,695	$3,944,682	$403,013
1901–10	20,479,140	19,225,132	1,254,008	1931	5,487,496	4,997,679	489,817
1911–20	[2] 26,181,212	25,525,323	655,889	1932	7,482,437	6,825,156	657,281
1921	[2] 746,284	702,116	44,168	1933	8,467,446	7,715,023	752,423
1922	2,571,425	2,398,058	173,367	1934	7,563,736	6,948,272	615,464
1923	3,508,345	3,272,750	235,595	1935	8,828,214	8,074,032	754,182
1924	2,224,110	2,063,050	161,060	1936	7,200,195	6,587,520	612,675
1925	2,650,726	2,438,878	211,848	1937	6,026,887	5,526,508	500,379
1926	2,746,730	2,527,848	218,882	1938	5,514,687	5,038,320	476,367
1927	3,936,868	3,637,021	299,847				
1928	4,224,510	3,896,122	328,388	Total	188,964,531	177,395,273	11,569,258
1929	3,803,020	3,489,500	313,520				

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, $11,111,168.

Deposits of foreign gold bullion and coin during the fiscal year 1938

[On quantity basis; see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total monetary value	Total fine ounces
North America:					
Canada	$46,060	$55,932,240		$55,978,300	1,599,380
Mexico	2,396,590	33,787,635	$560	36,184,785	1,033,851
Cuba	137,305		76,685	213,990	6,114
Dominican Republic	304,570			304,570	8,702
British West Indies	65,450			65,450	1,870
Other North American Countries	3,570			3,570	102
Central America	1,449,560	992,250	280	2,442,090	69,774
South America:					
Bolivia	143,150			143,150	4,090
Chile	973,980		1,213,135	2,187,115	62,489
Colombia	11,692,275			11,692,275	334,065
Ecuador	977,025			977,025	27,915
Peru	1,304,345	397,845	180,740	1,882,930	53,798
Venezuela	440,195			440,195	12,577
Europe:					
Belgium	3,836,980	4,208,925		8,045,905	229,883
France	86,569,735	38,292,450	97,930	124,960,115	3,570,289
Germany	305,935	670,460	420	976,815	27,909
Great Britain	54,127,640	238,801,430	1,510,915	294,439,985	8,412,571
Netherlands	2,045,015	2,928,030		4,973,045	142,087
Switzerland		67,480	175	67,655	1,933
Other European countries			35	35	1
Europe and Asia: Union of Socialist Soviet Republics		29,110,235	35	29,110,270	831,722
Asia:					
China	998,935	561,505		1,560,440	44,584
India	35,601,965	1,170,785		36,772,750	1,050,650
Japan	94,740,800	166,268,620		261,009,420	7,457,412
Oceania:					
Australia	3,431,750	25,904,655		29,336,405	838,183
New Zealand	23,520			23,520	672
Unallocated	17,430		14,770	32,200	920
Total value	301,633,780	599,094,545	3,095,680	903,824,005	
Total ounces	8,618,108	17,116,987	88,448		25,823,543

Deposits of foreign silver bullion and coin during the fiscal year 1938 [1]

[On quantity basis; see p. 48]

Country	Fine ounces	Subsidiary coining value at $1.38— per fine ounce
Crude bullion:		
North America:		
Canada	3	$4
Mexico	31,413	43,425
Cuba	595	822
Dominican Republic	733	1,013
British West Indies	133	184
Other North American countries	25	35
Central America:		
Costa Rica	13,224	18,281
Salvador	7,553	10,441
Other Central American countries	3,907	5,401
South America:		
Bolivia	514	711
Chile	3,002	4,150
Colombia	4,203	5,810
Ecuador	4,968	6,868
Peru	22,737	31,432
Venezuela	779	1,077
Crude bullion—Continued.		
Asia:		
China	533	737
India	34,773	48,070
Japan	16,085	22,236
Oceania:		
Australia	38,544	53,284
New Zealand	23	32
Unallocated	70	97
Coin:		
Chile	404	558
Mixed foreign	174	241
Total fine ounces	184,395	----------
Total subsidiary coinage value	---------	254,909

[1] Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 337,225,185 fine ounces for the fiscal year 1938.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 725,250 fine ounces not included in the above table and consisted of: Belgian refined, 51,235 fine ounces; French refined, 68,785 fine ounces; German refined, 15,250 fine ounces; Great Britain refined, 242,083 fine ounces; Japanese refined, 62,423 fine ounces; Mexican refined, 152,249 fine ounces; miscellaneous foreign refined, 133,225 fine ounces.

Summary of exports and imports of gold and silver, fiscal year ended June 30, 1938

[Information supplied by the Bureau of Foreign and Domestic Commerce]

Description	Gold		Silver	
	Exports	Imports	Exports	Imports
Grand total	$51,621,663	$850,170,552	$3,519,822	$168,883,303
In ore and base bullion	1,536,927	69,131,740	1,101,204	23,046,386
Refined bullion	50,085,623	776,765,722	858,996	63,277,167
Coin:				
United States		405	1,582	322,889
Foreign	13	4,272,685	1,558,040	82,236,861

Imports and exports of United States gold coin, by fiscal years, since 1870 [1]

[From United States import and export statistics]

Fiscal year ended June 30 [2]—	Imports	Exports
1870–77		$281,207,579
1878–80	$29,188,201	12,235,535
1881–90	43,747,793	71,195,757
1891–1900	190,825,938	499,724,320
1901–10	148,038,281	329,838,094
1911–20	305,377,828	1,123,309,631
1921	29,537,408	107,572,881
1922	19,184,697	17,410,199
1923	27,745,568	29,177,479
1924	26,058,570	6,874,930
1925	14,302,999	122,213,657
1926	53,171,273	99,785,784
1927	73,379,780	78,880,733
1928	33,836,300	252,575,372
1929	$76,599,592	$31,534,493
1930	94,996,631	2,732,549
1931	253,371,606	39,629,056
1932	196,539,282	163,863,560
1933	15,174,963	13,831,425
1934	5,551,429	4,556,500
1935	6,824,149	----------
1936	184,123	10
1937	1,605	----------
1938	405	----------
Total	1,643,638,421	3,288,149,544
Net exports	----------	1,644,511,123

[1] After Jan. 31, 1934, data are calculated on the basis of $35 per fine ounce for gold content of coin; prior to that date calculated at $20.67+ per fine ounce of gold.

[2] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

Gold imports and exports of the United States, with net movement, by calendar years, since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$170,100,255	$17,992,553	$188,092,808	$240,427,807		$52,334,999
1881–90	214,074,949	45,309,525	259,384,474	277,932,720		18,548,246
1891–1900	589,580,502	60,887,559	650,468,061	605,177,467	$45,290,594	
1901–10	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911–20	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934			52,758,664	1,186,670,510		1,133,911,846
1935			1,960,319	1,740,979,115		1,739,018,796
1936			27,533,521	1,144,117,412		1,116,583,891
1937			46,020,018	1,621,523,270		1,575,503,252
Total			6,763,797,626	14,243,240,713	1,191,187,150	8,670,630,237
Net imports						7,479,443,087

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Silver imports and exports of the United States, with net movement, by calendar years since 1873

[From United States import and export statistics]

Calendar year [1]	Exports			Imports	Excess of—	
	Domestic [2]	Foreign [2]	Total		Exports over imports	Imports over exports
1873–80	$154,961,041	$44,940,117	$199,901,158	$92,487,371	$107,413,787	
1881–90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	
1891–1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	
1901–10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	
1911–20	957,310,982	103,503,646	1,065,814,628	522,908,141	542,906,487	
1921	24,502,947	27,072,452	51,575,399	63,242,671		$11,667,272
1922	25,457,915	37,349,371	62,807,286	70,806,653		7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,530		1,984,741
1924	91,160,389	18,730,644	109,891,033	73,944,902	35,946,131	
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	
1931	21,719,225	4,766,028	26,485,253	28,664,139		2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943		5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746		41,183,773
1934			16,551,336	102,725,135		86,173,799
1935			18,801,291	354,531,001		335,729,710
1936			2,965,493	182,816,199		179,850,706
1937			12,042,339	91,876,984		79,834,645
Total			3,488,808,235	2,882,400,364	1,358,810,819	752,402,948
Net exports					606,407,871	

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] Segregation not made in 1934 and thereafter.

Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873

Fiscal year ended June 30 [1]—	Gold [2]		Silver		
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined [3]	Subsidiary coined
1873–80	17,001,238	$351,446,781	114,151,137	$100,674,788	$49,466,089
1881–90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891–1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901–10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911–20	13,457,436	278,189,899	84,587,998		116,935,193
1921			24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138		7,488,700
1930	64,339	1,330,000	6,638,774		9,177,500
1931	221,074	4,570,000	575,300		795,300
1932	5,370,350	111,015,000	580,870		803,000
1933	1,279,519	26,450,000	837,813		1,158,200
1934			2,269,173		3,136,925
1935			23,364,568	5,635,557	26,273,810
1936			20,031,262	1,439,000	26,152,805
1937			23,844,080		32,962,267
1938			14,362,568		19,854,941
Total	181,073,828	3,743,128,177	1,057,729,008	884,572,989	515,645,516

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.
[2] The coinage of domestic gold coin was discontinued in 1933.
[3] Both standard and trade dollars. The silver dollar coinage of 1921–28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined

GOLD COINAGE [1]

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1937	
		Grains	*Thousandths*	*Pieces*	*Face amount*
50 dollars commemorative, Panama Pacific International Exposition:					
Octagonal	Jan. 16, 1915	1,290	900	1,509	$75,450.00
Round	do	1,290	900	1,510	75,500.00
Double eagle ($20)	Mar. 3, 1849	516	900	174,105,606	3,482,112,120.00
Do	Feb. 12, 1873	516	900		
Eagle ($10)	Apr. 2, 1792	270	916⅔	57,683,485	576,834,850.00
Do	June 28, 1834	258	899.225		
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle ($5)	Apr. 2, 1792	135	916⅔	78,911,869	394,559,345.00
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900		
Do	Feb. 12, 1873	129	900		
Quarter eagle ($2.50) [2]	Apr. 2, 1792	67.5	916⅔	20,216,590	50,541,475.00
Do.[2]	June 28, 1834	64.5	899.225		
Do.[2]	Jan. 18, 1837	64.5	900		
Do.[2]	Feb. 12, 1873	64.5	900		
Quarter eagle ($2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars [3]	Feb. 21, 1853 / Feb. 12, 1873	77.4	900	539,792	1,619,376.00
1 dollar [3]	Mar. 3, 1849 / Feb. 12, 1873	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

[1] Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:
"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * *. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."
[2] Discontinued by act of Apr. 11, 1930.
[3] Discontinued by act of Sept. 26, 1890.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1937	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Dollar [1]	Apr. 2, 1792	416	892.4		
Do [1]	Jan. 18, 1837	412½	900		
Do	Feb. 28, 1878	412½	900	855, 611, 127	[2] $855, 611, 127.00
Do	July 14, 1890	412½	900		
Do	Mar. 3, 1891	412½	900		
Do	Apr. 23, 1918	412½	900		
Trade dollar [3 4]	Feb. 12, 1873	420	900	35, 965, 924	35, 965, 924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	900	50, 026	50, 026.00
Half dollar	Apr. 2, 1792	208	892.4		
Do	Jan. 18, 1837	206¼	900	517, 661, 741	258, 830, 870.50
Do	Feb. 21, 1853	192	900		
Do	Feb. 12, 1873	[5] 192.9	900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	900	5, 002, 105	2, 501, 052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	900	60, 030	30, 015.00
Illinois Centennial	June 1, 1918	192.9	900	100, 058	50, 029.00
Maine Centennial	May 10, 1920	192.9	900	50, 028	25, 014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	900	300, 165	150, 082.50
Alabama Centennial	May 10, 1920	192.9	900	70, 044	35, 022.00
Missouri Centennial	Mar. 4, 1921	192.9	900	50, 028	25, 014.00
Grant	Feb. 2, 1922	192.9	900	100, 061	50, 030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	900	274, 077	137, 038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	900	142, 080	71, 040.00
Stone Mountain	Mar. 17, 1924	192.9	900	2, 314, 709	1, 157, 354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	900	162, 099	81, 049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	900	150, 200	75, 100.00
Fort Vancouver	do	192.9	900	50, 028	25, 014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	900	1, 000, 528	500, 264.00
Battle of Bennington	Feb. 24, 1925	192.9	900	40, 034	20, 017.00
Oregon Trail	May 17, 1926	192.9	900	237, 389	118, 694.50
Hawaiian Discovery	Mar. 7, 1928	192.9	900	10, 008	5, 004.00
Texas Centennial	June 15, 1933	192.9	900	289, 177	144, 588.50
Daniel Boone Bicentennial	May 26, 1934	192.9	900	93, 587	46, 793.50
Maryland Tercentennial	May 9, 1934	192.9	900	25, 015	12, 507.50
Arkansas Centennial	May 14, 1934	192.9	900	95, 836	47, 918.00
Connecticut Tercentennial	June 21, 1934	192.9	900	25, 018	12, 509.00
City of Hudson, N. Y.	May 2, 1935	192.9	900	10, 008	5, 004.00
Providence, R. I., Tercentennial	do	192.9	900	50, 034	25, 017.00
California-Pacific Exposition	May 3, 1935	192.9	900	430, 224	215, 112.00
Old Spanish Trail	June 5, 1935	192.9	900	10, 008	5, 004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	900	25, 023	12, 511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	900	15, 016	7, 508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	900	100, 053	50, 026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	900	50, 030	25, 015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	900	25, 015	12, 507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	900	25, 015	12, 507.50
Wisconsin Centennial	do	192.9	900	25, 015	12, 507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	900	25, 015	12, 507.50

[1] Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.

[2] See following:

Silver-dollar coinage:

Act Apr. 2, 1792:		
From 1792 to 1805	$1, 439, 517	
During 1836	1, 000	
		$1, 440, 517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873		6, 590, 721
Act Feb. 28, 1878 (Bland-Allison Act)		378, 166, 793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893		
Act Nov. 1, 1893, to June 12, 1898	$36, 087, 285	
Act June 13, 1898, war revenue bill	42, 139, 872	
	108, 800, 188	
		187, 027, 345
Act Mar. 3, 1887 and 1891, trade-dollar conversion		5, 078, 472
Act Apr. 23, 1918, Pittman Act replacement:		
Old design, since Feb. 21, 1921	$86, 730, 000	
Peace dollar, since Dec. 21, 1921	183, 502, 722	
		270, 232, 722
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933		7, 021, 528
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934		53, 029
Total		855, 611, 127

[3] Coinage limited to export demand by joint resolution July 22, 1876. Redeemed $7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and $2,889,011 subsidiary silver coin.

[4] Discontinued by act of Mar. 3, 1887.

[5] 12½ grams, or 192.9 grains.

Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued

SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1937	
		Grains	*Thousandths*	*Pieces*	*Face amount*
Half dollar, commemorative—Con.					
Lynchburg, Va., Sesquicentennial	May 28, 1936	192.9	900	20,013	$10,006.50
Albany, N. Y., two hundred and fiftieth anniversary	June 16, 1936	192.9	900	25,013	12,506.50
Elgin, Ill., Centennial	do	192.9	900	25,015	12,507.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	50,028	25,014.00
Roanoke Island, N. C., three-hundred and fiftieth anniversary	June 24, 1936	192.9	900	50,030	25,015.00
San Francisco-Oakland Bay Bridge	June 26, 1936	192.9	900	100,055	50,027.50
York County, Maine Tercentennial	do	192.9	900	25,015	12,507.50
Battle of Antietam, seventy-fifth anniversary	June 24, 1937	192.9	900	50,028	25,014.00
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 28, 1937	192.9	900	25,013	12,506.50
Quarter dollar	Apr. 2, 1792	104	892.4	817,741,372	204,435,343.00
Do	Jan. 18, 1837	103⅛	900		
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	[6] 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents [7]	Mar. 3, 1875	[8] 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4	1,706,590,683	170,659,068.30
Do	Jan. 18, 1837	41¼	900		
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	[9] 38.58	900		
Half dime [10]	Apr. 2, 1792	20.8	892.4	97,604,388	4,880,219.40
Do.[10]	Jan. 18, 1837	20⅝	900		
Do.[10]	Feb. 21, 1853	19.2	900	42,736,240	1,282,087.20
3 cents [10]	Mar. 3, 1851	12⅜	750		
Do.[10]	Mar. 3, 1853	11.52	900		
Total silver				4,087,159,494	1,537,897,156.15

[6] 6¼ grams, or 96.45 grains.
[7] Discontinued by act of May 2, 1878.
[8] 5 grams, or 77.16 grains.
[9] 2½ grams, or 38.58 grains.
[10] Discontinued by act of Feb. 12, 1873.

MINOR COINAGE

Denomination	Authorizing act	Standary weight	Standard composition	Total coined to Dec. 31, 1936	
		Grains	*Thousandths*	*Pieces*	*Face amount*
5 cents (nickel)	May 16, 1866	77.16	(3)	1,936,021,954	$96,801,097.70
Do	Feb. 12, 1873	30	(3)	31,378,316	941,349.48
3 cents (nickel) [1]	Mar. 3, 1865	30	(3)	45,601,000	912,020.00
Do.[1]	Feb. 12, 1873	96	(4)		
2 cents (bronze) [2]	Apr. 22, 1864	264			
Cent (copper)	Apr. 2, 1792	208	(5)	175,850,744	1,758,507.44
Do	Jan. 14, 1793	186			
Do.[6]	Jan. 26, 1796	168		200,772,000	2,007,720.00
Do.[7]	Jan. 18, 1837	72	(3)		
Cent (nickel) [8]	Feb. 21, 1857	48	(4)	7,100,084,572	71,000,845.72
Cent (bronze)	Apr. 22, 1864	48	(4)		
Do	Feb. 12, 1873	132			
Half cent (copper)	Apr. 2, 1792	104	(5)	7,985,222	39,926.11
Do	Jan. 14, 1793	84			
Do.[6]	Jan. 25, 1796	84			
Do.[7]	Jan. 18, 1837			9,497,693,808	173,461,466.45
Total minor				13,936,398,660	6,237,577,100.10
Total coinage					

[1] Discontinued by act of Sept. 26, 1890.
[2] Discontinued by act of Feb. 12, 1873.
[3] Composed of 75 percent copper and 25 percent nickel.
[4] Composed of 95 percent copper and 5 percent tin and zinc.
[5] All copper.
[6] Proclamation of the President in conformity with act of Mar. 3, 1795.
[7] Discontinued by act of Feb. 21, 1857.
[8] Discontinued by act of Apr. 22, 1864.
[9] Composed of 88 percent copper and 12 percent nickel.

Coinage of each mint, by face amount, with grand total pieces,

Denomination	Philadelphia, 1793–1937	San Francisco, 1854–1937	Denver, 1906–1937
Gold:			
50 dollars		$150,950.00	
Double eagles	$1,423,602,540.00	1,762,690,520.00	$262,160,000.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00
3 dollars	1,357,716.00	186,300.00	
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00
Dollars	18,573,821.00	115,266.00	
Total gold	2,041,345,389.50	2,050,753,433.50	350,420,300.00
Silver:			
Dollars	423,758,122.00	183,504,073.00	47,406,100.00
Trade dollars	5,107,524.00	26,647,000.00	
Half dollars	145,503,991.50	56,978,283.00	19,478,429.50
Quarter dollars	141,016,666.50	24,370,534.25	21,393,200.00
20 cents	11,342.00	231,000.00	
Dimes	117,037,368.00	24,820,518.90	19,903,080.00
Half dimes	3,948,791.90	119,100.00	
3 cents	1,260,487.20		
Total silver	837,644,293.10	316,670,509.15	108,180,809.50
Minor:			
5 cents	82,039,782.70	5,932,700.00	8,828,615.00
3 cents	941,349.48		
2 cents	912,020.00		
1 cent	61,962,413.16	5,848,700.00	6,955,960.00
Half cent	39,926.11		
Total minor	145,895,491.45	11,781,400.00	15,784,575.00
Total face amount	3,024,885,174.05	2,379,205,342.65	474,385,684.50
Total pieces	10,681,060,899	1,508,511,809	1,268,526,479

since organization to close of business Dec. 31, 1937

New Orleans, 1838–61, 1879–1909	Carson City, 1870–93	Charlotte, 1838–61	Dahlonega, 1838–61	Total, face amount	Total pieces
				$150,950.00	3,019
$16,375,500.00	$17,283,560.00			3,482,112,120.00	174,105,606
23,610,890.00	2,997,780.00			576,834,850 00	57,683,485
4,618,625.00	3,548,085.00	$4,405,135.00	$5,536,055.00	394,559,345.00	78,911,869
72,000.00			3,360.00	1,619,376.00	539,792
3,023,157.50		544,915.00	494,625.00	51,067,082.50	20,426,833
1,004,000.00		109,138.00	72,529.00	19,874,754.00	19,874,754
48,704,172.50	23,829,425.00	5,059,188.00	6,106,569.00	4,526,218,477.50	351,545,358
187,111,529.00	13,881,329.00			855,661,153.00	855,661,153
	4,211,400.00			35,965,924.00	35,965,924
40,117,338.00	2,654,313.50			264,732,355.50	529,464,711
15,085,750.00	2,579,198.00			204,445,348.75	817,781,395
	28,658.00			271,000.00	1,355,000
6,807,990.60	2,090,110.80			170,659,068.30	1,706,590,683
812,327.50				4,880,219.40	97,604,388
21,600.00				1,282,087.20	42,736,240
249,956,535.10	25,445,009.30			1,537,897,156.15	4,087,159,494
				96,801,097.70	1,936,021,954
				941,349.48	31,378,316
				912,020.00	45,601,000
				74,767,073.16	7,476,707,316
				39,926.11	7,985,222
				173,461,466.45	9,497,693,808
298,660,707.60	49,274,434.30	5,059,188.00	6,106,569.00	6,237,577,100.10	
419,076,513	56,636,119	1,208,131	1,378,710		13,936,398,660

Coinage of each mint during

BY NUMBER

Mint	1928	1929	1930	1931
Philadelphia: Gold	9,232,000	2,973,750		2,938,250
Silver	26,236,685	37,110,000	12,402,000	3,150,000
Minor	157,527,000	221,708,000	180,264,000	19,396,000
Total	192,995,685	261,791,750	192,666,000	25,484,250
San Francisco: Gold			170,000	
Silver	13,616,000	8,396,000	3,399,000	1,800,000
Minor	24,202,000	57,902,000	29,721,000	2,066,000
Total	37,818,000	66,298,000	33,290,000	3,866,000
Denver: Gold				106,500
Silver	5,788,600	7,393,200		1,260,000
Minor	37,606,000	50,100,000	40,100,000	4,480,000
Total	43,394,600	57,493,200	40,100,000	5,846,500
All mints: Grand total pieces	274,208,285	385,582,950	266,056,000	35,196,750

BY FACE AMOUNT

Mint and denomination	1928	1929	1930	1931
PHILADELPHIA				
Gold: Double eagles	$176,320,000	$35,595,000		$58,765,000
Eagles				
Half eagles		3,310,000		
Quarter eagles	1,040,000	1,330,000		
Total gold	177,360,000	40,235,000		58,765,000
Silver: Dollars	360,649			
Half dollars	30,018			
Quarter dollars	1,584,000	2,785,000	$1,408,000	
Dimes	1,948,000	2,597,000	677,000	315,000
Total silver	3,922,667	5,382,000	2,085,000	315,000
Minor: 5 cents	1,170,550	1,822,300	1,142,450	
1 cent	1,341,160	1,852,620	1,574,150	193,960
Total minor	2,511,710	3,674,920	2,716,600	193,960
Total face amount	183,794,377	49,291,920	4,801,600	59,273,960
SAN FRANCISCO				
Gold: Double eagles			1,480,000	
Eagles			960,000	
Total gold			2,440,000	
Silver: Dollars	1,632,000			
Half dollars	970,000	951,000		
Quarter dollars	661,000	441,000	389,000	
Dimes	740,000	473,000	184,300	180,000
Total silver	4,003,000	1,865,000	573,300	180,000
Minor: 5 cents	346,800	387,700	271,750	60,000
1 cent	172,660	501,480	242,860	8,660
Total minor	519,460	889,180	514,610	68,660
Total face amount	4,522,460	2,754,180	3,527,910	248,660
DENVER				
Gold: Double eagles				2,130,000
Silver: Dollars				
Half dollars				
Quarter dollars	406,900	500,600		
Dimes	416,100	339,500		
Total silver	823,000	503,400		126,000
Minor: 5 cents	321,800	1,343,500		126,000
1 cent	311,700	418,500		
Total minor	633,500	417,300	401,000	44,800
Total face amount	1,456,500	835,800	401,000	44,800
ALL MINTS		2,179,300	401,000	2,300,800
Grand total face amount	189,773,337	54,225,400	8,730,510	61,823,420

the past 10 calendar years

OF PIECES

1932	1933	1934	1935	1936	1937	Total
						21, 466, 750
5, 564, 750	758, 000					478, 764, 039
5, 404, 000		64, 150, 244	102, 140, 072	141, 772, 083	86, 398, 955	1, 962, 566, 081
9, 062, 000	14, 360, 000	239, 293, 003	303, 652, 000	428, 638, 989	388, 665, 089	
20, 030, 750	15, 118, 000	303, 443, 247	405, 792, 072	570, 411, 072	475, 064, 044	2, 462, 796, 870
						170, 000
						92, 239, 285
408, 000	1, 786, 000	4, 663, 000	27, 590, 655	17, 080, 111	13, 500, 519	247, 088, 000
			49, 002, 000	44, 060, 000	40, 135, 000	
408, 000	1, 786, 000	4, 663, 000	76, 592, 655	61, 140, 111	53, 635, 519	339, 497, 285
						106, 500
						97, 440, 439
436, 800	5, 250	14, 237, 106	19, 283, 320	25, 991, 538	23, 044, 625	377, 694, 000
10, 500, 000	6, 200, 000	35, 926, 000	59, 092, 000	65, 434, 000	68, 256, 000	
10, 936, 800	6, 205, 250	50, 163, 106	78, 375, 320	91, 425, 538	91, 300, 625	475, 240, 939
31, 375, 550	23, 109, 250	358, 269, 353	560, 760, 047	722, 976, 721	620, 000, 188	3, 277, 535, 094

AND DENOMINATION

1932	1933	1934	1935	1936	1937	Total
						$301, 625, 000. 00
$22, 035, 000	$8, 910, 000					47, 755, 000. 00
44, 630, 000	3, 125, 000					3, 310, 000. 00
						2, 370, 000. 00
						355, 060, 000. 00
66, 665, 000	12, 035, 000					2, 890, 706. 00
		$954, 057. 00	$1, 576, 000. 00			19, 655, 008. 00
		3, 602, 067. 50	4, 625, 036. 00	$6, 482, 058. 00	$4, 915, 828. 50	38, 478, 357. 75
1, 351, 000		7, 978, 013. 00	8, 121, 000. 00	10, 325, 959. 25	4, 925, 385. 50	28, 264, 988. 60
		2, 408, 000. 00	5, 883, 000. 00	8, 750, 413. 00	5, 686, 575. 60	
1, 351, 000		14, 942, 137. 50	20, 205, 036. 00	25, 558, 430. 25	15, 527, 789. 60	89, 289, 060. 35
		1, 010, 650. 15	2, 913, 200. 00	5, 950, 071. 00	3, 974, 288. 45	17, 983, 509. 60
		2, 190, 800. 00	2, 453, 880. 00	3, 096, 375. 69	3, 091, 793. 20	16, 028, 958. 89
90, 620	143, 600	3, 201, 450. 15	5, 367, 080. 00	9, 046, 446. 69	7, 066, 081. 65	34, 012, 468. 49
90, 620	143, 600	18, 143, 587. 65	25, 572, 116. 00	34, 604, 876. 94	22, 593, 871. 25	478, 361, 528. 84
68, 106, 620	12, 178, 600					1, 480, 000. 00
						960, 000. 00
						2, 440, 000. 00
						4, 607, 000. 00
		1, 011, 000. 00	1, 964, 000. 00			9, 778, 642. 50
	893, 000	1, 826, 000. 00	2, 063, 327. 50	2, 021, 055. 50	1, 054, 259. 50	4, 378, 000. 00
102, 000			1, 415, 000. 00	957, 000. 00	413, 000. 00	5, 056, 300. 00
			1, 584, 000. 00	921, 000. 00	974, 000. 00	
102, 000	893, 000	2, 837, 000. 00	7, 026, 327. 50	3, 899, 055. 50	2, 441, 259. 50	23, 819, 942. 50
			515, 000. 00	746, 500. 00	281, 750. 00	2, 609, 500. 00
			387, 020. 00	291, 300. 00	345, 000. 00	1, 948, 980. 00
			902, 020. 00	1, 037, 800. 00	626, 750. 00	4, 558, 480. 00
102, 000	893, 000	2, 837, 000. 00	7, 928, 347. 50	4, 936, 855. 50	3, 068, 009. 50	30, 818, 422. 50
						2, 130, 000. 00
		1, 569, 500. 00				1, 569, 500. 00
	2, 625	1, 184, 203. 00	1, 513, 160. 00	2, 242, 769. 00	854, 512. 50	6, 297, 869. 50
109, 200		881, 800. 00	1, 445, 000. 00	1, 343, 500. 00	1, 797, 400. 00	6, 323, 300. 00
		677, 200. 00	1, 047, 700. 00	1, 613, 200. 00	1, 414, 600. 00	5, 798, 200. 00
109, 200	2, 625	4, 312, 703. 00	4, 005, 860. 00	5, 199, 469. 00	4, 066, 512. 50	19, 988, 869. 50
		374, 000. 00	604, 600. 00	1, 240, 700. 00	891, 300. 00	3, 850, 900. 00
105, 000	62, 000	284, 460. 00	470, 000. 00	406, 200. 00	504, 300. 00	3, 006, 760. 00
105, 000	62, 000	658, 460. 00	1, 074, 600. 00	1, 646, 900. 00	1, 395, 600. 00	6, 857, 660. 00
214, 200	64, 625	4, 971, 163. 00	5, 080, 460. 00	6, 846, 369. 00	5, 462, 112. 50	28, 976, 529. 50
68, 422, 820	13, 136, 225	25, 951, 750. 65	38, 580, 923. 50	46, 388, 101. 44	31, 123, 993. 25	538, 156, 480. 84

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793-95			$27,950	$43,535			
1796			60,800	16,995		$165.00	
1797			91,770	32,030		4,390.00	
1798			79,740	124,335		1,535.00	
1799			174,830	37,255		1,200.00	
1800			259,650	58,110			
1801			292,540	130,030			
1802			150,900	265,880		6,530.00	
1803			89,790	167,530		1,057.50	
1804			97,950	152,375		8,317.50	
1805				165,915		4,452.50	
1806				320,465		4,040.00	
1807				420,465		17,030.00	
1808				277,890		6,775.00	
1809				169,375			
1810				501,435			
1811				497,905			
1812				290,435			
1813				477,140			
1814				77,270			
1815				3,175			
1816							
1817							
1818				242,940			
1819				258,615			
1820				1,319,030			
1821				173,205		16,120.00	
1822				88,980			
1823				72,425			
1824				86,700		6,500.00	
1825				145,300		11,085.00	
1826				90,345		1,900.00	
1827				124,565		7,000.00	
1828				140,145			
1829				287,210		8,507.50	
1830				631,755		11,350.00	
1831				702,970		11,300.00	
1832				787,435		11,000.00	
1833				968,150		10,400.00	
1834				3,660,845		293,425.00	
1835				1,857,670		328,505.00	
1836				2,765,735		1,369,965.00	
1837				1,035,605		112,700.00	
1838			72,000	1,600,420		137,345.00	
1839			382,480	802,745		191,622.50	
1840			473,380	1,048,530		153,572.50	
1841			656,310	380,945		54,602.50	
1842			1,089,070	655,330		85,007.50	
1843			2,506,240	4,275,425		1,327,132.50	
1844			1,250,610	4,087,715		89,345.00	
1845			736,530	2,743,640		276,277.50	
1846			1,018,750	2,736,155		279,272.50	
1847			14,337,580	5,382,685		482,060.00	
1848			1,813,340	1,863,560		98,612.50	
1849			6,775,180	1,184,645		111,147.50	$936,789
1850		$26,225,220	3,489,510	860,160		895,547.50	511,301
1851		48,043,100	4,393,280	2,651,955		3,867,337.50	3,658,820
1852		44,860,520	2,811,060	3,689,635		3,283,827.50	2,201,145
1853		26,646,520	2,522,530	2,305,095		3,519,615.00	4,384,149
1854		18,052,340	2,305,760	1,513,235	$491,214	1,896,397.50	1,657,016
1855		25,046,820	1,487,010	1,257,090	171,465	600,700.00	824,883
1856		30,437,560	1,429,900	1,806,665	181,530	1,213,117.50	1,788,996
1857		28,797,500	481,060	1,232,970	104,673	796,235.00	801,602
1858		21,873,480	343,210	439,770	6,399	144,082.50	131,472
1859		13,782,840	253,930	361,235	46,914	142,220.00	193,431
1860		22,584,400	278,830	352,365	42,465	164,360.00	51,234
1861		74,989,060	1,287,330	3,332,130	18,216	3,241,295.00	527,499
1862		18,926,120	234,950	69,825	17,355	300,882.50	1,326,865
1863		22,187,200	112,480	97,360	15,117	27,075.00	6,250
1864		19,958,900	60,800	40,540	8,040	7,185.00	5,950
1865		27,874,000	207,050	144,535	3,495	62,302.50	3,725
1866		30,820,500	237,800	253,200	12,090	105,175.00	7,180
1867		23,436,300	121,400	179,600	7,950	78,125.00	5,250
1868		18,722,000	241,550	288,625	14,625	94,062.50	10,525
1869		17,238,100	82,850	163,925	7,575	84,612.50	5,925
1870		22,819,480	164,430	143,550	10,605	51,387.50	9,335
1871		20,456,740	254,650	245,000	3,990	68,375.00	3,930
1872		21,230,600	244,500	275,350	6,090	52,575.00	3,530
1873		55,456,700	173,680	754,605	75	512,562.50	125,125
Total: 1793-1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		$33,917,700	$799,270	$203,530	$125,460	$9,850.00	$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3.108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,760.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	[1] 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	[1] 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	[2] 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	[2] 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,080,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	[3] $150,950	14,391,000	4,100,750	3,760,375		[4] 1,540,292.50	[3] 25,034
1916		15,920,000	1,385,000	1,200,000			[5] 20,026
1917							[5] 10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					[6] 10,016
1922		80,670,000					
1923		45,365,000					
1924		206,010,000				1,445,000.00	
1925		190,935,000				[7] 1,615,565.00	
1926		66,785,000	10,140,000			970,000.00	
1927		124,675,000				1,040,000.00	
1928		176,320,000		3,310,000		1,330,000.00	
1929		35,595,000	960,000				
1930		1,480,000					
1931		60,895,000	44,630,000				
1932		22,035,000	3,125,000				
1933		8,910,000					
1934 [8]							
Total:							
1874–1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
1793–1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754

[1] Louisiana Purchase Exposition coins.
[2] Lewis and Clark Exposition coins.
[3] Panama-Pacific International Exposition coins; the fifties comprise octagonal, $75,450; round, $75,500.
[4] Includes $25,042.50 Panama-Pacific International Exposition coins.
[5] McKinley memorial coins.
[6] Ulysses S. Grant Centennial coins.
[7] Includes $500,565 National Sesquicentennial of Signing Declaration of Independence coins.
[8] Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States * * * All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

Combined silver coinage [1] of the mints of the United States, by denominations and calendar years, since their organization

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793–95		$204,791	$161,572.00			$4,320.80	
1796		72,920		$1,473.50	$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1934			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1943		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,950.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.80
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873	$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00	18.00
Total: 1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40	1,282,087.20

NOTE.—The silver dollar coins executed 1921–28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

Combined silver coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	$4,910,000		$1,406,650.00	$215,975.00	$319,151.70		
1875 [1]	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876 [1]	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877 [1]	13,092,710		7,540,255.00	6,024,927.50	1,735,051.00		
1878 [1]	4,259,900	$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,487.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,943.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,093,972	3,667,831.00	2,233,448.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,440.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,324.20		
1899		15,182,846	4,474,628.50	3,994,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,540,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,309,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,440.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,565,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
Total:							
1874–1937	34,740,924	847,629,915	164,191,102.50	182,157,327.25	161,416,989.10	$4,880,219.40	$1,282,087.20
1793–1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20		
Grand total	35,965,924	855,661,153	264,732,355.50	204,445,348.75	170,659,068.30	4,880,219.40	1,282,087.20

[1] 20-cent silver coinage, 1875, $265,598; 1876, $5,180; 1877, $102; 1878, $120; total, $271,000.

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)

Calendar year	Gold	Silver	Minor	Total
1793–95	$71,485.00	$370,683.80	$11,373.00	$453,541.80
1796	77,950.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,868.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,102,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.60	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,280,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,038.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793–1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued

Calendar year	Gold	Silver	Minor	Total
1874	$35, 254, 630. 00	$6, 851, 776. 70	$342, 475. 00	$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 452. 50	24, 503, 307. 50	210, 800. 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 434. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 940, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29, 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 962, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 945, 542. 00	32, 086, 709. 90	343, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 49	58, 194, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 60	1, 312, 441. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1895	47, 053, 060. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 485. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 649, 427. 34
1901	101, 735, 187. 50	30, 838, 460. 75	2, 120, 122. 08	134, 693, 770. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 970. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233, 402, 428. 00	15, 695, 609. 95	1, 683, 529. 35	250, 781, 567. 30
1905	49, 638, 441. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 045. 00	10, 651, 027. 85	2, 890, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 126. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 929. 83	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 340, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 335. 47	33, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968, 401. 50	4, 114, 097. 50	2, 062, 839. 70	30, 145, 338. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 376. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 089. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 662. 04	31, 445, 691. 04
1919		11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 057, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	10, 570, 000. 00	89, 057, 535. 50	1, 155, 310. 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	45, 365, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	206, 010, 000. 00	21, 627, 040. 00	2, 309, 690. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	78, 540, 565. 00	19, 825, 806. 50	4, 461, 630. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	40, 235, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400. 00
1930	2, 440, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
1931	60, 895, 000. 00	621, 000. 00	307, 420. 00	61, 823, 420. 00
1932	66, 665, 000. 00	1, 562, 200. 00	195, 620. 00	68, 422, 820. 00
1933	12, 035, 000. 00	895, 625. 00	205, 600. 00	13, 136, 225. 00
1934		22, 091, 840. 50	3, 859, 910. 15	25, 951, 750. 65
1935		31, 237, 223. 50	7, 343, 700. 00	38, 580, 923. 50
1936		34, 656, 954. 75	11, 731, 146. 69	46, 388, 101. 44
1937		22, 035, 561. 60	9, 088, 431. 65	31, 123, 993. 25
Total:				
1874–1937	3, 674, 104, 040. 00	1, 390, 407, 257. 85	161, 371, 022. 90	5, 225, 882, 320. 75
1793–1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 526, 218, 477. 50	1, 537, 897, 156. 15	173, 461, 466. 45	6, 237, 577, 100. 10

Income and Expenses of the United States mint

Item	Philadelphia Mint	San Francisco Mint	Denver Mint
INCOME			
Revenues:			
Melting charges	$10,520.26	$35,756.26	$7,236.33
Parting and refining charges		242,191.40	78,566.68
Handling charges on gold receipts	11,963.26	963,681.25	86,726.39
Handling charges on gold sales	284.89	148.32	23.07
Fine and unparted bar charges	96.86	96.19	
Charges on proof coins	5,650.70		
Charges on altered coins	338.00	7.60	
Transportation charges on bullion			
Proceeds of medals sold	3,286.48		
Receipts for special assays of bullion and ores	554.00	46.00	327.50
Value of bullion recovered incident to receipt of deposits	6,204.75	6,738.16	8,046.95
Value of bullion recovered from refining and coining operations (net)	20,639.20	96,326.78	12,664.09
Gain on lightweight and mutilated coin purchased for recoinage	29.18	21.50	30.65
Gain on bullion shipments (net)	6.82		
Proceeds sale old material	145.57	3,442.17	1,156.02
Sale of byproducts		17,049.39	
Fines and penalties (bullion and coin forfeitures)	3,577.70	6,123.16	405.05
Commission on telephone calls	104.02		40.00
Seigniorage on subsidiary silver coinage	8,077,177.27	690,013.78	1,085,421.12
Seigniorage on minor coinage (nickel)	1,761,563.63	1,925.15	663,518.00
Seigniorage on minor coinage (bronze)	2,536,708.05	218,757.91	181,077.35
Unexplained cash balance		10.12	
Total revenue	12,438,850.64	2,282,335.14	2,125,239.20
Appropriation earnings:			
Charges for manufacture of coins for foreign countries	37,777.96	76,140.74	
Charges for manufacture of special medals	12,185.36		
Charges for work and supplies for other institutions	41,732.93		
Total earnings	91,696.25	76,140.74	
Total income	12,530,546.89	2,358,475.88	2,125,239.20
EXPENSES			
Payable from appropriations:			
Transportation of bullion and coin between mints and assay offices	10,036.02	7.63	3.75
Personnel	838,698.38	367,042.47	340,306.97
Other expenses, including supplies, materials, equipment and miscellaneous items	132,230.03	52,563.99	45,312.31
Loss on operative sweeps sold		208.33	2,723.32
Interinstitution items not involving appropriation transfers	[1] 12,592.18	3,570.23	4,939.00
Total payable from appropriations	968,372.25	423,392.65	393,285.35
Payable from revenue:			
Expenses of distributing minor coin	69,068.24	5,982.86	18,732.00
Wastage of operative departments, minor metals	6,538.77	68.38	212.12
Forwarding cost of domestic silver bullion by Seattle Assay Office for account Denver Mint			
Total payable from revenue	75,607.01	6,051.24	18,944.12
Total expenses	1,043,979.26	429,443.89	412,229.47

[1] Deduct.

establishment, for the fiscal year ended June 30, 1938

New York Assay Office	New Orleans Mint	Seattle Assay Office	Fort Knox Bullion Depository	Office of Director of the Mint	Total
$35,353.78	$2,690.00	$5,733.14			$97,289.77
118,226.47					438,984.55
1,327,748.02	2,526.58	58,783.77			2,451,429.27
316.54					772.82
707.06					900.11
					5,650.70
					345.60
		1,195.55			1,195.55
					3,286.48
740.00	420.00	200.50			2,288.00
13,770.28	1,168.55	6,710.01			42,638.70
77,455.13					207,085.20
.99					82.32
	204.59	1,172.27			1,383.68
					4,743.76
					17,049.39
		186.16		$45.00	16,873.87
6,536.80					144.02
					9,852,612.17
					2,427,006.78
					2,936,543.31
					10.12
				45.00	18,508,316.17
1,580,855.07	7,009.72	73,981.40			
					113,918.70
					12,185.36
					41,732.93
					167,836.99
				45.00	18,676,153.16
1,580,855.07	7,009.72	73,981.40			
					17,273.33
	695.97	6,529.96		106,608.43	2,218,312.89
	27,425.76	31,126.42	$58,601.12		
448,503.34				18,981.27	378,222.40
	1,581.76	4,547.97	7,967.47		4,316.87
115,037.60					
1,385.22			52.50		
	5.45				
4,025.00					
568,951.16	29,708.94	42,204.35	66,621.09	125,589.70	2,618,125.49
					93,783.10
					6,819.27
		1,395.95			1,395.95
		1,395.95			101,998.32
568,951.16	29,708.94	43,600.30	66,621.09	125,589.70	2,720,123.81

Appropriations, reimbursements, expenses, and balances, of the mint establishment, fiscal year ended June 30, 1938

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF DIRECTOR OF THE MINT				
Appropriated:				
Regular	$38,360.00	$5,200.00	$35,000.00	$78,560.00
Extra [1]	68,554.73	13,945.27		82,500.00
Total	106,914.73	19,145.27	35,000.00	161,060.00
Expended	106,608.43	18,981.27	[2] 17,273.33	142,863.03
Unexpended balance	306.30	164.00	17,726.67	18,196.97
FIELD SERVICE				
Appropriated:				
Regular				1,275,000.00
Extra [3]				1,054,860.14
Total				2,329,860.14
Reimbursed:				
Philadelphia Mint				91,696.25
San Francisco Mint				76,140.74
Total reimbursed				167,836.99
Available				2,497,697.13
Expended:				
Philadelphia Mint	838,698.38	132,230.03	(10,036.02)	970,928.41
San Francisco Mint	367,042.47	52,772.32	(7.63)	419,814.79
Denver Mint	340,306.97	48,035.63	(3.75)	388,342.60
New York Assay Office	448,503.34	116,422.82		564,926.16
New Orleans Mint	27,425.76	1,581.76	(695.97)	29,007.52
Seattle Assay Office	31,126.42	4,547.97	(6,529.96)	35,674.39
Fort Knox Depository	58,601.12	7,967.47		66,568.59
Total expended	2,111,704.46	363,558.00		2,475,262.46
Unexpended balance				22,434.67
TOTAL ENTIRE SERVICE				
Appropriated:				
Regular				1,353,560.00
Extra				1,137,360.14
Reimbursed				167,836.99
Available				2,658,757.13
Expended				2,618,125.49
Unexpended balance				40,631.64

[1] Expenses, Silver Purchase and Gold Reserve Acts, Bureau of the Mint, Mints and Assay Offices, 1938.
[2] Chargeable as indicated below (in parentheses) to the several offices.
[3] Expenses, Silver Purchase and Gold Reserve Acts, Bureau of the Mint, Mints and Assay Offices, 1938, $1,037,500, plus $17,360.14 Salaries and Expenses, Mints and Assay Offices, 1938-39, obligated portion of total ($110,700) appropriated as available for the 2 fiscal years by Deficiency Act March 5, 1938.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1938

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	149,336.088	$5,226,763.09	228,801,757.05	$246,270,938.92
San Francisco	18,221,644.710	637,757,567.27	384,676,551.73	371,274,421.99
Denver	109,346,248.320	3,827,118,691.69	92,196,741.74	43,431,459.33
ASSAY OFFICES				
New York	84,751,390.834	2,966,298,677.89	972,851,673.66	857,091,882.91
New Orleans	4,916.117	172,062.78	1,635.02	693.83
Seattle	64,063.116	2,242,210.22	4,046.50	1,769.18
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45	----------	----------
Total	370,357,791.633	12,962,522,708.39	1,678,532,405.70	1,518,071,166.16

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$9,000.64	$223,658,826.44	$2,135,711.97	$70,100.00
San Francisco	----------	87,490,951.79	625,000.00	64,500.00
Denver	----------	58,085,840.50	654,565.10	324,800.00
ASSAY OFFICES				
New York	42,328.13	63,089,917.94	----------	3,039,736.00
New Orleans	----------	6,818,377.00	----------	----------
Seattle	----------	----------	----------	----------
BULLION DEPOSITORY				
Fort Knox	----------	----------	----------	----------
Total	51,328.77	439,143,913.67	3,415,277.07	3,499,136.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total
COINAGE MINTS				
Philadelphia	$982,982.81	$185,581.79	$147,485.75	$478,687,391.41
San Francisco	81,940.25	13,881.79	27,390.96	1,097,335,654.05
Denver	62,931.22	34,066.03	46,622.09	3,929,758,975.96
ASSAY OFFICES				
New York	----------	----------	----------	3,889,562,542.87
New Orleans	----------	----------	----------	6,991,133.61
Seattle	----------	----------	----------	2,243,979.40
BULLION DEPOSITORY				
Fort Knox	----------	----------	----------	5,523,706,735.45
Total	1,127,854.28	233,529.61	221,498.80	14,928,286,412.75

[1] Includes unclassified cash: Philadelphia, $2,819.34; San Francisco, $4,351.79; Denver, $455.25; New York, $3,917.94; total, $11,544.32.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1938—Continued

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$476,731,925.40	$440,000.00	$1,515,466.01	----------	$478,687,391.41
San Francisco	1,096,996,790.72	70,000.00	267,356.50	$1,506.83	1,097,335,654.05
Denver	3,929,091,057.11	90,000.00	577,918.42	43	3,929,758,975.96
ASSAY OFFICES					
New York	3,889,560,889.80	----------	----------	1,653.07	3,889,562,542.87
New Orleans	6,991,133.61	----------	----------	----------	6,991,133.61
Seattle	2,243,979.40	----------	----------	----------	2,243,979.40
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45	----------	----------	----------	5,523,706,735.45
Total	14,925,322,511.49	600,000.00	2,360,740.93	3,160.33	14,928,286,412.75

Stock of Domestic Coin in the United States June 30, 1938 [1]

On June 30, 1938, the stock of domestic coin in the United States was $1,077,724,054 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1937	$905,979,111	$150,953,814	$1,056,932,925
Coinage executed during fiscal year 1938	19,854,941	6,755,969	26,610,910
Imports United States coin, fiscal year 1938	322,889	----------	322,889
Total	926,156,941	157,709,783	1,083,866,724
Less:			
Exports United States coin, fiscal year 1938	1,582	----------	1,582
United States coin withdrawn from monetary use, face amount, fiscal year 1938	5,514,656	526,432	6,041,088
United States coin used in industrial arts, and general disappearance, estimated, fiscal year 1938	100,000	----------	100,000
Total	5,616,238	526,432	6,142,670
Estimated stock of coin in the United States June 30, 1938	920,540,703	157,183,351	1,077,724,054

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined to June 30, 1938, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 227,363, and the number of Hawaiian dollars melted to June 30, 1938, was 455,329, a total disposition of 301,697,556, leaving in the United States on June 30, 1938, 547,079,218 standard silver dollars and 373,461,485 dollars in subsidiary silver coin.

Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin [1] (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	$135,000	$18,149	$3.24	$0.44	$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,636,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750.279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,444,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	[2] 7,856,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70

[1] For 1934 and thereafter includes silver bullion revalued to $1.29+ per fine troy ounce and set up a security against silver certificates.

[2] On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of $35 per fine troy ounce. Proclamation of Jan. 31, 1934.

Stock of Domestic Coin in the United States, December 31, 1937[1]

On December 31, 1937, the stock of domestic coin in the United States was $1,075,093,987 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States Dec. 31, 1936	$903,216,544	$147,281,468	$1,050,498,012
Coinage executed, calendar year 1937	22,035,561	9,088,432	31,123,993
Imports, United States coin, calendar year 1937	278,422		278,422
Total	925,530,527	156,369,900	1,081,900,427
Less:			
Exports United States coin, calendar year 1937	9,582		9,582
United States coin withdrawn from monetary use, calendar year 1937, face amount	6,125,212	571,646	6,696,858
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1937	100,000		100,000
Total	6,234,794	571,646	6,806,440
Estimated stock of coin in United States Dec. 31, 1937	919,295,733	155,798,254	1,075,093,987

[1] For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1937, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000, plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 227,075, and the number of Hawaiian dollars melted to Dec. 31, 1937, was 455,329; a total disposition of 301,697,268, leaving in the United States on Dec. 31, 1937, 547,079,506 standard silver dollars and 372,216,227 dollars in subsidiary silver coin.

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1937

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
COINAGE MINTS				
Philadelphia	1,622,219.278	$56,777,674.76	215,900.090.00	$228,351,457.15
San Francisco	14,882,717.463	520,895,111.53	353,358,432.35	346,756,174.25
Denver	108,445,613.926	3,795,596,487.87	78,795,974.54	36,955,450.59
ASSAY OFFICES				
New York	81,458,829.941	2,851,059,064.26	830,077,544.96	755,239,966.39
New Orleans	4,075.072	142,626.61	1,390.34	614.50
Seattle	272,403.727	9,534,129.37	18,416.14	8,161.36
BULLION DEPOSITORY				
Fort Knox	157,820,192.448	5,523,706,735.45		
Total	364,506,051.855	12,757,711,829.85	1,478,151,848.33	1,367,311,824.24

Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1937—Continued

ASSETS—Continued

Institution	Gold coin at bullion value	Silver coin [1]	Minor coin	Paper currency
COINAGE MINTS				
Philadelphia	$8,996.41	$220,092,555.28	$1,165,254.25	$156,400
San Francisco		87,398,451.74	549,700.00	42,100
Denver		58,443,684.69	513,804.00	312,800
ASSAY OFFICES				
New York	1,735,453.13	63,137,407.24		3,261,725
New Orleans		6,863,377.00		
Total	1,744,449.54	435,935,475.95	2,228,758.25	3,773,025

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total
COINAGE MINTS				
Philadelphia	$866,640.62	$113,010.44	$141,316.11	$507,673,305.02
San Francisco	26,705.20	16,735.93	45,987.30	955,730,965.95
Denver	57,788.96	37,923.76	53,335.42	3,891,971,275.29
ASSAY OFFICES				
New York				3,674,433,616.02
New Orleans				7,006,618.11
Seattle				9,542,290.73
BULLION DEPOSITORY				
Fort Knox				5,523,706,735.45
Total	951,134.78	167,670.13	240,638.83	14,570,064,806.57

LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
COINAGE MINTS					
Philadelphia	$506,537,583.35	$440,000	$692,344.94	$3,376.73	$507,673,305.02
San Francisco	955,625,537.52	70,000	35,428.43		955,730,965.95
Denver	3,891,822,110.94	90,000	59,048.14	116.21	3,891,971,275.29
ASSAY OFFICES					
New York	3,674,430,265.46			3,350.56	3,674,433,616.02
New Orleans	7,006,618.11				7,006,618.11
Seattle	9,542,290.73				9,542,290.73
BULLION DEPOSITORY					
Fort Knox	5,523,706,735.45				5,523,706,735.45
Total	14,568,671,141.56	600,000	786,821.51	6,843.50	14,570,064,806.57

[1] Includes unclassified cash: Philadelphia, $2,387.28; San Francisco, $7,092.14; Denver, $530.09; New York, $1,407.24; total, $11,416.75.

Monetary stock of gold in the United States since 1873 [1]

[In thousands of dollars] [2]

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin [3]	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670	----------	----------	3,818	30,000	105,007
1874	60,972	9,540	----------	----------	5,536	39,607	115,655
1875	45,382	8,259	----------	----------	3,711	31,696	89,048
1876	41,912	9,589	----------	----------	3,226	44,533	99,260
1877	76,662	10,962	----------	----------	5,306	39,059	131,989
1878	122,137	6,323	----------	----------	8,192	39,768	176,420
1879	129,920	5,317	----------	----------	21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000	----------	----------	98,105	46,844	302,739
1880	61,481	93,790	----------	----------	92,185	150,086	397,542
1881	84,640	88,726	----------	----------	101,115	210,776	485,257
1882	119,523	51,501	----------	----------	75,326	234,206	480,556
1883	152,608	65,667	----------	----------	73,447	228,297	520,019
1884	171,553	63,163	----------	----------	76,171	215,813	526,700
1885	75,435	72,938	----------	----------	96,742	313,346	558,461
1886	187,197	81,431	----------	----------	97,781	223,200	589,609
1887	182,619	123,145	----------	----------	99,162	245,146	650,072
1888	227,854	97,457	----------	----------	78,224	246,218	649,753
1889	246,402	67,266	----------	----------	84,416	235,435	633,519
1890	226,220	67,646	----------	----------	80,362	274,056	648,284
1891	196,634	83,576	----------	----------	91,890	253,765	625,865
1892	156,662	81,827	----------	----------	100,991	242,622	582,102
1893	73,624	84,632	----------	----------	151,234	281,940	591,430
1894	91,781	47,107	----------	----------	151,117	248,788	538,793
1895	83,187	29,444	----------	----------	147,308	242,645	502,584
1896	121,746	54,648	----------	----------	161,828	251,011	589,233
1897	152,488	45,279	----------	----------	187,609	252,419	637,795
1898	141,070	140,049	----------	----------	263,889	286,892	831,900
1899	257,306	143,078	----------	----------	203,701	293,388	897,473
1900	328,453	153,095	----------	----------	199,350	307,870	988,768
1901	417,343	123,736	----------	----------	190,172	318,389	1,049,640
1902	458,160	159,971	----------	----------	178,147	324,253	1,120,531
1903	478,970	209,437	----------	----------	170,547	332,731	1,191,685
1904	647,262	49,187	----------	----------	195,111	325,262	1,216,822
1905	662,154	101,184	----------	----------	196,681	327,549	1,287,568
1906	737,677	156,543	----------	----------	188,096	376,007	1,458,323
1907	788,468	162,937	----------	----------	203,289	457,995	1,612,689
1908	924,317	111,041	----------	----------	209,186	411,606	1,656,150
1909	934,803	97,347	----------	----------	213,991	392,508	1,638,649
1910	982,586	120,726	----------	----------	227,978	378,745	1,710,035
1911	1,001,413	183,089	----------	----------	235,185	379,941	1,799,628
1912	995,209	258,858	----------	----------	240,452	385,718	1,880,237
1913	987,678	303,585	----------	----------	232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450	----------	118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928	----------	120,396	520,251	2,842,804
1917	679,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,445	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	391,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,990	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,803	286,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,331	743,611	66,544	141	310,543	4,322,599
1934	[4]	8,237,967	0	0	0	0	8,237,967
1935	[4]	10,125,175	0	0	0	0	10,125,175
1936	[4]	11,257,626	0	0	0	0	11,257,626
1937	[4]	12,760,151	0	0	0	0	12,760,151

[1] Previous to 1914 (year Federal Reserve System established) figures are unrevised.
[2] Prior to 1934 gold monetary value was calculated on basis of $20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of $35 per fine troy ounce.
[3] Includes coin in State and private banks as well as coin in tills and the hands of the public.
[4] Coin awaiting melting included with bullion item.

Exports of refined silver bullion from the United States since 1900

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900–10 [1]	$461,306,021	$58,613,159	$34,283,578	$554,202,758
1911	51,143,245	9,370,356	4,019,825	64,533,426
1912	51,388,352	11,413,021	7,959,870	70,761,243
1913	41,299,073	12,696,925	7,813,558	61,809,556
1914	35,421,165	6,142,090	7,626,125	49,189,380
1915	38,564,526	8,361,692	2,971,471	49,897,689
1916	52,210,988	12,019,899	2,742,312	66,973,199
1917	27,090,143	50,023,842	2,656,203	79,770,188
1918	31,322,709	202,503,389	8,601,568	242,427,666
1919	14,440,703	181,671,933	14,066,084	210,178,720
1920	4,902,478	83,438,040	5,970,531	94,311,049
1921	11,843,103	29,916,641	2,942,981	44,702,725
1922	10,682,662	45,097,143	1,001,128	56,780,933
1923	6,315,293	62,066,275	681,762	69,063,330
1924	23,418,769	79,593,505	2,064,232	105,076,506
1925	8,371,476	79,782,973	6,454,557	94,609,006
1926	3,799,262	80,853,036	3,891,161	88,543,459
1927	2,399,847	54,748,487	2,699,776	59,848,110
1928	544,052	80,092,220	4,036,456	84,672,728
1929	83,562	60,150,728	2,554,128	62,788,418
1930	2,053,773	47,320,561	1,521,589	50,895,923
1931	4,653,596	16,434,212	2,669,278	23,757,086
1932	607,091	9,883,473	3,359,330	13,849,894
1933	6,595,946	8,609,401	3,835,626	19,040,973
1934	6,628,829	1,351,145	8,571,362	16,551,336
1935	296,384	----------	18,504,907	18,801,291
1936	13,500	----------	1,227,806	1,241,306
1937	196,755	2,542	753,138	952,435
Total	897,593,303	1,292,156,688	165,480,342	2,355,230,333

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

Exports of silver from London to India, China, and the Straits since 1881

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881–90 [1]	$232,194,271	$26,240,746	$54,866,527	$313,301,544
1891–1900	269,872,576	63,081,893	61,808,988	394,763,457
1901–10	425,855,098	38,176,749	17,907,809	481,939,656
1911	43,131,303	5,208,615	----------	48,339,918
1912	58,181,441	9,329,080	----------	67,510,521
1913	47,793,897	3,674,207	9,295	51,477,399
1914	27,554,123	243,325	1,216	27,798,664
1915	18,454,444	24,332	32,435	18,511,211
1916–18 [2]	----------	----------	----------	----------
1919	1,546,832	2,766,240	----------	4,313,072
1920	18,662,366	24,727,149	----------	43,389,515
1921	30,756,772	16,789,537	----------	47,546,309
1922	34,480,053	16,457,043	----------	50,937,096
1923	42,617,483	10,115,264	----------	52,732,747
1924	21,651,852	1,791,582	138,744	23,582,178
1925	24,391,638	3,945,189	3,261	28,340,088
1926	37,277,181	1,736,732	1,325,776	40,339,689
1927	23,430,762	694,776	10,804	24,136,342
1928	19,756,973	11,262,890	963,718	31,983,581
1929	19,215,677	5,648,167	----------	24,863,844
1930	27,487,140	6,634,738	145,854	34,267,732
1931 [3]	14,272,412	3,955,470	392,919	18,620,801
1932	2,634,319	4,907,127	241,020	7,782,466
1933	2,720,612	380,255	216,461	3,317,328
1934	4,653,756	21,003	170,574	4,845,333
1935	3,725,447	1,550,346	----------	5,275,793
1936	46,764,042	905	38,244	46,803,191
1937	16,999,886	770	270,916	17,271,572

[1] Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.
[2] No information available.
[3] Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.

Gold and silver coin and bullion imported into and exported from British India since 1873–74 (British standard ounces)

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 [1]—	Gold			Silver		
	Imported	Exported	Net imports	Imported	Exported	Net imports
	Ounces	*Ounces*	*Ounces*	*Ounces*	*Ounces*	*Ounces*
1873–74 to 1880–81			2, 628, 688			162, 343, 853
1881–82 to 1886–87			5, 126, 298			158, 666, 897
1887–88 to 1890–91	3, 108, 078	330, 850	2, 777, 228	175, 853, 335	20, 461, 848	155, 391, 487
1891–92 to 1900–1901	9, 508, 730	6, 079, 786	3, 428, 944	490, 099, 704	142, 380, 104	347, 719, 600
1901–02 to 1910–11	29, 247, 312	11, 406, 044	17, 841, 268	895, 652, 016	169, 777, 631	725, 874, 385
1911–12	6, 817, 312	647, 286	6, 224, 026	70, 378, 747	38, 149, 647	32, 229, 100
1912–13	6, 813, 489	1, 251, 418	5, 562, 071	107, 190, 427	16, 112, 785	91, 077, 642
1913–14	4, 593, 163	843, 726	3, 749, 437	79, 834, 999	8, 727, 648	71, 107, 351
1914–15	1, 705, 088	527, 105	1, 177, 983	64, 160, 128	8, 394, 005	55, 766, 123
1915–16	832, 772	1, 093, 919	−261, 147	39, 833, 279	6, 900, 906	32, 932, 373
1916–17	2, 282, 923	17, 523	2, 265, 400	116, 959, 115	24, 765, 309	92, 193, 806
1917–18	4, 903, 243	696, 174	4, 207, 069	88, 814, 458	14, 282, 960	74, 531, 498
1918–19	389, 996	1, 345, 645	−955, 649	241, 747, 804	4, 719, 187	237, 028, 617
1919–20	7, 829, 436	2, 222, 730	5, 606, 706	101, 051, 961	4, 110, 179	96, 941, 782
1920–21	3, 727, 589	2, 907, 032	820, 557	43, 221, 213	20, 981, 767	22, 239, 446
1921–22	1, 798, 936	2, 049, 292	−250, 356	73, 838, 216	9, 703, 900	64, 134, 316
1922–23	5, 877, 753	19, 455	5, 858, 298	96, 500, 149	10, 443, 006	86, 057, 143
1923–24	4, 329, 248	9, 892	4, 319, 356	107, 836, 545	14, 578, 488	93, 258, 057
1924–25	12, 024, 013	58, 792	11, 965, 221	122, 329, 383	19, 975, 224	102, 354, 159
1925–26	6, 201, 515	65, 934	6, 135, 581	108, 346, 651	14, 982, 897	93, 363, 754
1926–27	3, 403, 006	17, 477	3, 385, 529	134, 006, 039	9, 763, 694	124, 242, 345
1927–28	3, 188, 026	6, 267	3, 181, 759	107, 651, 689	14, 829, 876	92, 821, 813
1928–29	3, 788, 585	3, 144	3, 785, 441	103, 680, 619	39, 859, 710	63, 820, 909
1929–30	2, 525, 247	1, 685	2, 523, 562	97, 496, 975	34, 976, 431	62, 520, 544
1930–31	2, 329, 626	86, 973	2, 242, 653	111, 225, 416	30, 689, 481	80, 535, 935
1931–32	450, 050	8, 180, 732	−7, 730, 682	32, 399, 139	43, 540, 420	−11, 141, 281
1932–33	172, 412	8, 526, 241	−8, 353, 829	8, 429, 432	32, 946, 724	−24, 517, 292
1933–34	134, 901	6, 830, 199	−6, 695, 298	4, 872, 386	57, 861, 476	−52, 989, 090
1934–35	79, 992	5, 774, 812	−5, 694, 820	29, 618, 110	68, 262, 004	−38, 643, 894
1935–36	103, 461	4, 122, 723	−4, 019, 262	49, 836, 880	48, 320, 802	1, 516, 078
1936–37	172, 781	3, 182, 817	−3, 010, 036	112, 255, 948	2, 144, 483	110, 111, 465

[1] Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873–74 to 1886–87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 toals, or 285.33 rupees per 100 ounces, was taken as the basis of the value of the annual imports.

Price of silver in London and in New York, 1937–38

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price, at current rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
1937	*Pence*	*Pence*	*Pence*	*Dollars*	*Dollars*	*Dollars*
January	21 5/16	20 1/4	20.7344	4.9075	.45835	.45224
February	20 3/16	19 15/16	20.0833	4.8939	.44277	.45062
March	21 1/8	20 3/16	20.6771	4.8851	.45499	.45442
April	21 1/2	20 3/16	20.7404	4.9163	.45930	.45772
May	20 7/16	20 1/4	20.3463	4.9399	.45280	.45337
June	20 3/8	19 3/4	20.0216	4.9355	.44512	.45130
July	20 3/16	19 13/16	19.9861	4.9672	.44728	.45062
August	20	19 3/16	19.8475	4.9822	.44543	.45062
September	20	19 3/4	19.8894	4.9530	.44382	.45062
October	20 1/16	19 13/16	19.9423	4.9551	.44512	.45062
November	19 15/16	19 9/16	19.7067	4.9961	.44319	.45062
December	19 11/16	18 3/16	18.8350	4.9964	.42428	.45062
1938						
January	20 3/8	19 1/4	19.8950	4.9998	.44807	.45062
February	20 3/8	19 15/16	20.1588	5.0180	.45567	.45062
March	20 9/16	18 3/8	20.0880	4.9845	.45103	.44758
April	19 1/8	18 9/16	18.8804	4.9812	.42338	.43062
May	18 15/16	18 5/8	18.7307	4.9673	.41898	.43062
June	19 1/16	18 11/16	18.9450	4.9580	.42315	.43062
Average, calendar year 1937			20.0675	4.9440	.44687	.45195
Average, fiscal year 1937–38			19.5751	4.9799	.43912	.44537

Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	$1.29375	$1.25500	$1.27195	1906	$0.72375	$0.63125	$0.67379
1875	1.26125	1.21000	1.23883	1907	.71000	.52750	.65978
1876	1.26000	1.03500	1.14950	1908	.58875	.48250	.53496
1877	1.26000	1.16000	1.19408	1909	.54500	.50750	.52163
1878	1.20750	1.08500	1.15429	1910	.57625	.50750	.54245
1879	1.16750	1.06500	1.12088	1911	.57500	.52125	.54002
1880	1.15000	1.11250	1.13931	1912	.65625	.55250	.62006
1881	1.14500	1.11000	1.12823	1913	.65125	.58000	.61241
1882	1.15000	1.09000	1.13855	1914	.60875	.49000	.56331
1883	1.11750	1.09500	1.10874	1915	.58000	.47750	.51062
1884	1.13250	1.08000	1.11161	1916	.79125	.57250	.67151
1885	1.09500	1.02750	1.06428	1917	1.16500	.73125	.84000
1886	1.03500	.92500	.99880	1918	1.01937	.88937	.98445
1887	1.03500	.95000	.97899	1919	1.38250	1.01375	1.12087
1888	.97750	.92000	.94300	1920	1.37875	.60375	1.01940
1889	.97250	.92500	.93634	1921	.73813	.53188	.63096
1890	1.20500	.95750	1.05329	1922	.74188	.62875	.67934
1891	1.07500	.94750	.99033	1923	.69000	.62875	.65239
1892	.95250	.83000	.87552	1924	.72375	.63000	.67111
1893	.85000	.65000	.78219	1925	.73187	.66812	.69406
1894	.70000	.59500	.64043	1926	.68937	.51812	.62428
1895	.69000	.60000	.66268	1927	.60312	.54187	.56680
1896	.70250	.65625	.68195	1928	.63937	.56812	.58488
1897	.66125	.52750	.60774	1929	.57812	.46812	.53306
1898	.62250	.55125	.59064	1930	.47187	.31062	.38466
1899	.64750	.58625	.60507	1931	.37562	.26062	.29013
1900	.65750	.59750	.62065	1932	.31312	.24562	.28204
1901	.64500	.54750	.59703	1933	.45312	.24812	.34997
1902	.56875	.47375	.52815	1934	.56062	.42062	.48283
1903	.62375	.47500	.54208	1935	.81312	.50062	.64582
1904	.62500	.53375	.57843	1936	.50062	.45062	.45399
1905	.66500	.55625	.61008	1937	.47062	.45062	.45195

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	*Pence*	*Pence*	*Dollars*		*Pence*	*Pence*	*Pence*	*Dollars*
1833	59 7/8	58 3/4	59 3/16	1.297	1886	47	42	45 3/8	.99467
1834	60 3/4	59 3/4	59 15/16	1.313	1887	47 1/8	43 1/4	44 11/16	.97946
1835	60	59 1/4	59 11/16	1.308	1888	44 9/16	41 5/8	42 7/8	.93974
1836	60 3/4	59 5/8	60	1.315	1889	44 3/8	41 15/16	42 1/16	.93511
1837	60 3/8	59	59 9/16	1.305	1890	54 5/8	43 5/8	47 3/4	1.04634
1838	60 1/8	59 1/2	59 1/2	1.304	1891	48 3/4	43 1/2	45 1/16	.98800
1839	60 5/8	60	60 3/8	1.323	1892	43 3/4	37 7/8	39 3/4	.87145
1840	60 3/4	60 1/8	60 3/8	1.323	1893	38 3/4	30 1/2	35 9/16	.78030
1841	60 3/8	59 3/4	60 1/16	1.316	1894	31 3/4	27	28 15/16	.63479
1842	60	59 1/4	59 7/16	1.303	1895	31 3/8	27 3/16	29 3/16	.65406
1843	59 5/8	59	59 3/16	1.297	1896	31 15/16	29 3/4	30 13/16	.67565
1844	59 3/4	59 1/4	59 1/2	1.304	1897	29 13/16	23 5/8	27 9/16	.60438
1845	59 7/8	58 7/8	59 1/4	1.298	1898	28 3/8	25	26 5/16	.59010
1846	60 1/8	59	59 5/16	1.300	1899	29	26 5/8	27 1/16	.60154
1847	60 3/8	58 7/8	59 11/16	1.308	1900	30 1/4	27	28 5/16	.62007
1848	60	58 1/2	59 1/2	1.304	1901	29 9/16	24 15/16	27 3/16	.59955
1849	60	59 1/2	59 3/4	1.309	1902	26 1/16	21 1/16	24 1/16	.52795
1850	61 1/2	59 1/2	60 1/16	1.316	1903	28 1/2	21 1/16	24 3/4	.54257
1851	61 5/8	60	61	1.337	1904	28 9/16	24 7/16	26 13/32	.57876
1852	61 7/8	59 7/8	60 1/2	1.326	1905	30 5/16	25 7/16	27 13/16	.61027
1853	61 7/8	60 5/8	61 1/2	1.348	1906	33 1/8	29	30 7/8	.67689
1854	61 7/8	60 7/8	61 1/2	1.348	1907	32 7/16	24 1/4	30 3/16	.66152
1855	61 5/8	60	61 5/16	1.344	1908	27	22	24 13/32	.53490
1856	62 1/4	60 1/2	61 5/16	1.344	1909	24 7/8	23 1/16	23 23/32	.52016
1857	62 3/8	61	61 3/4	1.353	1910	26 1/4	23 3/16	24 21/32	.54077
1858	61 7/8	60 3/4	61 5/16	1.344	1911	26 1/8	23 1/16	24 19/32	.53928
1859	62 3/4	61 3/4	62 1/16	1.360	1912	29 11/16	25 1/8	28 1/16	.61470
1860	62 3/8	61 1/4	61 11/16	1.352	1913	29 3/8	26 1/16	27 9/16	.60458
1861	61 3/8	60 1/8	60 13/16	1.333	1914	27 1/4	22 1/8	25 1/4	.55312
1862	62 1/8	61	61 7/16	1.346	1915	27 1/4	22 5/16	23 5/8	.51892
1863	61 3/4	61	61 3/8	1.345	1916	37 1/8	26 11/16	31 3/8	.68647
1864	62 1/2	60 5/8	61 3/8	1.345	1917	55	35 11/16	40 13/16	.89525
1865	61 5/8	60 1/2	61 1/16	1.338	1918	49 1/2	42 1/2	47 17/32	1.04171
1866	62 1/4	60 3/8	61 1/8	1.339	1919	79 1/8	47 3/4	57 1/32	1.25047
1867	61 1/4	60 3/8	60 9/16	1.328	1920	89 1/2	38 7/8	61 13/32	1.34649
1868	61 1/8	60 1/8	60 1/2	1.326	1921	43 3/8	30 5/8	36 23/32	.80522
1869	61	60	60 7/16	1.325	1922	37 3/8	30 3/8	34 13/32	.75403
1870	60 3/4	60 1/4	60 9/16	1.328	1923	33 1/16	30 1/2	31 5/16	.70028
1871	61	60 3/16	60 1/2	1.326	1924	36 1/16	31 1/2	33 1/32	.74456
1872	61 1/8	59 1/4	60 5/16	1.322	1925	33 7/16	31 1/16	32 3/32	.70346
1873	59 15/16	57 7/8	59 3/16	1.29769	1926	31 3/16	24 1/16	28 1/16	.62873
1874	59 1/2	57 1/4	58 3/16	1.27883	1927	28	24 3/4	26 1/16	.57070
1875	57 5/8	55 1/2	56 11/16	1.24233	1928	28 7/8	26 1/16	26 3/4	.58267
1876	58 1/2	46 3/4	52 3/4	1.16414	1929	26 7/16	21 5/16	24 15/32	.53631
1877	58 1/4	53 1/4	54 13/16	1.20189	1930	21 5/8	14 7/16	17 21/32	.38724
1878	55 1/4	49 1/2	52 13/16	1.15358	1931	21 9/16	12	14 19/32	.29176
1879	53 3/4	48 7/8	51 1/4	1.12392	1932	20 7/16	16 3/8	17 27/32	.28116
1880	52 13/16	51 1/2	52 1/4	1.14507	1933	20 1/2	16 1/2	18 5/32	.34581
1881	52 7/8	50 7/8	51 11/16	1.13229	1934	25 1/4	18 3/16	21 7/32	.48122
1882	52 3/8	50	51 5/8	1.13562	1935	36 1/4	20 7/8	28 15/16	.63933
1883	51 3/16	50 1/16	50 9/16	1.10874	1936	22 15/16	19	20 1/16	.44934
1884	51 3/8	49 1/2	50 11/16	1.11068	1937	21 1/2	18 3/16	20 1/16	.44687
1885	50	46 7/8	48 9/16	1.06510					

Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate

Calendar year	Average London price per standard ounce	United States equivalent of London price [1]—		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1 000)	
	£ s. d.			
1870	3 17 9.01	$18.9190	$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.02572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	----------
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6411	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6460	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08789
1907	3 17 9.95	18.9381	20.6597	.10182
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	----------
1912	3 17 9.00	18.9188	20.6387	----------
1913	3 17 9.00	18.9188	20.6387	----------
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	----------
1916	3 17 9.00	18.9188	20.6387	----------
1917	3 17 9.00	18.9188	20.6387	----------
1918	3 17 9.00	18.9188	20.6387	----------
British mint price per standard ounce (0.916⅔)	3 17 10.50	18.9492	----------	.16077
Equivalent per fine ounce	4 4 11.45+	----------	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	----------	----------
Equivalent per fine ounce	4 4 9.82—	----------	20.6387	----------

[1] Conversions on basis of legal monetary parity, i. e., £1 (sterling) = $4.8665+; exchange not a factor.

Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)

Calendar year	Average London market price per fine ounce			United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity [1]	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
	£	s.	d.		Percent		
1919	4	10	1.03	$21.9204	6.21033	$4.4258	$19.9351
1920	5	12	11.52	27.4863	33.17875	3.6643	20.6960
1921	5	7	.50	26.0463	26.20109	3.8491	20.6007
1922	4	13	3.80	22.7066	10.01952	4.4292	20.6659
1923	4	10	2.90	21.9583	6.39381	4.5748	20.6419
1924	4	13	8.30	22.7978	10.46141	4.4171	20.6923
1925	4	5	5.60	20.7964	.76410	4.8289	20.6355
1926	4	4	11.10	20.6646	.12549	4.8582	20.6291
1927	4	4	11.20	20.6667	.13561	4.8610	20.6430
1928	4	4	11.20	20.6667	.13561	4.8662	20.6651
1929	4	4	11.35	20.6697	.15020	4.8569	20.6287
1930	4	4	11.93	20.6814	.20689	4.8621	20.6625
1931	4	12	6.23	22.5126	9.07954	4.5350	20.9787
1932	5	18	.82	28.7293	39.20110	3.5061	20.6980
1933	6	4	10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6	17	7.85	33.4952	62.29359	5.0393	34.6840
1934 (equivalents at new parity)	6	17	7.85	56.7114	62.29359	5.0393	34.6840
1935	7	2	1.24	58.5450	67.54000	4.9018	34.8281
1936	7	0	3.45	57.7964	65.39770	4.9709	34.8678
1937	7	0	8.77	57.9790	65.92020	4.9440	34.7887
British Mint price per fine ounce	4	4	11.45+	[2] 20.6718 [3] 35.0000	.16077		
Bank of England's minimum buying rate per fine ounce	4	4	9.82—	[2] 20.6387 [3] 34.9439			

[1] Legal parity prior to February 1934, was £1 (sterling) = $4.8665+; thereafter £1 (sterling) = $8.2397+.
[2] Prior to February 1934.
[3] Since Jan. 31, 1934.

Bullion value of the silver dollar [371¼ grains of pure silver] at the annual average price of silver each calendar year since 1837

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	$1.009	1858	$1.039	1879	$0.86928	1900	$0.47958	1921	$0.48801
1838	1.008	1859	1.052	1880	.88564	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80927	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50587	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242		
1855	1.039	1876	.90039	1897	.46745	1918	.76142		
1856	1.039	1877	.92958	1898	.45640	1919	.86692		
1857	1.046	1878	.89222	1899	.46525	1920	.78844		

Average commercial ratio of silver to gold each calendar year since 1687

Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio	Years	Ratio
1687	14.94	1729	14.92	1771	14.66	1813	16.25	1855	15.38	1897	34.20
1688	14.94	1730	14.81	1772	14.52	1814	15.04	1856	15.38	1898	35.03
1689	15.02	1731	14.94	1773	14.62	1815	15.26	1857	15.27	1899	34.36
1690	15.02	1732	15.09	1774	14.62	1816	15.28	1858	15.38	1900	33.33
1691	14.98	1733	15.18	1775	14.72	1817	15.11	1859	15.19	1901	34.68
1692	14.92	1734	15.39	1776	14.55	1818	15.35	1860	15.29	1902	39.15
1693	14.83	1735	15.41	1777	14.54	1819	15.33	1861	15.50	1903	38.10
1694	14.87	1736	15.18	1778	14.68	1820	15.62	1862	15.35	1904	35.70
1695	15.02	1737	15.02	1779	14.80	1821	15.95	1863	15.37	1905	33.87
1696	15.00	1738	14.91	1780	14.72	1822	15.80	1864	15.37	1906	30.54
1697	15.20	1739	14.91	1781	14.78	1823	15.84	1865	15.44	1907	31.24
1698	15.07	1740	14.94	1782	14.42	1824	15.82	1866	15.43	1908	38.64
1699	14.94	1741	14.92	1783	14.48	1825	15.70	1867	15.57	1909	39.74
1700	14.81	1742	14.85	1784	14.70	1826	15.76	1868	15.59	1910	38.22
1701	15.07	1743	14.85	1785	14.92	1827	15.74	1869	15.60	1911	38.33
1702	15.52	1744	14.87	1786	14.96	1828	15.78	1870	15.57	1912	33.62
1703	15.17	1745	14.98	1787	14.92	1829	15.78	1871	15.57	1913	34.19
1704	15.22	1746	15.13	1788	14.65	1830	15.82	1872	15.63	1914	37.37
1705	15.11	1747	15.26	1789	14.75	1831	15.72	1873	15.93	1915	40.48
1706	15.27	1748	15.11	1790	15.04	1832	15.73	1874	16.16	1916	30.78
1707	15.44	1749	14.80	1791	15.05	1833	15.93	1875	16.64	1917	24.61
1708	15.41	1750	14.55	1792	15.17	1834	15.73	1876	17.75	1918	21.00
1709	15.31	1751	14.39	1793	15.00	1835	15.80	1877	17.20	1919	18.44
1710	15.22	1752	14.50	1794	15.37	1836	15.72	1878	17.92	1920	20.28
1711	15.29	1753	14.54	1795	15.55	1837	15.83	1879	18.39	1921	32.76
1712	15.31	1754	14.48	1796	15.65	1838	15.85	1880	18.05	1922	30.43
1713	15.24	1755	14.68	1797	15.41	1839	15.62	1881	18.25	1923	31.69
1714	15.13	1756	14.94	1798	15.59	1840	15.62	1882	18.20	1924	30.80
1715	15.11	1757	14.87	1799	15.74	1841	15.70	1883	18.64	1925	29.78
1716	15.09	1758	14.85	1800	15.68	1842	15.87	1884	18.61	1926	33.11
1717	15.13	1759	14.15	1801	15.46	1843	15.93	1885	19.41	1927	36.47
1718	15.11	1760	14.14	1802	15.26	1844	15.85	1886	20.78	1928	35.34
1719	15.09	1761	14.54	1803	15.41	1845	15.92	1887	21.10	1929	38.78
1720	15.04	1762	15.27	1804	15.41	1846	15.90	1888	22.00	1930	53.74
1721	15.05	1763	14.99	1805	15.79	1847	15.80	1889	22.10	1931	71.25
1722	15.17	1764	14.70	1806	15.52	1848	15.85	1890	19.75	1932	73.29
1723	15.20	1765	14.83	1807	15.43	1849	15.78	1891	20.92	1933	59.06
1724	15.11	1766	14.80	1808	16.08	1850	15.70	1892	23.72	1934	72.49
1725	15.11	1767	14.85	1809	15.96	1851	15.46	1893	26.49	1935	54.19
1726	15.15	1768	14.80	1810	15.77	1852	15.59	1894	32.56	1936	77.09
1727	15.24	1769	14.72	1811	15.53	1853	15.33	1895	31.60	1937	77.44
1728	15.11	1770	14.62	1812	16.11	1854	15.33	1896	30.59		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries the most reliable data available are used in compiling world statistics.

COINAGE OF NATIONS

CALENDAR YEAR 1936

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			34,656,955	$11,381,781	25,070,554
Arabia, Saudi	Rial			2,500,000	390,148	859,375
Austria	Schilling	2,663,721	$634,770	8,790,309	341,638	752,523
Brazil	Milreis			9,930,000	173,927	383,108
British Empire:						
Australia	Pound			338,200	516,451	1,137,582
British Guiana	do			500	413	909
British Honduras	Dollar			3,000	942	2,074
British India	Rupee			2,218,003	346,140	762,439
Canada	Dollar			814,486	221,861	488,692
Fiji	Pound			20,500	16,922	37,273
Great Britain	do			3,115,864	2,571,943	5,665,198
Mauritius	Rupee			50,000	7,803	17,188
New Guinea	Pound			30,000	43,569	95,969
New Zealand	do			50,554	41,729	91,917
Nyasaland	do			112,500	171,794	378,409
Southern Rhodesia	do			242,500	370,311	815,681
Straits Settlements	Dollar			100,000	15,852	34,917
Union of South Africa	Pound			200,080	264,246	582,052
Trade coins (circulate in Red Sea area).	Maria Theresa thaler.			150,125	51,251	112,890
China [3]	Yuan					
Cuba	Peso					
Czechoslovakia	Ducat	26,174	101,388	16,000,000	5,618,115	12,374,976
France	Franc	768,864,100	51,002,612			
Indochina	Piastre			951,680	9,446	20,806
Tunis	Franc	3,300	222	2,000,000	525,460	1,157,427
Germany	Reichsmark			10,012,090	99,373	218,889
Hungary	Pengo			335,123,780	12,228,764	26,936,196
Iran	Rial			1,822,388	85,119	187,492
Japan	Yen	26,550	2,188	400,000	24,171	53,242
Lithuania	Litas			22,136,298	2,303,095	5,073,009
Netherlands	Florin			3,664,714	72,213	159,062
Nicaragua	Cordoba			1,500,000	196,171	432,105
Palestine	Pound			75,000	21,894	48,226
Philippine Islands	Peso			[4] 410,000	502,567	1,107,000
Poland	Zloty			30,000	6,860	15,111
Portuguese East Africa	Escudo			34,600,000	833,292	1,835,486
Rumania	Leu			7,961,630	115,436	254,270
Sweden	Krona			1,125,000,000	665,035	1,464,868
Switzerland	Franc			5,589,224	486,700	1,072,050
Syria	Pound			1,200,000	73,126	161,075
Turkey	Lira (pound)			150,000	29,776	65,587
Vatican	Lira			5,969,000	867,753	1,911,393
Venezuela	Bolivar	201,500	17,955	150,000	1,828	4,027
				5,500,000	335,163	738,261
Total			51,759,135		42,030,078	92,579,308

[1] At $35 per fine ounce of gold.
[2] At the average price of a fine ounce of silver in New York, $0.45399.
[3] There were produced for circulation 3,563 silver mint bars B (of silver fineness of coin, 0.880), each bar containing the same quantity of silver as 1,000 standard silver yuan (dollars). The bars consumed 2,691,247 fine ounces of silver having a value (on basis of $0.45399 per fine ounce) of $1,221,799.
[4] Includes coin not previously reported struck in recent prior years.

COINAGE OF NATIONS—Continued

CALENDAR YEAR 1937 (SUBJECT TO REVISION)

Country	Monetary unit	Gold		Silver		
		Value in monetary units named	Value in United States dollars [1]	Value in monetary units named	Value of fine ounces consumed [2]	Fine ounces consumed
United States	Dollar			22,035,562	$7,204,072	15,939,975
Albania	Franc	100,000	$32,670	700,000	42,466	93,961
Arabia:						
Saudi	Rial			3,000,000	466,073	1,031,250
Yemen	Maria Theresa thaler.			2,800,000	951,588	2,105,516
Austria	Schilling	485,225	115,605	1,016,855	59,128	130,828
Brazil	Milreis			2,070,000	36,094	79,862
British Empire:						
Australia	Pound			674,500	1,025,372	2,268,773
British Guiana	do			550	452	1,000
British India	Rupee			9,249,598	1,436,998	3,179,550
Canada	Dollar			1,317,017	357,135	790,210
East Africa	Schilling			2,440,000	68,922	152,500
Fiji	Pound			6,000	4,930	10,909
Great Britain	do			3,958,530	3,252,832	7,197,327
Iraq	Dinar			60,000	78,465	173,614
Mauritius	Rupee			100,000	15,536	34,375
New Guinea	Pound			68,000	98,312	217,529
New Zealand [3]	do			354,500	291,302	644,545
Southern Rhodesia	do			165,850	252,124	557,859
Straits Settlements	Dollar			234,881	37,066	82,013
Trade coins (circulate in Red Sea area).	Maria Theresa thaler.			3,719,415	1,264,060	2,796,902
Union of South Africa	Pound			443,212	582,719	1,289,344
Cuba	Peso			[4] 12,000,000	4,194,653	9,281,232
Dominican Republic	Dollar			600,000	162,702	360,000
Egypt	Pound			515,000	873,043	1,931,724
France	Franc			24,307,780	240,179	531,429
Indochina	Piastre			1,338,615	847,590	1,875,406
Syria and Grand Lebanon	Pound			574,144	113,459	251,045
Tunis	Franc	3,300	222	24,180	239	528
Germany	Reichsmark			163,516,753	5,939,962	13,142,962
Guatemala	Quetzal			40,000	13,949	30,865
Honduras	Lempira			4,500,000	735,608	1,627,631
Hungary	Pengo			7,000,000	325,484	720,177
Eire	Pound			25,000	30,815	68,182
Italy	Lira			11,465,250	138,425	306,284
Lithuania	Litas			10,029,280	196,737	435,306
Mexico	Peso			12,000,000	2,092,396	4,629,707
Netherlands	Florin			11,860,000	1,288,358	2,850,666
	Ducat	116,660	450,876			
East Indies	Florin			4,000,000	527,702	1,167,612
Philippine Islands	Peso			883,000	192,457	425,837
Poland	Zloty			16,600,000	397,991	880,608
San Marino	Lira			750,000	8,758	19,379
Sweden	Krona			4,760,079	411,238	909,919
Switzerland	Franc			6,225,000	275,115	608,729
Vatican	Lira			600,000	7,280	16,108
Venezuela	Bolivar			15,850,000	1,008,764	2,232,025
Total			599,373		37,548,550	83,081,203

[1] At $35 per fine ounce of gold.
[2] At the average price of fine ounce of silver in New York, $0.45195.
[3] For year ended Mar. 31, 1938.
[4] Includes coin struck in prior years delivered in 1937.

COIN BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1936 AND 1937

[Insofar as reported to the Director of the Mint]

Country	1936		1937 (subject to revision)	
	Gold [1]	Silver	Gold [1]	Silver
		Fine ounces		*Fine ounces*
United States	$441,836,005	5,689,090	$152,782,603	4,431,287
Algeria				72,339
Arabia, Saudi		[2] 352,051		
Austria	[2] 48,303	[2] 211,217	[2] 26,138	[2] 52,700
Brazil		[2] 126,822	[3] 1,310	[2] 138,345
British Empire:				
Australia	2,109	[2] 52,100	28,081	[2] 9,939
British India		[2] 13,444,062		
British West Indies:				
Jamaica		[2] 18,809		[2] 7,084
Other		[2] 14,793		(5)
Canada		[2] 537,167		[2] 656,137
Fiji Island		51,004		(5)
Gold Coast		[2] 62,871		[2] 19,318
Great Britain		[2] 6,427,549		4,938,984
Malta		2,237		(5)
New Zealand		[3] 229,854		(5)
Nigeria		[2] 72,698		[2] 71,556
Northern Rhodesia		3,868		(5)
Nyasaland		[2] 22,409		[2] 44,218
Sierra Leone		[2] 12,364		
Sudan, Anglo-Egyptian		2,272		(5)
Union of South Africa	11,181	277,665		66,028
Chile				[2] 11,783
Cuba		[2] 2,707		
Egypt				[2] 2,250,552
Germany		[2] 28,549,584		[2] 15,286,991
Hungary				[2] 62
Indochina, French		[2] 205,732		
Japan	[5] 75,194	[6] 2,059,932		[7] 1,629,398
Lithuania				
Netherlands	[2] 306	[2] 305,659		[2] 747,368
Dutch Guiana		30,760		[2] 10,950
Netherland East Indies		[2] 1,512,487		[2] 911,655
Netherland West Indies		4,117		[2] 1,617
Philippine Islands		[2] 5,144		[2] 435,630
Poland		[2] 213,545		[2] 164,933
Rumania		[4] [2] 781,263		[2] 2,736,578
Sweden		[2] 47,193		[2] 31,985
Switzerland		[2] 251,332	[2] 3,497,235	[2] 497,210
Total	441,973,098	61,580,357	156,335,367	35,224,647

[1] At $35 per fine ounce of gold.
[2] Domestic coin only.
[3] Foreign coin only.
[4] Total up to Dec. 31, 1936.
[5] Included in figure for Great Britain.
[6] For fiscal year ended Mar. 31, 1936.
[7] For fiscal year ended Mar. 31, 1937.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1936 AND 1937

[Includes new and old bullion, domestic and foreign coin, and other materials, insofar as reported to the Director of the United States Mint]

Country	1936		1937 (subject to revision)	
	Gold	Silver	Gold	Silver
		Fine ounces		*Fine ounces*
United States	$32,967,937	35,842,674	$39,622,338	51,292,270
Austria	712,530	244,937	953,970	265,867
Brazil	----------	412,452	1,015	2,926
British Empire:				
Australia	432,250	41,545	420,945	44,594
Canada	1,200,744	1,275,000	1,799,064	668,434
Great Britain	11,735,000	8,000,000	12,250,000	8,500,000
New Guinea	560	----------	560	----------
Bulgaria	137,270	----------	129,407	----------
Czechoslovakia	1,125,280	17,361,000	----------	----------
Denmark	149,660	1,562,490	----------	----------
Egypt	5,487,384	1,111,586	----------	----------
Estonia	56,140	93,076	52,990	99,810
Finland	278,635	326,028	361,445	415,442
France	15,078,700	5,722,832	6,469,435	1,469,520
Algeria	417,480	181,652	225,050	155,927
Madagascar	----------	----------	58,310	----------
Morocco	----------	----------	[1] 225,057	[1] 32,150
Tunis	39,543	18,514	37,385	243,843
Germany	----------	----------	[2] 7,380,842	----------
Guatemala	----------	----------	5,100	514
Honduras	----------	3,215	----------	----------
Iceland	1,400	4,019	----------	----------
Hungary	645,190	635,828	871,895	718,361
Japan	----------	----------	----------	----------
Kwantung leased territory (only)	121,801	19,846	----------	----------
Latvia	119,280	178,276	----------	3,408
Lithuania	258,825	96,450	281,225	96,450
Mexico	168,792	48,225	168,792	48,225
Portugal	1,885,240	606,838	----------	----------
Rumania	----------	54,688	1,400,000	120,000
Sweden	1,287,810	437,250	1,350,336	570,662
Switzerland	2,022,663	157,539	3,713,424	257,200
Yugoslavia	469,140	99,108	502,180	118,198
Total	76,749,254	74,535,068	78,280,765	65,123,801

[1] Conjectural.
[2] Gold delivered by the Reichsbank.

REVISIONS, 1936 MONETARY STOCKS

Principal revisions of monetary stocks for 1936, published in last year's volume, give:

Australia's total silver stock as $36,988,000 instead of $31,443,000; paper circulation as £47,206,000 instead of £50,539,000.

Brazil's paper circulation as 4,051,000,000 milreis instead of 4,030,000,000 milreis.

British Guiana's paper circulation as $1,386,000 instead of $1,267,000.

Egypt's total gold stock as $54,781,000 instead of $52,229,000.

Great Britain's total silver stock as $273,657,000 instead of $269,929,000.

Iceland's total gold stock as $1,019,000 instead of $1,361,000; paper circulation as 10,560,000 crowns instead of 11,000,000.

Panama's total gold stock as $13,000 instead of none; total silver stock as $1,335,000 instead of $1,010,000.

Salvador's total gold stock as $5,222,000 instead of $6,527,000.

Spain, silver stock in Bank of Spain as $53,296,000 instead of $225,244,000, which included that in circulation.

Syria's total silver stock as $1,494,000 instead of none.

Trinidad's gold stock as $1,000 instead of none; silver stock in home banks as $183,000 instead of $493,000; paper circulation as 2,194,000 West Indian dollars instead of 1,781,000.

Venezuela's total silver stock as $26,151,000 instead of $25,309,000.

WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1937

The following compilations have been made from answers to official questionnaires of the United States Mint Bureau, central bank reports, and other official sources, except as indicated by footnote 1. It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. The amount of silver in circulation in many countries is not obtainable.

Population figures are principally from the Statistical Yearbook of the League of Nations, 1937–38.

Monetary stock of principal countries of the world, end of calendar year 1937 (subject to revision)

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted). $1=15\frac{5}{21}$ grains of gold 9/10 fine; i. e. an ounce of fine gold=$35. Population (000 omitted)

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1937, insofar as known	At average exchange rate during December 1937 [2]									
North America:												
United States (including Alaska, Hawaii, and Puerto Rico).	Dollar	$1.0000	$1.0000	$12,760,151	----	$12,760,151	[3] $2,286,689	6,012,861	[4] 128,840	$99.04	$17.75	46.67
Canada	do	1.6931	.9995	[5] 183,523	$80	183,603	[3] [6] 32,364	267,007	11,120	16.51	2.91	24.01
Mexico	Peso	(7)	.2775	[5] 24,006	----	[5] 24,006	[8] 60,495	287,000	19,154	1.25	2.15	14.98
British Honduras	Dollar	1.6931	1.0000	----	----	----	190	393	56	----	3.39	5.41
Costa Rica	Colon	.7879	[9] .1779	----	----	----	----	26,689	607	----	----	43.97
Cuba	Peso	1.0000	.9992	[10] 1,221	[10] 123	[10] 1,344	[8] [11] 69,394	[11] 55,349	4,370	.31	15.87	12.66
Dominican Republic	Dollar	1.6931	1.0000	----	----	----	[12] [13] 80	(14)	1,520	----	.05	----
Guatemala	Quetzal	1.6931	1.0000	5,434	18	5,452	1,677	7,699	3,001	1.81	.56	2.56
Haiti	Gourde	.2000	----	----	----	----	(12)	[12] 7,324	3,500	----	----	2.09

Honduras	Lempira	.5000	.4902				4,667	2,135	1,000		4.67	2.14
Newfoundland	Dollar	1.6931	.9996				[15] 2,051	[16] 68	289		7.10	.23
Nicaragua	Cordoba	1.6933	.5000	329		329	274	5,764	1,000	.33	.27	5.76
Panama	Balboa	1.0000					[12 17] 1,010	([14])	535		1.88	
Salvador	Colon	.8466	.4000	[5] 6,586		6,586	[10 13] 13	15,149	1,665	3.95	.01	9.09
West Indies, British:												
Barbados	Dollar	1.7165	1.0409				[10 17] 948	459	188		5.04	2.44
Jamaica	Pound	8.2397	4.9964				[10] 98	457	1,139		.09	.40
Trinidad	Dollar	1.7165	1.0409		[10] 1	[10] 1	[10] 111	[10] 2,194	448		.25	4.90
West Indies, French:												
Guadeloupe	Franc	.0496	.0339					46,449	305			152.29
Martinique	do	.0496	.0339					48,711	250			194.84
West Indies, Netherlands	Guilder	.6806	.5560	[10] 2,993	[10] 14	3,007	[10 13] 107	[10] 5,118	91	33.04	1.18	56.24
South America:												
Argentina	Peso	1.6335	.3331	[5] 469,421		469,421		1,359,058	12,762	36.78		106.49
Bolivia	Boliviano	.6180	.0496	[5] 3,074		3,074		252,459	3,000	1.02		84.15
Brazil	Milreis	.0871	.0545	[5] 31,643		31,643	41,047	4,550,000	42,395	.75	.97	107.32
Chile	Peso	.2060	.0517	29,703		29,703		703,835	4,597	6.46		154.20
Colombia	do	1.6479	.5424	[5] 16,407		16,407	[13] 5,138	60,920	9,033	1.82	.57	6.74
Ecuador	Sucre	.3386	.0727	[5] 3,802		3,802	[8] 872	68,122	3,000	1.27	.29	22.71
Guiana:												
British	Dollar	1.7165	1.0470				[10 17 13] 287	[10] 1,386	333		.86	4.16
French	Franc	([7])	.0339					[1 18] 16,900	31			545.16
Paraguay	Peso	1.6335						[10] 1,261,870	932			1,353.94
Peru	Sol	.4740	.2427	20,426	306	20,732	5,627	96,363	6,147	3.37	.92	15.68
Uruguay	Peso	[7] 1.7511	.7994	74,362	3	74,365	[13] 4,066	108,246	2,093	35.53	1.94	51.72
Venezuela	Bolivar	.3267	.3135	53.588		53,588	38,813	141,143	3,428	15.63	11.32	41.17
Europe:												
Albania	Franc	.3267		2,477		2,477	[17] 555	11,131	1,100	2.25	.50	10.12
Austria	Schilling	.2382	.1889	[5] 45,790		45,790	[13] 1,492	943,914	6,754	6.78	.22	139.76
Belgium	Belga	.1695	.1699	[19] 597,070		597,070	[13 19] 5,634	[19] 22,065	8,331	71.67	.68	2.65
Bulgaria	Lev	.0122	.0127	23,524		23,524	[17] 21,137	2,572,900	6,319	3.72	3.34	407.17
Czechoslovakia	Koruna	.0351	.0351	92,225		92,225	[10 8] 19,994	6,902,241	15,239	6.05	1.31	452.93
Danzig	Gulden	.1899	.1894	5,386		5,386		36,245	405	13.30		89.49
Denmark	Krone	.4537	.2230	[1] 53,451		53,451		[1] 417,085	3,749	14.26		111.25
Eire	Pound	8.2397	4.9964		51	51	[20] 4,694	[20] 16,062	2,944	.02	1.59	5.46
Estonia	Kroon	.4537	.2770	15,524		15,524	442	49,817	1,131	13.73	.39	44.05
Finland	Mark	.0426	.0221	[5] 26,463		26,463		2,051,842	3,603	7.34		569.48
France	Franc	([7])	.0339	[5] 2,566,425		2,566,425	101,980	93,836,871	41,950	61.18	2.43	2,236.87
Germany	Reichsmark	.4033	.4030	28,491		28,491	473,602	5,883,737	68,072	.42	6.96	86.43
Gibraltar	Pound	8.2397	4.9964				120	[21] 200	19		6.31	10.53
Great Britain	do	8.2397	4.9964	[22 23] 2,689,493	[23] 451,992	3,141,485	[24 23] 299,784	[1 25 23] 538,986	47,288	66.43	6.34	11.40
Greece	Drachma	.0220	.0092	24,460	174	24,634	2,793	6,776,494	6,933	3.55	.40	977.43
Hungary	Pengö	.2961	.1984	24,909		24,909	2,127	466,172	9,035	2.76	.24	51.60
Iceland	Kronu	.4537	.2230	[10] 1,019		1,019		12,000	117	8.71		102.56
Italy	Lira	.0526	.0526	[1] 210,253		210,253		[1] 17,468,000	43,142	4.87		404.90
Latvia	Lat	([7])	.1981	[5] 14,981		[5] 14,981	8,512	107,557	1,971	7.60	4.32	54.57
Lithuania	Litas	.1693	.1692	13.383		13,383	4,789	116,564	2,550	5.25	1.88	45.71
Malta and Gozo	Pound	8.2397	4.9964				400	1,000	262		1.53	3.82
Netherlands	Florin	.6806	.5560	929,542		929,542	90,131	869,497	8,651	107.45	10.42	100.51
Norway	Krone	.4537	.2510	81,764		81,764		448,900	2,908	28.12		154.37

See footnotes on p. 97.

Monetary stock of principal countries of the world, end of calendar year 1937 (subject to revision)—Continued

Country	Monetary unit			Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Monetary silver stock in government treasuries, in banks, and, when data available, in circulation (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country	Population	Per capita		
	Name	United States equivalent		In central bank, government treasuries, and earmarked abroad	Other	Total gold stock				Gold	Silver	Paper
		On gold basis as defined by laws effective Dec. 31, 1937, insofar as known	At average exchange rate during December 1937 [2]									
Europe—Continued.												
Poland	Zloty	.1899	.1894	82,611		82,611	72,002	1,059,484	34,534	2.39	2.08	30.68
Portugal	Escudo	.0749	.0452	[1] 68,653		68,653	[10] [8] 7,576	[1] 2,223,725	7,301	9.40	1.04	304.58
Rumania	Leu	.0101	.0074	[5] 120,780		120,780	[8] 34,912	29,390,894	19,646	6.15	1.78	1,496.02
Spain	Peseta	.3237	.0618	[26] 525,000		525,000	[10] [13] 42,637	[10] 4,799,965	24,849	21.13	1.72	193.17
Sweden	Krona	.4537	.2575	244,436	249	244,685	[27] 18,700	980,088	6,285	38.93	2.98	155.94
Switzerland	Franc	[7]	.2312	[28] 648,203		648,203		46,295	1,530,516	4,183	154.96	11.07
Bank of International Settlement	do	.3237		4,500		4,500						
Union of Soviet Socialist Republics	Chervonetz	[29] 8.7123	1.8868	[30]		[30]			[30]	168,000		
Yugoslavia	Dinar	.0298	.0231	50,964		50,964	23,128	5,834,073	15,400	3.31	1.50	378.84
Asia:												
Arabia, Saudi	Pound	8.2397	4.9964	824		824	1,749		7,000	.12	.25	
British Malaya (includes Straits Settlements, Federated Malay States, Unfederated Malay States, British North Borneo, and Sarawak).	Dollar	.9613	.5859				16,514	104,525	5,026		3.29	20.80
Ceylon	Rupee	.6180	.3771	14		14	10,378	48,413	5,678		1.83	8.53
China	Yuan	[31]	.2947	16,000		16,000	[27] 450,000	[10] 1,232,272	450,000	.04	1.00	2.74
Hong Kong	Dollar	[32]	.3119					233,663	988			236.50
Cyprus Island	Pound	8.2397	4.9964				816	610	369		2.21	1.65
India, British	Rupee	.6180	.3771	275,014		275,014	[13] 242,772	2,146,693	371,034	.74	.66	5.79
Indochina, French	Piaster	[7]	.3395				[10] 4,973	[1] 160,638	23,150		.21	6.94
Iraq	Dinar	8.2397	4.9964				[8] 3,497	4,300	3,600		.97	1.19
Iran (Persia)	Rial	.0824	.0611	25,296		25,296	[13] 21,752	879,000	15,000	1.69	1.45	58.60
Japan (incl. Chosen, Taiwan, Kwantung and Karafuto).	Yen	.8440	.2908	261,390		261,390	[10] 96,910	2,483,000	101,983	2.56	.95	24.36
Netherland East Indies	Guilder	.6806	.5560	[33] 79,338		[33] 79,338	[3] [13] [33] 9,905	[33] 187,236	66,400	1.20	.15	2.82
Palestine	Pound	8.2397	4.9964				5,546	4,322	1,383		4.01	3.13

Philippine Islands	Peso	.5000	.5015	807	----	807	[17] 18,972	[12] 158,988	13,439	.06	1.41	11.83
Siam	Baht or tical	.7491	.4580	----	----	----	[3] 32,263	167,018	14,400	----	2.24	11.60
Syria	Pound	[7]	.6790	----	----	----	1,826	23,700	3,500	----	.52	6.77
Turkey	Lire (pound)	7.4400	.8066	[5] 29,376	----	29,376	[10] 11,068	168,630	16,490	1.78	.67	10.23
Africa:												
Algeria and Tunis	Franc	[7]	.0339	[5] 14,080	----	14,080	[13] 4,074	2,364,816	9,940	1.41	.40	237.09
Belgian Congo	do	.0339	.0339	4,606	----	4,606	----	[8] 387,059	10,067	.46	----	38.44
British East Africa (Kenya, Tanganyika, Uganda, and Zanzibar)	Shilling	.4120	.2498	----	----	----	[18] 17,910	[18] 43,265	12,339	----	1.45	3.51
British West Africa (Gambia, Gold Coast, Nigeria, Sierre Leone)	Pound	8.2397	4.9964	----	----	----	[18 15] 6,303	[18] 2,375	24,724	----	.25	.09
Egypt	do	8.3692	5.1229	54,781	----	54,781	22,475	20,674	15,951	3.43	1.40	1.30
Ethiopia (Abyssinia)	Thalari	[32]	----	----	----	----	[10 34] 19,141	[10] 3,300	5,500	----	3.48	.60
French Equatorial Africa	Franc	[7]	.0339	----	----	----	----	[10] 130,000	3,500	----	----	37.14
French West Africa	do	[7]	.0339	----	----	----	----	[1] 663,994	14,700	----	----	45.17
Madagascar	do	[7]	.0339	----	----	----	----	306,165	3,800	----	----	80.56
Morocco	do	[7]	.0339	[5] 4,493	----	4,493	2,517	550,098	6,000	.75	.41	91.68
Nyasaland	Pound	8.2397	4.9964	2	----	2	5,969	72	1,623	----	3.68	.04
Portuguese East Africa	Escudo	.0749	.0452	[5] 913	----	913	----	[35] 421,018	4,250	.21	----	99.06
Reunion Island	Franc	[7]	.0339	[1 36 18] 463	----	463	----	[1 18] 57,042	210	2.20	----	257.34
Rhodesia:												
Northern	Pound	8.2397	4.9964	----	----	----	[10] 344	[10] 180	1,379	----	.25	.13
Southern	do	8.2397	4.9964	----	1,847	1,847	[13] 697	[37] 1,055	1,289	1.43	.54	.82
Somaliland, British	Rupee	.6180	.3771	----	----	----	415	1,000	350	----	1.19	2.86
Southwest Africa	Pound	8.2397	4.9964	----	16	16	[13] 119	358	360	.04	.33	.82
Sudan, Anglo-Egyptian	do	8.3692	5.1229	1	4	5	7,997	[10] 1,012	5,946	----	1.34	.17
Swaziland	do	8.2397	4.9964	----	----	----	[10] 123	[10] 15	158	----	.79	.09
Union of South Africa	do	8.2397	4.9504	188,996	5,864	194,860	14,698	18,228	9,797	19.09	1.48	1.86
Oceania:												
Australia	Pound	8.2397	3.9810	[38] 2,628	[38] 807	3,435	[3 38] 41,582	[38] 49,201	6,867	.50	6.06	7.16
Fiji Islands	do	8.2397	4.5013	----	----	----	358	641	201	----	1.78	3.19
New Guinea	do	8.2397	3.9810	----	----	----	689	[39]	670	----	1.03	----
New Zealand	do	8.2397	4.0106	23,086	----	23,086	[8] 9,326	15,233	1,587	14.55	5.88	9.60
Society Islands	Franc	[7]	.0339	----	----	----	----	20,369	40	----	----	509.23
Papua	Pound	8.2397	3.9810	----	----	----	[39] 25	[39] 12	280	----	.09	.04
Total				23,860,554	461,549	24,322,103	4,923,157	----	2,070,468	11.75	2.38	----

[1] Data used from other than official sources:
Austria, silver data from Bulletin de Statistique, January 1938.
Czechoslovakia, paper currency data from The Statist, Jan. 15, 1938.
Denmark, gold stock and paper currency data from The Statist, Jan. 8, 1938.
French West Africa, paper currency data from Supplement Colonial de L'Economiste Europeen, July 22, 1938.
Great Britain, paper currency data from The Statist, May 28, 1938.
Guiana, French, paper currency data from Supplement Colonial de L'Economiste Europeen, Nov. 19, 1937.
Indochina, French, paper currency data from L'Economiste Europeen, Apr. 1, 1938.
Italy, gold stock and paper currency data from London Bankers' Magazine, May 1938.
Portugal, gold stock and paper currency data from The Statist, Apr. 9, 1938.
Reunion Island, gold stock and paper currency data from Supplement Colonial de L'Economiste Europeen, May 20, 1938.

[2] Exchange rates have been given insofar as obtainable; in some cases they are nominal.

[3] Includes silver bullion.

[4] Continental United States only.

See additional footnotes on p. 98.

[5] Bases used for conversions of gold holdings to United States dollars:
Algeria, reported in old French francs (United States equivalent, $0.0663).
Argentina, gold holdings of central bank reported in paper pesos which were revalued May 31, 1935 (United States equivalent, $0.3296); gold holdings held abroad reported in fine ounces.
Austria, revaluation of December 1936, at 0.16733 grams of fine gold per schilling (United States equivalent, $0.1883).
Bolivia, reported in fine ounces, United States dollars, and pounds sterling.
Brazil, reported in fine kilograms.
Canada, holdings of Government Treasury converted at legal parity; holdings of Bank of Canada converted at average exchange rate of Canadian dollar during December 1937.
China, reported in fine ounces.
Colombia, reported in fine ounces.
Ecuador, revaluation of June 13, 1936, at rate of 11.6466 sucres per gram of fine gold (United States equivalent, $0.0966).
Finland, gold holdings earmarked abroad reported in fine ounces.
France, gold holdings of the Bank of France revalued by decree of July 27, 1937, at 43 milligrams of gold 0.900 fine (United States equivalent, $0.043548).
Latvia, revaluation of Jan. 1, 1937, on the basis of the price of gold in terms of sterling in London (25.22 lats = £1 sterling) (United States equivalent, $0.1960).
Mexico, reported in fine kilograms.
Morocco, see "France," above, for valuation of gold holdings.
Portuguese East Africa, reported in English pounds.
Rumania, revaluation of Nov. 6, 1936, at the rate of 153,333.33 lei per kilogram of fine gold (United States equivalent, $0.0073).
Salvador, reported in United States dollars.
Switzerland, revalued in September 1936, at 135 percent of their former parity (United States equivalent, $0.2419).
Turkey, reported in fine grams.

[6] Net issues of silver coin since 1858 and silver bullion in the Bank of Canada.

[7] Algeria and Tunis, monetary unit is the French franc; see "France" below for devaluation of the franc.
France, law of Oct. 1, 1936, provided for new gold content of franc to be fixed within limits of 43 and 49 milligrams of gold 0.900 fine. This law was superseded by degree of June 30, 1937, which stated that gold content of the franc shall be fixed ultimately by a decree adopted by the Council Ministers. Until issuance of such decree a stabiliaztion fund shall regulate the relationship between the franc and foreign currencies.
French Equatorial Africa, monetary unit is the French franc; see "France" above for devaluation of the franc.
French West Africa, monetary unit is the French franc; see "France" above for devaluation of the franc.
Guiana, French, monetary unit is the French franc; see "France" above for devaluation of the franc.
Indochina, French, monetary unit, the piaster, has a par value of 10 French francs; see "France" above for devaluation of the franc.
Latvia, law of Sept. 28, 1936, pegged the lat to sterling at 2,522 lati to £100.
Madagascar, monetary unit is the French franc; see "France" above for devaluation of the franc.
Mexico, decree of Aug. 28, 1936, left the monetary unit the peso, to be later defined by law.
Morocco, monetary unit is the French franc; see "France" above for devaluation of the franc.
Reunion Island, monetary unit is the French franc; see "France" above for devaluation of the franc.
Society Islands, monetary unit is the French franc; see "France" above for devaluation of the franc.
Switzerland, order of Federal Council enacted Sept. 27, 1936, instructed the Swiss National Bank to maintain the gold parity of the Swiss franc at a value ranging between 190 and 215 milligrams of fine gold.
Syria, monetary unit, the Syrian pound, has a par value of 20 French francs; see "France" above for devaluation of the franc.
Uruguay, monetary unit, the peso, established by monetary law of Jan. 12, 1938, at 0.585018 gram of pure gold (United States equivalent, $0.6583).

[8] Includes base metal coin.
[9] Average exchange rate for 1937.
[10] Prior years' figures at new equivalents where equivalents other than the legal parity are applicable.
[11] On Sept. 30, 1937.
[12] United States coin and currency also circulate.
[13] Silver in circulation not included.
[14] United States currency is circulating media.
[15] Net issues of silver coin.
[16] Exclusive of Canadian bank notes which are the principal circulating media.
[17] Silver converted to United States equivalent at legal rate.
[18] On June 30, 1937.
[19] On Dec. 25, 1937.
[20] Exclusive of British coins and currency which still circulate in Eire.
[21] Spanish bank notes and coin also circulate.
[22] The British Exchange equalization account held 1,489,000,000 of gold on Mar. 31, 1938, in addition to that reported above, per Federal Reserve Bulletin, October 1938.
[23] On Dec. 29, 1937.
[24] Includes British coin circulating in Eire.
[25] Includes British currency circulating in Eire.
[26] In April 1938, per Federal Reserve Bulletin, October 1938.
[27] Estimated.
[28] The Switzerland Exchange equalization account held $130,000,000 of gold in June 1937, in addition to that reported above, per Statistical yearbook of the League of Nations, 1937-38.
[29] Value of the ruble (10 rubles equivalent to 1 chervonetz) fixed in foreign exchange at 1 United States dollar equals 5.30 rubles (United States equivalent, $0.18868).
[30] Data omitted because of indefiniteness or unavailability.
[31] Silver standard abandoned by decree of Nov. 3, 1935; exchange rate for yuan fixed initially at about 1s. 2⅛d. British currency (United States equivalent about $0.2950).
[32] Fluctuates with the price of silver.
[33] On Jan. 1, 1935.
[34] Silver valued at United States equivalent of the price of silver in London on Dec. 31, 1937. ($0.42427 per fine ounce.)
[35] Includes 515,436 British sterling paper converted to escuados at 111.89 to the pound.
[36] Gold and silver.
[37] Includes notes in circulation in Northern Rhodesia and in Nyasaland.
[38] On June 30, 1938.
[39] Australian coins and notes are the circulating media.

WORLD PRODUCTION OF GOLD AND SILVER

[The production figures given below are based upon the unpublished data, principally interrogatory replies, in the files of the Bureau of the Mint]

Country	Calendar year 1936						Calendar year 1937 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45399 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45195 per ounce)[1]
North America:												
United States	116,938	3,759,645	$131,587,575	1,970,424	63,350,587	$28,760,533	127,903	4,112,160	$143,925,600	2,217,645	71,298,929	$32,223,551
Canada	116,577	3,748,028	131,180,980	570,266	18,334,487	8,323,674	127,396	4,095,872	143,355,520	705,521	22,683,032	10,251,596
Mexico	23,451	753,967	26,388,845	2,409,397	77,463,901	35,167,836	26,326	846,400	29,624,000	2,633,870	84,680,875	38,271,522
Newfoundland	469	15,070	527,450	38,863	1,249,472	567,248	705	22,673	793,555	45,026	1,447,613	654,249
Total	257,435	8,276,710	289,684,850	4,988,950	160,398,447	72,819,291	282,330	9,077,105	317,698,675	5,602,062	180,110,449	81,400,918
Central America and West Indies	4,355	[2] 140,000	4,900,000	111,973	[2] 3,600,000	1,634,364	4,355	[2] 140,000	4,900,000	111,973	[2] 3,600,000	1,627,020
South America:												
Argentina	380	12,217	427,595	15,935	512,322	232,589	[4] 380	12,217	427,595	[3] 15,935	512,322	231,544
Bolivia	[5] 1,000	32,151	1,125,285	[7] 333,533	10,723,333	4,868,286	[7] 1,154	37,092	1,298,220	[7] 294,053	9,454,022	4,272,745
Brazil	3,901	125,420	4,389,700	743	23,887	10,844	4,534	145,771	5,101,985	1,376	44,239	19,994
Chile	8,039	258,460	9,046,100	44,521	1,431,383	649,833	9,815	315,560	11,044,600	55,559	1,786,263	807,302
Colombia	12,115	389,506	13,632,710	4,712	151,494	68,777	13,755	442,222	15,477,770	5,224	167,971	75,914
Ecuador	2,447	78,685	2,753,975	2,996	96,310	43,724	1,850	59,500	2,082,500	3,064	98,500	44,517
Guiana—												
British	831	26,701	934,535				1,089	[3] 35,000	1,225,000			
Dutch (Surinam)	373	[6] 12,000	420,000				329	[6] 10,600	371,000			
French	1,417	45,558	1,594,530				1,418	45,590	1,595,650			
Peru	4,740	152,409	5,334,315	619,000	19,901,309	9,034,995	5,246	168,663	5,903,205	528,560	16,993,595	7,680,255
Uruguay	3	96	3,360									
Venezuela	3,435	110,438	3,865,330				3,624	116,514	4,077,990			
Total	38,681	1,243,641	43,527,435	1,021,440	32,840,038	14,909,048	43,194	1,388,729	48,605,515	903,771	29,056,912	13,132,271
Europe:												
Austria				904	29,064	13,195	4	128	4,480	304	9,774	4,417
Bulgaria	20	643	22,505				20	643	22,505			
Czechoslovakia	505	16,236	568,260	33,863	1,088,719	494,267	312	10,031	351,085	34,492	1,108,943	501,186
Finland							150	4,822	168,770			
France	2,665	85,682	2,998,870	14,722	473,323	214,884	2,263	72,757	2,546,495	12,441	[3] 400,000	180,780
Germany	236	7,588	265,580	203,465	6,541,551	2,969,799	[4] 236	7,587	265,545	[4] 203,465	6,541,550	2,956,454
Great Britain				2,391	76,872	34,899	2	64	2,240	2,222	71,439	32,287
Greece				9,020	[10] 290,000	131,657				11,508	[10] 370,000	167,222

See footnotes at end of table.

WORLD PRODUCTION OF GOLD AND SILVER—Continued

[The production figures given below are based upon the unpublished data, principally interrogatory replies, in the files of the Bureau of the Mint]

Country	Calendar year 1936						Calendar year 1937 (subject to revision)					
	Gold			Silver			Gold			Silver		
	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45399 per ounce)[1]	Kilos fine	Ounces fine	Value ($35 per ounce)	Kilos fine	Ounces fine	Value ($0.45195 per ounce)[1]
Europe—Continued.												
Hungary	26	836	29,260	118	3,794	1,722	160	5,144	180,040	1,586	50,991	23,045
Italy	[6] 442	14,211	497,385	17,884	[10] 575,000	261,044	[6] 536	17,232	603,120	20,217	[10] 650,000	293,768
Norway				6,700	215,410	97,794				[5] 7,825	251,580	113,702
Poland				1,882	60,507	27,470				1,998	64,237	29,032
Rumania	4,689	150,755	5,276,425	15,097	485,380	220,358	5,180	166,540	5,828,900	20,846	670,214	302,903
Spain	[6] 125	4,019	140,665	27,993	[6 8 10] 900,000	408,591				18,662	[6 8 10] 600,000	271,170
Sweden	5,102	164,033	5,741,155	18,298	588,294	267,080	4,906	157,731	5,520,585	17,131	550,774	248,922
Switzerland							30	964	33,740			
Union of Socialist Soviet Republics	160,898	[6] 5,173,000	181,055,000	204,972	6,590,000	2,991,794	154,553	[6] 4,969,000	173,915,000	224,845	7,228,933	3,267,116
Yugoslavia	2,616	84,106	2,943,710	55,539	1,785,620	810,654	2,724	87,578	3,065,230	69,751	2,242,546	1,013,519
Total	177,324	5,701,109	199,538,815	612,848	19,703,534	8,945,208	171,076	5,500,221	192,507,735	647,293	20,810,981	9,405,523
Asia:												
British India	10,365	333,239	11,663,365	185,916	5,977,345	2,713,655	10,315	[9] 331,636	11,607,260	192,986	[9] 6,204,642	2,804,188
British Malay States: Federated and Unfederated	1,121	36,034	1,261,190				999	32,114	1,123,990			
China	[4] 4,820	154,966	5,423,810	[4] 4,560	146,614	66,561	[4] 4,820	154,966	5,423,810	[4] 4,560	146,607	66,259
Chosen (Korea)	17,490	562,316	19,684,060	58,821	1,891,137	858,557	22,848	734,580	25,710,300	83,139	2,672,978	1,208,053
Cyprus Island	653	20,991	734,685	3,910	125,704	57,068	735	23,650	827,750	4,136	132,968	60,095
Indochina	204	6,559	229,565	174	5,594	2,540	182	5,851	204,785	110	3,537	1,599
Japan	22,198	713,685	24,978,975	303,743	9,765,572	4,433,472	22,198	[4] 713,685	24,978,975	303,743	[4] 9,765,572	4,413,550
Netherland East Indies	2,229	71,664	2,508,240	20,629	663,238	301,104	1,730	55,621	1,946,735	15,556	500,105	226,022
Philippine Islands	18,577	597,266	20,901,310	15,294	491,701	223,227	22,300	716,967	25,093,845	22,387	719,771	325,301
Sarawak	730	23,481	821,835				598	19,214	672,490			
Siam	322	10,353	362,355									
Taiwan	[3] 1,294	41,608	1,456,280	[3] 402	12,936	5,873	1,294	[4] 41,608	1,456,280	402	[4] 12,936	5,846
Turkey				9,331	[10] 300,000	136,197				11,819	[10] 380,000	171,741
Total	80,003	2,572,162	90,025,670	602,780	19,379,841	8,798,254	88,019	2,829,892	99,046,220	638,838	20,539,116	9,282,654
Oceania:												
Australia:												
New South Wales	1,889	60,739	2,125,865	266,177	8,557,803	3,885,157	2,134	68,607	2,401,245	304,207	9,780,499	4,420,296
Northern Territory	240	7,705	269,675				359	11,563	404,705			
Queensland	3,769	121,174	4,241,090	95,923	3,084,008	1,400,109	3,959	127,281	4,454,835	101,553	3,264,994	1,475,614
South Australia	239	7,681	268,835	49	1,560	708	216	6,962	243,670	30	955	432

Tasmania	547	17,600	616,000	28,194	906,458	411,523	631	20,276	709,660	32,994	1,060,785	479,422
Victoria	3,544	113,940	3,987,900	248	7,964	3,616	4,535	145,799	5,102,965	169	5,443	2,460
West Australia	26,514	852,422	29,834,770	3,347	107,602	48,851	31,124	1,000,647	35,022,645	5,599	180,000	81,351
Fiji	527	16,943	593,005	37	1,190	540	775	24,917	872,095	108	3,472	1,569
New Guinea (Australian mandate)	6,998	[6] 225,000	7,875,000	2,938	94,454	42,881	6,754	[7] 217,152	7,600,320	5,073	[6 7] 163,100	73,713
Papua	644	20,720	725,200				689	22,158	775,530			
New Zealand	5,119	164,575	5,760,125	13,467	432,973	196,565	5,241	168,487	5,897,045	13,809	443,981	200,657
Total	50,030	1,608,499	56,297,465	410,380	13,194,012	5,989,950	56,417	1,813,849	63,484,715	463,542	14,903,229	6,735,514
Africa:												
Algeria				1,407	45,236	20,537				[4] 1,407	45,236	20,445
Bechuanaland	521	16,746	586,110	43	1,378	626	546	17,570	614,950	47	1,503	679
Belgian Congo	12,519	402,486	14,087,010	86,480	2,780,396	1,262,272	13,427	431,688	15,108,380	100,000	3,215,074	1,453,053
British West Africa (Gold Coast)	13,317	428,144	14,985,040				17,393	559,212	19,572,420			
Nigeria	1,038	33,364	1,167,740	4,759	153,000	69,461	823	26,466	926,310	3,176	102,120	46,153
Sierra Leone	1,181	37,966	1,328,810	48	1,537	698	1,111	35,717	1,250,095			
Egypt	9	315	11,025				38	1,222	42,770			
Eritrea	50	1,750	61,250				[4] 50	1,608	56,280			
Ethiopia (Abyssinia)	800	25,721	900,235				[4] 800	25,721	900,235			
French Equatorial Africa	687	22,088	773,080				668	21,477	751,695			
French West Africa	3,559	114,424	4,004,840				[7] 3,988	128,217	4,487,595			
Kamerun	343	11,028	385,980				442	14,211	497,385			
Kenya Colony	1,197	38,463	1,346,205	178	5,721	2,597	1,704	54,774	1,917,090	235	7,549	3,412
Madagascar	470	15,111	528,885				419	13,471	471,485			
Morocco				2,745	88,254	40,066				[4] 2,745	88,254	39,886
Nyasaland	1	30	1,050									
Portuguese East Africa	256	8,223	287,805	42	1,337	607	346	11,129	389,515	46	1,474	666
Rhodesia:												
Northern	139	4,452	155,820	7,127	229,151	104,032	132	4,228	147,980	2,608	83,861	37,901
Southern	24,792	797,061	27,897,135	4,512	145,072	65,861	25,014	804,220	28,147,700	4,729	152,038	68,714
Southwest Africa	125	4,007	140,245				86	2,750	96,250			
Sudan	239	7,659	268,065				230	7,388	258,580			
Swaziland	9	275	9,625				75	2,410	84,350			
Tanganyika	2,167	69,675	2,438,625	289	9,302	4,223	2,341	75,278	2,634,730	334	10,732	4,850
Transvaal, Cape Colony, and Natal	352,596	11,336,214	396,767,490	33,455	1,075,626	488,323	364,986	11,734,575	410,710,125	34,234	1,100,641	497,435
Tunis				1,339	43,050	19,544				[4] 1,339	43,050	19,456
Uganda	412	13,231	463,085	29	924	420	527	16,947	593,145	43	1,379	623
Total	416,427	13,388,433	468,595,155	142,453	4,579,984	2,079,267	435,146	13,990,259	489,659,065	150,943	4,852,911	2,193,273
Total for world	1,024,255	32,930,554	1,152,569,390	7,890,824	253,695,856	115,175,382	1,080,537	34,740,055	1,215,901,925	8,518,422	273,873,598	123,777,173

[1] Average price per fine ounce in New York.
[2] Estimate based on imports of ore and bullion into United States and Great Britain and interrogatory data.
[3] Estimate based on other years' production.
[4] Prior years' figures.
[5] Fiscal year ended June 30.
[6] Conjectural.
[7] Amount exported.
[8] Including production for Portugal.
[9] Incomplete.
[10] Data from the 1937 Year Book of the American Bureau of Metal Statistics.

Production of gold and silver in the world since the discovery of America

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint]

Period	Gold				Silver				Percentage of production			
	Annual average for period		Total for period		Annual average for period		Total for period		By weight		By value	
	Fine ounces	Value	Fine ounces	Value [1]	Fine ounces	Commercial value [1]	Fine ounces	Commercial value [2]	Gold	Silver	Gold	Silver
1493–1520	186,470	$3,855,000	5,221,160	$107,931,000	1,511,050	$2,085,249	42,309,400	$58,386,972	11.0	89.0	64.9	35.1
1521–1544	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6	54.3	45.7
1545–1560	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3	29.1	70.9
1561–1580	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,237.916	192,578,500	265,758,330	2.2	97.8	25.5	74.5
1581–1600	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3	20.9	79.1
1601–1620	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	271,924,700	375,256,086	2.0	98.0	23.2	76.8
1621–1640	266,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253.084,800	349,257,024	2.1	97.9	24.0	76.0
1641–1660	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,5[illegible]0,900	325,032,642	2.3	97.7	26.4	73.6
1661–1680	297,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	299,033,580	2.7	97.3	29.2	70.8
1681–1700	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841.700	303.381,546	3.1	96.9	32.0	68.0
1701–1720	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,392	228,650,800	310,667,842	3.5	96.5	35.4	64.6
1721–1740	613,422	12,681,000	12,268,440	253,611,000	13,863,080	18,988,261	277,261,600	379,765,214	4.2	95.8	40.0	60.0
1741–1760	791,211	16,356,000	15,824,230	327,116,000	17,140,612	24,032,852	342,812,235	480.657,035	4.4	95.6	40.5	59.5
1761–1780	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,868	419,711,820	589,317,366	3.1	96.9	31.8	68.2
1781–1800	571,948	11,823,000	11,438,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0	23.4	76.6
1801–1810	571,563	11,815,000	5,715,627	118,152,000	28,746,922	38,070,986	287,469,225	380,709,861	1.9	98.1	23.7	76.3
1811–1820	367,957	7,606,000	3,679,568	76,063,000	17,385,755	23,204,768	173,857,555	232,047,679	2.1	97.9	24.7	75.3
1821–1830	457,044	9,448,000	4,570,444	94,479,000	14,807,004	19,373,780	148,070,040	193,737,801	3.0	97.0	32 8	67.2
1831–1840	652,291	13,484,000	6,522,913	134,841,000	19,175,867	25,160,656	191,758,675	251,606,557	3.3	96.7	34.9	65.1
1841–1850	1,760,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,444	250,903,422	327,554,443	6.6	93.4	52.3	47.4
1851–1855	6,410,324	132,513,000	32,051,621	662,566,000	28,488,597	38,191,813	142,442,986	190,959,067	18.4	81.6	77.6	22.4
1856–1860	6,486,262	134,083,000	32,431,312	670,415,000	29,095,428	39,296,285	145,477,142	196,481,427	18.2	81.8	77.4	22.6
1861–1865	5,949,582	122,989,000	29,747,913	614,944,000	35,401,972	47,488,205	177,009,862	237,441,028	14.4	85.6	72.2	27.8
1866–1870	6,270,086	129,614,000	31,350,430	648,071,000	43,051,583	57,224,164	215,257,914	286,120,819	12.7	87.3	69.3	30.7
1871–1875	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9	58.5	41.5
1876–1880	5,543,110	114,586,000	27,715,550	572,931,000	78,775,602	91,198,514	393,878,009	455,992,571	6.6	93.4	55.6	44.4
1881–1885	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0	49.2	50.8
1886–1890	5,461,282	112,895,000	27,306,411	564,474,000	108,911,431	106,624,291	544,557,155	533,121,454	4.8	95.2	51.4	48.6
1891–1895	7,882,565	162,947,000	39,412,823	814,736,000	157,581,331	123,811,652	787,906,656	619,058,259	4.8	95.2	56.8	43.2
1896–1900	12,446,939	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0	71.5	28.5
1901–1905	15,606,730	322,619,800	78,033,650	1,613,099,100	167,995,408	95,942,178	839,977,042	479,710,888	8.5	91.5	77.1	22.9
1906			19,471,080	402,503,000			165,054,497	111,723,738	10.5	89.5	78.3	21.7
1907			19,977,260	412,966,600			184,206,984	121,856,604	9.8	90.2	77.2	22.8
1908			21,422,244	442,837,000			203,131,404	108,654,988	9.5	90.5	80.3	19.7
1909			21,965,111	454,059,100			212,149,023	110,351,436	9.4	90.6	80.5	19.5
1910			22,022,180	455,239,100			221,715,673	119,897,184	9.0	91.0	79.2	20.8

1911			22,397,136	462,989,761			226,192,923	121,981,319	9.0	91.0	79.2	20.8
1912			22,605,068	467,288,203			230,904,241	141,936,837	8.9	91.1	76.7	23.3
1913			22,556,347	466,284,303			210,013,423	126,969,915	9.7	90.3	78.6	21.4
1914			21,652,883	447,608,337			172,263,596	95,282,440	11.2	88.8	82.4	17.6
1915			22,846,608	472,283,884			173,000,507	88,337,519	11.7	88.3	84.2	15.8
1916			22,032,542	455,455,670			180,801,919	121,410,297	10.9	89.1	79.0	21.0
1917			20,346,043	420,592,147			186,125,017	156,345,014	9.9	90.1	72.9	27.1
1918			18,588,127	384,251,378			203,159,431	200,000,302	8.4	91.6	65.8	34.2
1919			17,339,679	358,443,791			179,849,940	201,588,402	8.8	91.2	64.0	36.0
1920			16,146,830	333,784,924			173,296,382	176,658,332	8.5	91.5	65.4	34.6
1921			15,997,692	330,702,190			171,285,542	108,074,326	8.5	91.5	75.4	24.6
1922			15,496,859	320,349,102			209,815,448	158,207,142	6.9	93.1	66.9	33.1
1923			17,845,349	368,896,948			246,009,534	172,275,556	6.8	93.2	68.2	31.8
1924			18,619,481	384,899,578			239,484,703	178,310,730	7.2	92.8	68.3	31.7
1925			18,673,178	384,009,921			245,213,993	172,498,235	7.1	92.9	69.0	31.0
1926			19,117,568	395,198,984			253,795,166	159,568,635	7.0	93.0	71.2	28.8
1927			19,058,736	393,979,954			253,981,085	144,947,005	7.0	93.0	73.1	26.9
1928			18,885,849	390,386,574			257,925,154	151,213,780	6.8	93.2	72.1	27.9
1929			19,207,452	397,153,303			260,970,029	139,960,836	6.9	93.1	73.9	26.1
1930			20,903,736	432,118,638			248,708,426	96,309,849	7.8	92.2	81.8	18.2
1931			22,284,290	460,650,527			195,919,987	56,842,265	10.2	89.8	89.0	11.0
1932			24,098,676	498,163,970			164,892,802	46,506,363	12.8	87.2	91.5	8.5
1933			25,400,295	525,070,547			169,159,054	59,200,666	13.1	86.9	89.9	10.1
1934			27,372,374	958,033,090			190,398,156	91,929,942	12.6	87.4	91.2	8.8
1935			29,999,245	1,049,973,580			220,704,231	142,535,205	12.0	88.0	88.0	12.0
1936			32,930,554	1,152,569,390			253,695,856	115,175,382	11.5	88.5	90.9	9.1
1937			34,740,055	1,215,901,925			273,873,598	123,777,173	11.3	88.7	90.8	9.2
Total			1,256,992,826	27,774,074,919			16,446,205,815	15,137,077,346	7.1	92.9	64.7	35.3

[1] Valued, prior to 1934, at $20.67+ per fine ounce; 1934 and thereafter, at $35 per fine ounce.

[2] Valued, prior to 1701, at $1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1937, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

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INGOTS:
BRONZE
NICKEL
BRONZE STRIP
COPPER-NICKEL CLAD STRIP

RECEIPT AND DELIVERY OF BULLION

7-1-72 — 6-30-74

33 Lines/pg

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

Fiscal '73 →

RECEIPT AND DELIVERY OF BULLION

Reported DATE 1972	MELT DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper %	Dec.	RECEIVED Nickel %	Zinc	DELIVERED Mn	Zinc	Dec.
7/13	72- 277 M: 146	Olin Corp	.1¢	94 62		Ni 94	64	Low	94	59
✓	147	✓	✓	51			64			38
✓	148	✓	✓	95 01		95	04			97
✓	150	✓	✓	94 75		94	77			72
✓	151	✓	✓	53			55			50
✓	152	✓	✓	56			58			53
✓	153	✓	✓	53			53			53
✓	72- 277 M: 154	✓	✓	94 76		94	77		94	75
7/17	72- 592 F -2	Olin Corp	5 Centavo	60 37	VXQ 60.56	VXQ = 39.67				
✓	-5	✓	✓	60 51	60.59	= 39.54				
7/17	71- 347 M: -6	Olin Corp	10¢	91 03		VXQ = 8.50	0.03	0.10	8.52	
✓	-7	✓	✓	02		✓ .63	.03	.11	.63	
✓	-13	✓	✓	22		✓ .31	.04	.14	.30	
✓	-40	✓	✓	50		✓ .15	.03	.09	.13	
✓	-41	✓	✓	00		✓ .37	.04	.12	.35	
✓	-42	✓	✓	91 29		✓ 8.19	0.03	0.12	8.21	
7/17	100	Denver Bronze	Ingot	94 58	Ing	-	-	Thin =		0.011
✓	245	✓	✓	89	✓	-	-			.006
✓	315	✓	✓	97	✓	-	-			.009
✓	390	✓	✓	86	✓	-	-			.010
✓	455	✓	✓	95 20	✓	-	-			0.018
7/19	72- 201 M: -1	Olin Corp	50¢	91 48		VXQ = 8.11	0.04	0.17	8.07	
✓	-2	✓	✓	36		.25	.04	.16	.23	
✓	-14	✓	✓	34		.38	.02	.12	.38	
✓	-21	✓	✓	25		.49	.04	.13	.46	
✓	-22	✓	✓	91 34		8.41	0.04	0.13	8.36	
7/21	72- 592 F	Olin Corp	5 Centavo	60 41	VXQ 60.44	VXQ = 39.56				
7/21	72- 277 M: 149	Olin Corp	1¢	94 71		Ni 94	.75	Low	94	67
✓	156	✓	✓	58			59			57
✓	157	✓	✓	78			78			78
✓	158	✓	✓	92			94			89
✓	159	✓	✓	66			66			66
✓	160	✓	✓	94 67		94	68		94	65

RECEIPT AND DELIVERY OF BULLION

Reported DATE 1972	Melt DRAFTS #	DESCRIPTION	Dore	GROSS WEIGHT Copper %	OUNCES	DEC.	RECEIVED Nickel %	OUNCES	DEC.	DELIVERED OUNCES		DEC.
7/21	72-277M: 161	Olin Corp	14	94	46		Ni	94	49	Low	94	44
✓	162	✓	✓		75				77			72
✓	163	✓	✓		82				84			79
✓	164	✓	✓		66				67			64
✓	165	✓	✓		76				78			74
✓	166	✓	✓		67				68			65
✓	167	✓	✓		72				74			70
✓	169	✓	✓		56				65			47
✓	178	✓	✓	94	51			94	54		94	48
7/24	525	Denver Bronze	Ingot	94	97	I	Fe =	0.016				
✓	570	✓	✓	95	06			.021				
✓	610	✓	✓	94	98			.013				
✓	705	✓	✓	95	03			.024				
✓	790	✓	✓	95	12			0.022				
7/25	71-347M -39	Olin Corp	104	91	51		Ni Q	8.21	0.04	0.11	8.17	
✓	72-401MD -23	✓	104	91	31		Ni Q	8.33	0.04	0.13	8.34	
7/25	72-201M -26	Olin Corp	50¢	91	25		Ni Q	8.43	0.04	0.12	8.42	
✓	-27		✓	91	41			8.34	0.02	0.14	8.36	
7/28	72-277M -140	Olin Corp	14	94	75		Ni	94	78	Low	94	72
✓	141	✓	-		64				72			55
✓	142	✓	-		76				88			63
✓	143	✓	-		69				69			68
✓	144	✓	-		51				52			49
✓	145	✓	-		47				47			46
✓	155	✓	-		69				71			66
✓	168	✓	-		63				66			60
✓	170	✓	-		68				73			63
✓	171	✓	-		56				56			55
✓	172	✓	-		54				59			49
✓	173	✓	-		69				79			58
✓	174	✓	-		53				53			52
✓	175	✓	-		74				75			73
✓	176	✓	-	94	82			94	87		94	77

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Dem.	GROSS WEIGHT Ounces	Dec.	RECEIVED Nickel	Zn	DELIVERED Mn	Mg	Dec.
7/28	72-277M: -177	Olin Corp	1¢	94 60		Ni 94 62		Low	94.57	
✓	179	✓	✓	94 55		94 55			94.55	
7/31	840	Denver Bronze	Ingot	94 74		Mn = 0.005				
✓	920	✓	✓	73		✓ .005				
✓	985	✓	✓	71		✓ .005				
✓	1055	✓	✓	95 05		✓ .006				
✓	1135	✓	✓	95 04		✓ = 0.007				
8/2	72-458M -20	Anaconda	5¢	74 27		Ni x Q = 24.71	-.--	-.--	24.57	
8/2	72-201M -13	Olin Corp	50¢	91 24		Ni x Q = 8.34	0.02	0.12	8.40	
✓	15	✓	✓	25		.31	.01	.13	.36	
✓	20	✓	✓	33		.32	.03	.11	.32	
✓	23	✓	✓	29		.27	.04	.12	.31	
✓	24	✓	✓	37		.39	.03	.14	.41	
✓	25	✓	✓	91 37		8.34	0.03	0.14	8.37	
8/3	72-626M -1	Chase Brass	1¢	94 64		Ni 94 64		Low	94	63
✓	-2	✓	✓	94 62		94 66			94	57
8/3	72-561M -1	Olin Corp	1¢	94 70		Ni 94 72		Low	94	68
✓	-2	✓	✓	67		68				65
✓	-3	✓	✓	67		67				66
✓	-4	✓	✓	94 73		94 74			94	71
8/3	72-592F: -1	Olin Corp	5 Centavos	60 48	60.57	Ni x Q = 39.26				
✓	-3	✓	✓	57	60.58	✓ = .21				
✓	-7	✓	✓	60 00	60.04	✓ = 39.88				
8/4	72-401M -1	Olin Corp	1¢	91 55		Ni x Q = 8.34	0.03	0.14	8.42	
✓	-5	✓	✓	43		.29	.04	.13	.34	
✓	-13	✓	✓	35		.32	.03	.15	.39	
✓	-43	✓	✓	91 26		8.42	0.03	0.15	8.49	
8/7	1	Bronze Medals		89 22			10.73			
✓	2	✓		51			.48			
✓	3	✓		64			.35			
✓	4	✓		57			.42			
✓	5	✓		63			.36			
✓	6	✓		74			.25			

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	DEC.	RECEIVED Market	DEC. ZN	DELIVERED Mkt	#MG OUNCES	DEC.
8/7	7	Bronze Medals		89	92		10.07			
✓	8	✓			54		.45			
✓	9	✓			58		.41			
✓	10	✓			74		.15			
✓	11	✓			80		.19			
✓	12	✓			70		.29			
✓	13	✓		89	76		10.23			
8/9	1190	Bronze Ingots	Ingots	95	43	Phos=0.010		Low		
✓	1260	✓	✓		13	✓ = .010				
✓	1330	✓	✓		09	✓ = .010				
✓	1385	✓	✓		12	✓ = .010				
✓	1455	✓	✓	95	15	✓ = 0.010				
8/9	72-341M -68	Olin Corp	10¢	91	16	VXQ 8.34	0.04	N.R.	8.36	
✓	-72	✓	✓	91	22	✓ 8.40	0.04	----	8.50	
8/9	72-401M -12	Olin Corp	100	91	38	VXQ 8.31	0.03	----	8.36	
✓	-15	✓	✓	91	41	✓ 8.35	0.05	----	8.36	
8/9	72-401MD -25	Olin Corp	10¢	91	24	VXQ 8.29	0.03	----	8.38	
8/9	72-626M -3	Chase Brass	1¢	94	64	Hi 94	65	Low	94	63
8/9	72-201M -8	Olin Corp	50¢	91	25	VXQ= 8.24	0.04	N.R.	8.33	
✓	9	✓	✓		05	✓ .17	.03	—	.62	
✓	10	✓	✓		36	✓ .29	.03	—	.28	
✓	11	✓	✓		44	✓ .32	.04	—	.38	
✓	12	✓	✓		33	✓ .30	.04	—	.36	
✓	-36	✓	✓		42	✓ .28	.03	—	.36	
✓	37	✓	✓		33	✓ .34	.03	—	.40	
✓	38	✓	✓		38	✓ .31	.03	—	.36	
✓	40	✓	✓	91	28	✓ 8.23	0.02	—	8.26	
8/11	72-561M -5	Olin Corp	1¢	94	77	Hi 94	78	Low	94	76
✓	7	✓	✓		75		81			69
✓	8	✓	✓		40		40			40
✓	9	✓	✓		64		69			59
✓	10	✓	✓		69		69			68
✓	11	✓	✓	94	70	94	78		94	61

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED NICKEL OUNCES	RECEIVED NICKEL DEC.	RECEIVED ZINC	DELIVERED	DELIVERED OUNCES	DELIVERED DEC.
8/11	72-561M -12	Olin Corp	1¢	94	52	Hi	94	56	Low	94	47
✓	13	✓	✓		72			78			65
✓	14	✓	✓		48			51			45
✓	17	✓	✓	94	47		94	48		94	45
8/14	72-347M -64	Olin Corp	10¢	91	28	Wtd =	8.27	0.04	0.11	8.56	
✓	65	✓	✓		14		.29	.04	.12	.41	
✓	73	✓	✓	91	28		8.20	0.04	0.11	8.27	
8/15	1515	Bronze ~~Dump Slugs~~	Ingots	94	82	Wtd =	0.010				
✓	1585	✓			84		.007				
✓	1655	✓			87		.004				
✓	1710	✓			82		.012				
✓	1790	✓		94	77		0.001				
8/15	72-401M -14	Olin Corp	1¢	91	33	Wtd =	8.23	0.03	0.10	8.39	
✓	-17	✓	✓	91	18	✓	8.35	0.03	0.11	8.44	
8/15	72-201M -39	Olin Corp	50¢	91	51	Wtd =	8.28	0.04	0.09	8.32	
✓	42	✓	✓		45		.18	.04	.09	.26	
✓	43	✓	✓		37		.29	.03	.09	.36	
✓	45	✓	✓	91	37		8.32	0.04	0.09	8.38	
8/17	72-626M -5	Chase Brass	1¢	94	87	Hi	94	89	Low	94	85
✓	-7	✓	✓	94	78		94	86		94	70
8/17	72-561M -6	Olin Corp	1¢	94	59	Hi	94	62	Low	94	56
✓	-16	✓	✓		39			45			36
✓	18	✓	✓		63			67			58
✓	19	✓	✓	95	07		95	12		95	01
✓	20	✓	✓	94	66		94	70		94	61
8/18	72-201M -50	Olin Corp	50¢ cut	91	48	Wtd	8.28	0.04	0.13	.070	87-89
8/18	72-401MB -8	Olin Corp	1¢ cuts	91	44	Wtd	8.25	0.01	0.14	.041	84-88
✓	9	✓	✓		45		.30	.04	.13	.041	86-87
✓	15	✓	✓		44		.38	.04	.13	.040	86-89
✓	19	✓	✓	91	22		8.32	0.02	0.14	.041	86-87
8/18	72-201M -7	Olin Corp	50¢	91	07	Wtd =	8.35	0.02	0.11	8.38	
✓	41	✓	✓		11		.37	.05	.09	.46	
✓	48	✓	✓	91	20		8.22	0.04	0.10	8.30	

1st cuts Pymtd

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper Ounces	Dec.	RECEIVED Nickel Ounces	Dec.	Zn	DELIVERED Mn	Mg	Dec.	
8/18	72-201M: 52	Olin Corp	504	90	84	VXQ= 8.20	0.04		0.10	8.22		
✓	53	✓	✓	91	37	.23	.05		.09	.27		
✓	55	✓	✓	91	30	8.23	0.04		0.10	8.28		
8/21	72-401M 22	Olin Corp	cuts 100	91	10	VXQ 8.54	0.04		0.12	.090	115	85-89
✓	23	✓	✓		17	.42	.05		.10	.089		87-89
✓	24	✓	✓		29	.48	.03		.10	.090		87-88
✓	27	✓	✓	91	25	8.45	0.05		0.11	.090		88-89
8/23	72-561M- 15	Olin Corp	cuts 14	94	80	Hi 9491	Low		9469	.049-.050		88-89
✓	25	✓	✓		61	.75			.46	.050		"
✓	26	✓	✓		74	.80			.67	.051		77
✓	27	✓	✓		70	.75			.65	.051		76-77
✓	28	✓	✓		74	.74			.74	.051		"
✓	29	✓	✓		63	.70			.55	.050		75-77
✓	30	✓	✓		64	.65			.63	.041		88-89
✓	31	✓	✓		68	.71			.65	.040		"
✓	32	✓	✓		66	.66			.65	.050		88
✓	33	✓	✓		60	.65			.55	.050		87-89
✓	34	✓	✓	94	54	94.67			94.40	.040		88-89
8/23	72-401M B -1	Olin Corp	cuts 104	91	34	VXQ 8.31	0.04		0.14	.041		86-87
✓	2	✓	✓		24	.30	.06		.13	"		84-85
✓	3	✓	✓		38	.28	.04		.14	.041½		65-66
✓	4	✓	✓		31	.35	.02		.14	.041		65-67
✓	5	✓	✓		59	.43	.03		.12	"		67
✓	6	✓	✓		63	.51	.03		.12	"		62-65
✓	7	✓	✓	91	40	8.29	0.04		0.14	.041½		77-78
✓	10	✓	✓		28	.56	.04		.13	.041		86-87
✓	21	✓	✓		39	.42	.02		.14	"		87-89
✓	22	✓	✓		47	.42	.04		.13	"		79-86
✓	24	✓	✓		44	.40	.02		.13	"		86-88
✓	26	✓	✓	91	27	8.46	0.02		0.12	.041+		85-87
8/25	72-401M -16	Olin Corp	cuts 100	91	44	VXQ= 8.41	0.03		0.13	.090		86-87
✓	18	✓	✓		25	.36	.03		.13	.089-.090		86-88
✓	19	✓	✓	91	37	8.38	0.04		0.11	"		87

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper Ounces	Dec.	RECEIVED Nickel Ounces	Dec.	Zinc	DELIVERED Manganese Ounces	Dec.	
8/25	72-401M -20	Olin Corp	cuts 10¢	91 36		VxQ = 8.39	0.04		0.11	.089+	87
✓	-21	✓	✓	24		.50	.03		.13	"	87-88
✓	-44	✓	✓	91 30		8.38	0.04		0.12	.089-.090	87-89
8/25	72-626M -4	Chase Brass	14	94 80		Hi 94	81		Low 94		79
8/25	72-561M -22	Olin Corp	14	94 89		Hi 94	89		Low 94		88
✓	-23	✓	✓	94 80		94	88		94		72
8/28	72-201M -6	Olin Corp	cuts 50¢	91 34		VxQ = 8.45	0.04		0.12	.068-.069	86-87
✓	16	✓	✓	34		.42	.05		.12	"	85-87
✓	17	✓	✓	30		.39	.03		.11	"	87
✓	18	✓	✓	19		.23	.02		.10	.069+	85-88
✓	44	✓	✓	35		.23	.04		.10	"	88
✓	46	✓	✓	40		.28	.05		.10	"	87
✓	47	✓	✓	91 32		8.32	0.04		0.12	.068-.069	85-88
✓	49	✓	✓	28		.22	.04		.11	.069+	86-87
✓	57	✓	✓	31		.32	.03		.13	"	84-87
✓	59	✓	✓	26		.29	.06		.11	"	87
✓	60	✓	✓	37		.30	.04		.11	"	86-87
✓	61	✓	✓	45		.32	.04		.11	"	87-88
✓	65	✓	✓	91 29		8.34	0.05		0.13	.069	87
8/28	72-501M -21	Olin Corp	cuts 14	94 46		Hi 94.50	Low		94.42	.039-.040	76+
✓	24	✓	✓	94 57		94.58			94.56	.039-.041	76+
8/29	2230	Denver Bronze Ingots		95 04		Diff = 0.007					
✓	2290	✓		01		.004					
✓	2350	✓		94 90		.002					
✓	2420	✓		97		.003					
✓	2480	✓		95 01		0.013					
8/29	72-201M -62	Olin Corp	cuts 50¢	91 54		VxQ = 8.29	0.03		0.12	.069+	86-87
	-63	✓	✓	37		.30	.07		.13	.068-.069	86
	-64	✓	✓	91 44		8.32	0.04		0.12	"	86-87
8/29	72-201M -57	Olin Corp	50¢	91 39		VxQ = 8.27	0.05		0.11	—	—
	-54	✓	✓	31		.36	.05		.13	—	—
	-56	✓	✓	24		.31	.05		.11	—	—
	-58	✓	✓	91 34		8.37	0.05		0.13	—	—

RECEIPT AND DELIVERY OF BULLION

DATE 1972:	Melt DRAFTS #	DESCRIPTION	Memo	GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Precious OUNCES	RECEIVED Precious DEC.	RECEIVED ZN	DELIVERED MN OUNCES	DELIVERED MN DEC.	DELIVERED DMG DEC.
8/30	72-347M -10	Olin Corp	10¢	91	40	VXQ= 8.38	.07		0.11	—	—
✓	11	✓	✓		45	.36	.06		.13	—	—
✓	-70	✓	✓	91	44	8.35	.04		0.13	—	—
8/31	72-458M -19	Anaconda	cuts 54	74	55	VXQ= 24.72	---		---	.063-.065	88
✓	21	✓	✓		53	.69	---		---	"	91
✓	22	✓	✓		84	.64	---		---	"	89
✓	23	✓	✓		55	.75	---		---	.063-.064	88-90
✓	24	✓	✓	74	76	24.80	---		---	.063-.065	88-89
8/31	72-347M -74	Olin Corp	10¢	91	55	VXQ 8.33	0.07		0.12	—	—
8/31	72-401MD 10	Olin Corp	cuts 10¢	91	42	VXQ 8.06	0.03		0.11	.041+	84½
✓	11	✓	✓		45	.12	.03		.11	"	84¾
✓	12	✓	✓		42	.09	.03		.12	.044	85
✓	14	✓	✓		46	.17	.04		.10	.041+	85
✓	16	✓	✓		46	.33	.04		.12	"	84¾
✓	17	✓	✓		17	.41	.03		.11	"	85¾
✓	18	✓	✓	91	31	8.36	0.05		0.11	"	84½
✓	27	✓	✓	91	28	VXQ= 8.47	0.03		0.12	.041	85+
✓	28	✓	✓		34	.41	.03		.12	"	85½
✓	29	✓	✓		34	.41	.01		.13	"	85
✓	30	✓	✓	91	31	8.41	0.04		0.12	"	85¼
9/1	72-401M 2	Olin Corp	cuts 10¢	91	24	VXQ= 8.43	0.03		0.14	.089-.090	86½-87
✓	3	✓	✓		47	.23	.06		.10	.088-.090	86
✓	4	✓	✓		46	.30	.03		.11	"	85-86½
✓	42	✓	✓		46	.35	.04		.12	.089-.090	85-87
✓	55	✓	✓		27	.39	.05		.11	.089+	86
✓	59	✓	✓		99	.30	.05		.11	.088-.089	84-86
✓	61	✓	✓		19	.45	.05		.13	"	86-87
✓	62	✓	✓	91	36	8.24	0.04		0.13	"	85-87
9/1	72-201M R 1	Olin Corp	cuts 25¢	91	36	VXQ= 8.35	0.04		0.11	.053-.054	82-85
✓	2		✓		40	.31	.05		.12	.054-.055	83-85
✓	4		✓		58	.23	.05		.11	.053-.054	85-86
✓	7		✓		35	.32	.04		.12	"	"
✓	8		✓	91	49	8.32	0.05		0.11	"	84-85½

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1972	Melt DRAFTS #	DESCRIPTION	Remelt	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.		DELIVERED Ounces	Dec.	
9/1	71-347M -9	Olin Corp	cut 10¢	9157		VxQ= 8.19	0.04		0.12	.1040-.1041	84-85
9/5	72-592P -6	Olin Corp	cut 5 Cartons	6065		VxQ= 39.07	- -		- - -	.1042-.1044	87
9/5	72-201M 28	Olin Corp	cut 50¢	9142		VxQ= 8.37	0.03		0.12	.1068-.1070	86-87
✓	29	✓	✓	44		.35	.04		.12	"	85-86
✓	30	✓	✓	52		.32	.03		.11	.1069+	85-87
✓	31	✓	✓	53		.31	.03		.12	.1068-.1069	86½-87
✓	32	✓	✓	67		.32	.03		.12	"	85-87
✓	33	✓	✓	61		.31	.03		.12	.1068-.1070	86-87
✓	34	✓	✓	55		.16	.03		.12	"	86-87½
✓	35	✓	✓	9141		8.28	0.04		0.12	.1068-.1069	86-87
9/5	72-626M 6	Chase Brass	cut 14	9466		Zc 9491	Low		9451	.1048-.1053	79½
✓	8	✓	✓	77		.83 83			.71	.1048-.1054	88-89
✓	9	✓	✓	9470		9483 77			9462	.1049-.1052	77-78½
9/5	72-561M -35	Olin Corp	cut 14	9480		Zc 9486	Low		9474	.1049-.1051	76
✓	-36	✓	✓	9487		9492			9482	"	75
9/6	2590	Dimon Bemis	Impt	9501		Plus= 0.004					
✓	2645	✓	✓	03		.006					
✓	2715	✓	✓	9497		.005					
✓	2785	✓	✓	9499		0.005					
9/6	72-201M 66	Olin Corp	cut 50¢	9143		VxQ= 8.47	0.07		0.11	.1069+	T 87½
✓	67	✓	✓	9151		8.28	0.05		0.10	.1068-.1069	87
9/7	72-561M 51	Olin Corp	cut 14	9466		Box #5 Rec'd To Army Bill Boston					
9/7	72-201M 68	Olin Corp	cut 50¢	9139		VxQ= 8.41	0.05		0.10	.1068-.1070	T 86
✓	69	✓	✓	34		.55	.05		.10	.1068-.1069	86½
✓	70	✓	✓	24		.51	.08		.12	.1068+	86
✓	71	✓	✓	9140		8.36	0.09		0.11	"	87
9/7	72-561M -37	Olin Corp	cut 14	9482		Zc 9485	Low		9479	.1049+	B 75
✓	38	✓	✓	73		.80			.65	.1049-.1052	75½
✓	39	✓	✓	62		.62			.62	.1049-.1050	76
✓	40	✓	✓	9469		9471			9466	.1049-.1051	76½
9/8	72-201M 72		cut 50¢	9130		VxQ= 8.47	0.09		0.10	.1068-69	T 87
✓	73		✓	42		.42	.05		.10	.1069+	86½
✓	74		✓	9163		8.17	0.05		0.10	.1068-69	87½

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Remo	GROSS WEIGHT c/o Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED c/o Nickel OUNCES	RECEIVED ZN DEC.	DELIVERED c/o OUNCES	DELIVERED DMS etc	DELIVERED etc DEC.
9/8	72-201M 75	Olin Corp	cut 50¢	91 53		VXQ= 8.33	0.07	0.10	.068-69	T 88
✓	76	✓	✓	91 53		8.35	0.04	0.11	"	"
9/8	72-626M 10	Chase Brass	cut 14	94 61		Hi 9464	Low	94.58	.048-54	B 79½
✓	11	✓	✓	80		.85		.77	.050-51	79
✓	12	✓	✓	64		.73		.54	.049-52	78
✓	13	✓	✓	94 66		94.73		94.59	.048-51	79½
9/8	72-592F 8	Olin Corp	cut 50¢ on 100	60 94		VXQ= 38.95	---	---	.042-44	B 85½
✓	9	✓	✓	94		.94	---	---	.041-44	86½
✓	10	✓	✓	76		39.05	---	---	.042-43	84
✓	11	✓	✓	60 84		39.05	---	---	.041-44	87
9/11	2830	Denver Bronze Mfg.		95 02		Thus= 0.014			-	-
✓	2910	✓	✓	02		.014			-	-
✓	2980	✓	✓	00		.013			-	-
✓	3060	✓	✓	95 04		0.011			-	-
9/12	72-592F 12	Olin Corp	cut 50¢ on 100	60 47		VXQ= 39.35			.041-43	B 86½
✓	13	✓	✓	61 11		38.68			.043-44	83½
✓	14	✓	✓	60 49		39.35			.042-43	83½
✓	15	✓	✓	45		.38			"	86
✓	16	✓	✓	60 72		39.18			"	87
9/12	72-201M -77	Olin Corp	cut 50¢	91 61		VXQ= 8.03	0.13	0.09	.068+	T 88
✓	-78	✓	✓	43		.26	.07	.08	"	86
✓	-79	✓	✓	91 37		8.35	0.07	0.10	.069	"
9/12	72-401MH 1	Olin Corp	cut 50¢	91 54		VXQ= 8.25	0.08	0.09	.068-69	T 88
✓	2	✓	✓	61		.21	.06	.10	"	87½
✓	3	✓	✓	91 60		8.24	.06	0.10	"	87½
9/13	72-401MH 4	Olin Corp	cut 50¢	91 35		VXQ= 8.41	0.11	0.10	.068-69	87
✓	5	✓	✓	28		.52	.06	.11	.068	"
✓	6	✓	✓	32		.46	.07	.11	"	"
✓	7	✓	✓	43		.35	.08	.10	.068-69	87
✓	10	✓	✓	43		.36	.06	.10	.068	"
✓	11	✓	✓	91 34		8.49	0.06	0.11	.068-69	87
9/14	72-401MH 8	Olin Corp	50¢	91 43		VXQ= 8.41	0.06	0.09	.068-69	86½
✓	9	✓		71 45		8.40	0.07	0.09	.068	86

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT 8/10 Ounces	Dec.	RECEIVED 8/10 Ounces	Dec.		DELIVERED 8/10 Ounces	Tons	Dec.
			Demo	Copper		Packet	ZN				
9/15	73-109M-1	Anaconda Brass	cut 1 Peso	6997		VxQ = 12.05	18.01		- -	1073-75	86
9/18	72-561M 41	Olin Corp	cut 14	9447		24 9448	Low		94.44	1049-51	B 76½
✓	42	✓	✓	65		.71			.61	1048-50	75½
✓	43	✓	✓	53		.56			.49	1049-50	78
✓	44	✓	✓	47		.48			.45	1048-49	76½
✓	45	✓	✓	59		.67			.50	1048-50	76
✓	46	✓	✓	50		.67			.36	1049-50	76
✓	47	✓	✓	65		.67			.62	"	76
✓	48	✓	✓	43		.47			.38	1050-51	75½
✓	49	✓	✓	57		.68			.46	1049-50	77
✓	50	✓	✓	9475		9468			94.68	"	76
✓	51	✓	✓	9456		94.59			9.53	"	76
✓	52	✓	✓	9589		95.89			95.88	"	76½
✓	53	✓	✓	9490		94.97			94.82	"	75½
✓	54	✓	✓	67		.71			.63	.049	75½
✓	55	✓	✓	68		.70			.65	1049-50	76
✓	56	✓	✓	81		.90			.72	"	76½
✓	57	✓	✓	45		.47			.42	"	77
✓	58	✓	✓	9545		95.53			95.37	.049+	76½
✓	59	✓	✓	9456		94.60			94.52	1049-50	76
9/18	~~72~~ 3150	Denver Bureau	Bureau Mint	9505		Tho = 0.005				-	-
✓	3230	✓	✓	9484		.005				-	-
✓	3310	✓	✓	9502		.007				-	-
✓	3390	✓	✓	07		.006				-	-
✓	3460	✓	✓	9506		0.007				-	-
9/18	72-201M 80	Olin Corp	cut 50¢	9145		VxQ = 8.36	0.08		0.10	1068-69	T 80
✓	81	✓	✓	9144		8.39	0.06		0.11	✓	81
9/19	72-401M 12	Olin Corp	cut 50¢	9126		VxQ = 8.39	0.06		0.10	1068-69	86½
✓	13	✓	✓	28		✓ .39	.07		.11	"	"
✓	14	✓	✓	9131		✓ 8.35	0.07		0.11	1068+	86½
9/20	73-109M 2	Anaconda Brass	cut 1 Peso	6967		VxQ = 12.03	18.08			1072-74	B 84½
9/20	72-56M 60	Olin Corp	cut 14	9477		24 9477	Low		94.77	1050+	B 77

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Dens	GROSS WEIGHT Troy OUNCES	Dec.	RECEIVED % Nickel	Dec.	DELIVERED % Nickel	% DMG OUNCES	Dec.
9/20	72-401MH 15	Olin Corp	504	91 26		8.46	0.09	0.10	.1068-69	86½
✓	16	✓	✓	22		.43	.09	.12	✓	86
✓	17	✓	✓	37		.45	.07	.11	✓	86½
✓	18	✓	✓	91 44		8.46	0.06	0.10	✓	87
9/21	3	Cupro Nickel Ingots		74 50		25 10				
✓	15	" " "		83		24 80				
✓	26	" " "		75 22		52				
✓	39	" " "		74 99		25 01				
9/22	46	" " "		74 95		25 04				
✓	48	" " "		99		24 83				
✓	59	" " "		91		99				
✓	72	" " "		86		83				
✓	86	" " "		76		87				
9/22	73-109 Mgs; 3	Anaconda Brass	Lot Piece	70 25		12.51	17/14		.1073 .075	87
9/25	72-626m 14	Chase Brass	Lot 14	94 64		Zn 94.69	Low	94.60	.048-49	87
✓	15	✓	✓	94 68		94.72		94.63	.049-50	87
9/25	96	Nickel Ingots	O.S.	75 25		24 62				
✓	109	✓	✓	06		71				
✓	119	✓	✓	74 99		84				
✓	132	✓	✓	74 87		24 90				
9/25	3595	Bronze Ingots	Id	94 87		Phos = 0.002				
✓	3680	✓	✓	95 37		✓ .022				
✓	3700	✓	✓	94 85		✓ 024				
✓	3730	✓	✓	95 03		✓ 0.008				
9/26	145	Nickel Ingots	O.S.	74 94		24 58				
✓	158	✓	✓	86		67				
✓	171	✓	✓	75 26		73				
✓	181	✓	✓	75 39		24 61				
9/27	197	Nickel Ingots	O.S.	75 14		24 68				
✓	210	✓	✓	74 91		74				
✓	223	✓	✓	75 62		31				
✓	236	✓	✓	74 90		24 91				

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Demo	GROSS WEIGHT Copper 90 OUNCES	DEC.	RECEIVED Nickel 90 OUNCES	DEC.	DELIVERED 90 OUNCES	DEC.
9/27	72-561M 61	Olin Corp	14	9468		Hi = 94.71	Low = 9464	.1049-50	B 76
✓	62	✓	✓	67		.72	.61	.1048-50	77
✓	63	✓	✓	88		.90	.86	.1049+	76½
✓	64	✓	✓	79		.79	.78	.1048-49	76½
✓	65	✓	✓	92		.94	.89	.1049-50	76
✓	66	✓	✓	9480		94.81	9478	"	"
9/28	251	Nickel Ingots	U.S	7513		2468			
✓	264	✓		06		60			
✓	275	✓		17		82			
✓	288	✓		7524		2475			
9/28	71-392M 13	Clad Metals Inc	cut 50¢	9100		VKQ 8.82	0.03	0.14	.1068-70 T 87
9/29	72-401M 9	Olin Corp	cut 50¢	9143		8.45	0.07	0.11	.1068+ T 86½
9/29	301	Nickel Ingots	U.S	7501		2490			
✓	314	✓ ✓	✓	7514		2472			
9/29	73-107M&S 4	Anaconda	cut 10¢	7064		VKQ 11.73	17.49	0.15	.1073-75 B 83½
9/29	73-100M 1	Olin Corp	cut 50¢	9147		VKQ 8.39	0.08	0.11	.1068-69 T 87
✓	2	✓	✓	45		.42	.10	.10	.1068+ 86½
✓	3	✓	✓	49		.50	.06	.11	✓ 87
✓	4	✓	✓	42		.51	.07	.13	.1068-69 87
✓	5	✓	✓	9131		8.44	0.09	0.11	✓ 87
9/29	73-100M 6	Olin Corp	50¢	9133		VKQ 8.57	0.11	0.11	.1068-69 T 87
✓	7	✓	✓	53		.43	.05	.13	.1068+ 86½
✓	8	✓	✓	30		.39	.05	.12	.1068-69 86½
✓	9	✓	✓	9141		8.36	0.06	0.12	.1068+ 87
10/2	3745	Bronze Ingot	US	9486		Hi = 0.008			
✓	3770	✓	✓	87		✓ .000			
✓	3797	✓	✓	9505		✓ .008			
✓	3810	✓	✓	9494		✓ .012			
✓	3900	✓	✓	9492		✓ 0.011			
10/3	72-561M 67	Olin Corp	cut 14	9465		Hi 94.65	Low 9465	.1049-50	78
✓	68	✓	✓	59		.62	.55	✓	77½
✓	69	✓	✓	74		.74	.73	✓	78
✓	70	✓	✓	9464		94.70	94.58	.049	78½

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Domestic	GROSS WEIGHT Oz Fine	Dec.	RECEIVED % Fine	Dec.	DELIVERED % Fine	Dec.
10/3	72-561M 71	Olin Corp	cust 1¢	94 59		Zn = 9473 Low =		9444	78½
✓	72	✓	✓	56		.67		.45	78
✓	73	✓	✓	61		.66		.55	78½
✓	74	✓	✓	59		.61		.56	77
✓	75	✓	✓	59		.67		.50	78
✓	76	✓	✓	43		.50		.36	"
✓	77	✓	✓	94 75		94.76		9473	76½
10/3	324	Nickel Ingots	D.S.	74 92		2461			
10/4	73-100M 10	Olin Corp	cust 50¢	91 31		VXQ = 8.44	0.04	0.11	87½
✓	11	✓	✓	39		.36	.05	.12	"
✓	12	✓	✓	40		.45	.06	.11	88
✓	13	✓	✓	91 41		8.41	0.05	0.11	87½
10/4	71-342M -14	Clad Metals	cust 50¢	91 33		VXQ = 8.50	0.01	0.13	89
10/4	71-342M -15	Clad Metals	cust 50¢	90 78		VXQ = 9.03	0.02	0.10	88
10/4	72-561M 78	Olin Corp	cust 1¢	94 76		Zn 9481 Low =		9471	74
✓	79	✓	✓	94 69		94.70		9468	74
10/6	73-100M 14	Olin Corp	cust 50¢	91 31		VXQ = 8.42	0.06	0.11	86½
✓	15	✓	✓	37		.32	.06	.12	✓
✓	16	✓	✓	38		.37	.04	.12	✓
✓	17	✓	✓	38		.37	.05	.11	86
✓	18	✓	✓	39		.36	.07	.11	87
✓	19	✓	✓	34		.42	.05	.12	86
✓	20	✓	✓	91 35		8.41	0.06	0.11	87
10/6	73-100M 21	Olin Corp	cust 50¢	91 49		VXQ = 8.45	0.05	0.12	86
✓	22	✓	✓	38		.41	.07	.11	86½
✓	23	✓	✓	91 29		8.38	0.06	0.11	86½
10/6	71-342M -16	Clad Metals	cust 50¢	90 43		VXQ 8.91	0.08	0.10	88
10/10	71-342M -17	Clad Metal	cust 50¢	90 98		VXQ 8.86	0.05	0.10	88
10/10	3925	Bronze Ingots	U.S	94 88		Phos = 0.005			
✓	3990	✓ ✓	✓	95 02		✓ 0.006			
✓	4100	✓ ✓	✓	95 02		✓ 0.002			
✓	4190	✓ ✓	✓	94 78		✓ 0.002			
✓	4275	✓ ✓	✓	94 85		✓ 0.002			

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550017

DATE 1972	DRAFTS	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/10	72-592 F. 17	Olin Corp.	5 Centavos	60.77		VxQ 39.21		.043 .044	86
✓	18	✓ ✓	✓ ✓	56		.33		.043+	87½
✓	19	✓ ✓	✓ ✓	75		.25		.043 .044	88
✓	20	✓ ✓	✓ ✓	51		.44		.043+	87
10/10	73-100M 24	Olin Corp	50¢	91 44		VxQ 8.37	0.05	0,13 .068 .069	86
✓	25	✓ ✓	50¢	40		VxQ .34	0.04	0.11 .068 .069	86½
10/11	72-561M 80	Olin Corp	1¢	9456		Hi = 94 60		Lo = 94.52 .049+	78
✓	81	✓ ✓	✓	94 27		94 78		94.75 .049 .050	78
✓	82	✓ ✓	✓	94 98		95 08		94.87 .049 .050	78½
10/12	73-109M 5	Anaconda Brass	1 Peso	70 47		11.94	17.40	0,14 .074 .075	85
✓	6	✓ ✓	✓	70 22		12.48	17.13	0.13 .073 .076	84
10/12	72-626M 16	Chase Brass	1¢	94 73		Hi = 94.82	Lo: 94.68	.050 .052	87
✓	17	✓ ✓	✓	94 88		94.81	94.85	.049 .052	87
10/13	73-100M 26	Olin Corp	50¢	91.43		8.44	0.05	0.11 .069 .070	87
✓	27	✓ ✓	✓	91.38		8.44	0.06	0.13 .068+	86
✓	28	✓ ✓	✓	91.53		8.38	0.06	0.12 .069 .070	87
10/16	4360	Bronze Ingots	U.S. 1¢	94 93		Phos = 0.006			
✓	4405	✓ ✓	✓	94 91		✓ 0.010			
✓	4550	✓ ✓	✓	94 91		✓ 0.007			
✓	4640	✓ ✓	✓	94 94		✓ 0.012			
10/18	73-100M 29	Olin Corp	50¢	91.32		8.38	0.04	0.11 .068 .069	86½
✓	30	✓ ✓	✓	91.55		8.39	0.05	0.11 .068+	87½
✓	31	✓ ✓	✓	91.45		8.46	0.05	0.11 .068 .069	87
✓	32	✓ ✓	✓	91.40		8.38	0.05	0.11 .068 .069	88
✓	33	✓ ✓	✓	91.52		8.33	0.05	0.12 .068 .069	86½
10/18	72-626M 18	Chase Brass	1¢	94 40		Hi: 94.52	Lo: 94.28	.049 .052	86
10/18	72-561M 83	Olin Corp	1¢	94 74		Hi: 94.76	Lo: 94.72	.049 .050	79
✓	84	✓ ✓	✓	94 60		94.62	94.57	.049 .051	78
✓	85	✓ ✓	✓	94 86		94.87	94 85	.049 .050	78½
✓	86	✓ ✓	✓	94 46		94.52	94.40	.049 .051	78½
✓	87	✓ ✓	✓	94 64		94.69	94.59	.049 .050	79
✓	88	✓ ✓	✓	94 71		94.78	94.64	.049 .050	78

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OF Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED OF Metal OUNCES	RECEIVED DEC.	DELIVERED OF Metal OUNCES	DELIVERED DEC.	
10/19	72-561 89	Olin Corp	1¢	94 63		Hi = 94.72	Lo = 94.53	.049 .050	77	
✓	90	✓ ✓	–	94 64		94.67	94.60	.049+	78	
✓	91	✓ ✓	✓	94 54		94.60	94.48	.049 .050	78	
✓	92	✓ ✓	✓	94 79		94.84	94.74	.049 .050	77	
✓	93	✓ ✓	✓	94 76		94.83	94.69	.049 .050	77½	
10/20	73-109M 85 7	Anaconda Brass	1 Reso	70 27		12 58	16.98	0.12	.082 .075	87½
✓	8	✓ ✓	✓	70 10		12 68	17.00	0.18	.073 .075	84
10/20	73-100M 34	Olin Corp	50¢	91.52		8.44	0.05	0.11	.068 .069	86
✓	35	✓ ✓	✓	91.57		8.36	0.04	0.12	.068 .069	87
✓	36	✓ ✓	✓	91.34		8.35	0.05	0.11	.068 .070	82½
10/24	4725	Denver Bronze	1¢ 0.S	94 88		Phos = 0.004				
✓	4800	✓ ✓	✓	94 85		0.000				
✓	4885	✓ ✓	✓	95 05		0.000				
✓	4980	✓ ✓	✓	94 97		0.001				
✓	5065	✓ ✓	✓	95 05		0.004				
10/26	72-626M 19	Chase Brass	1¢	94 68		Hi = 94.76	Lo = 94.60	.049 .051	86½	
10/27	73-155M 1	Olin Corp	25¢	91.44		8.31	0.05	0.10	.053 .054	86½
✓	2	✓ ✓	–	91.39		8.33	0.05	0.11	.053+	87
✓	3	✓ ✓	✓	91.48		8.24	0.04	0.11	.054	86½
✓	4	✓ ✓	✓	91.44		8.38	0.06	0.11	.054 .054+	86½
10/31	5205	Denver Bronze	Org	94 79		Phos = 0.002				
✓	5275	✓	✓	94 88		✓ 0.005				
11/1	73-109M 9	Anaconda	Reso	70 35		VXQ 11.73	17.17	0.19	.073- .075	84
11/1	72-626M 20	Chase Brass	1¢	94 58		Hi 94.58	Low 94.57	.050- .051	86½	
11/1	73-100M 37	Olin Corp	50¢	91 57		VXQ 8.35	0.05	0.11	.068- .069	87
✓	38	✓	✓	39		.35	.04	.11	.068+	"
✓	39	✓	✓	91 30		8.40	0.04	0.11	.068- .069	87½
11/2	72-561M -94	Olin Corp	1¢	94 40		Hi 94.45	Low 94.34	.049- .050	77	
✓	-95	✓	✓	37		.38	.36	"	79	
✓	-96	✓	✓	94 43		94.48	94.38	"	78½	
11/2	73-100M 40	Olin Corp	50¢	91 20		VXQ 8.42	0.03	0.11	.068- .069	87
✓	41	✓	✓	20		.38	.03	.11	✓	"
✓	42	✓	✓	91 12		8.47	0.03	0.11	✓	87½

Word but not used 11/1/72

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper Ounces	GROSS WEIGHT Copper Dec.	RECEIVED Nickel Ounces	RECEIVED Nickel Dec.	DELIVERED Nickel Ounces	DELIVERED Nickel Dec.
11/3	73-155M 5	Olin Corp	25¢	91 24		VXQ 8.44	0.05	0.11	.053+ 86½
"	6	✓		11		.44	.03	.13	.053-.54 86
"	7	✓		91 25		8.36	0.05	0.11	.053+ ✓
11/6	72-626M 21	Chase Brass	1¢	94 63		Hi 9468	Low	94.58	.049-.51 T 86½
✓	22	✓	✓	94 71		9475		9466	✓ ✓
11/7	5460	Denver Bronze	1¢	94 98		~~Hi~~ Low = 0.003			
✓	5520	✓	✓	83		.010			
✓	5530	✓	✓	95 03		.009			
✓	5600	✓	✓	94 94		.011			
✓	5655	✓	✓	95 01		.011			
✓	5700	✓	✓	95 02		0.010			
11/8	73-155M -8	Olin Corp	25¢	91 34		VXQ = 8.16	0.04	0.10	.052-.53 T 86½
11/9	73-156M 8	Olin Corp	5¢	74 27		25.02			.063-.64+ B90
✓	9	✓	✓	86		24.33			✓ 91
✓	10	✓	✓	50		.68			✓ 92
✓	11	✓	✓	74 43		24.76			✓ 91
11/9	72-560M 1	Chase Brass	1¢	94 65		Hi 9470	Low = 9460		.049-.51 T 86½
✓	2	✓	✓	53		.66		.40	.047-.50 87
✓	3	✓	✓	94 71		94.76		9465	.048-.52 87
11/9	73-156M 1	Olin Corp	5¢	74 58		VXQ 24.78			.063-.64 B91
✓	2	✓	✓	38		25.03			✓ ✓
✓	3	✓	✓	57		24.66			.064+ ✓
✓	4	✓	✓	46		.93			.063-.64 ✓
✓	5	✓	✓	88		.31			.062-.64 91½
✓	6	✓	✓	87		.44			.063-.64 91
✓	7	✓	✓	74 59		24.70			✓ ✓
11/10	71-392M 13	Clad Metals	1¢	91 29		VXQ 8.54	0.02	0.10	.087-.90+ T 87
11/13	73-104M 65 -10	Anaconda Brass	10¢	70 21		VXQ 12.38	17.33		.067-.69+ B85
11/13	5755	Denver Bronze	1¢	94 69		Hi = 0.003			
"	5790	✓	✓	95 11		0.014			
	5850	✓	✓	95 07		0.008			
	5905	✓	✓	94 88		0.005			
	5990	✓	✓	95 04		0.005			
	6070	✓	✓	94 93		0.014			

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Denom	GROSS WEIGHT Ounces	% Copper	Dec.	RECEIVED Ounces	% Nickel	Zinc	DELIVERED Ounces		Dec.
11/15	73-109M65 11	Anaconda	Reso	70	42		VxQ	11.87	17.58		1073-75+	B84
11/16	73-100M 43	Olin Corp	50¢	91	21		VxQ	8.49	0.05	0.12	1068-69	T88
11/16	73-156M 12	Olin Corp	5¢	75	49		VxQ	24.64			1063-64	B 91½
11/16	72-560M 4	Chase Brass	1¢	94	61		Zi	94.67	Low=	94.55	1049-51	T 86½
11/20	72-560M 5	Chase Brass	1¢	94	97		Zi	95.14	Low=	94.75	1049-50+	T 87
✓	6	✓	✓	94	82			94.92		94.72	1049-51+	87
11/20	72-561M 97	Olin Corp	1¢	94	68		Zi	94.73	Low=	94.62	1049-50	B 77½
11/20	73-155M 9	Olin Corp	25¢	91	31		VxO	8.43	0.04	0.12	1052-54	T 86½
✓	10	✓	✓	91	32			8.39	0.04	0.09	✓	86
11/20	72-560M 7	Chase Brass	1¢	94	72		Zi	94.76	Low=	94.67	1048-50+	T 87
11/20	73-109M65 12	Anaconda	Reso	70	26		VxQ	11.66	17.85		1073-75	B84½
11/20	6155	Denver Bronze	1¢	95	00		Thos =	0.010				
✓	6255	✓	✓	94	93			.008				
✓	6330	✓	✓		79			.012				
✓	6410	✓	✓	95	00			.015				
✓	6455	✓	✓	95	19			0.009				
11/21	72-561M 98	Olin Corp	1¢	94	68		Zi	94.73	Low=	94.62	1042-50	B 78
✓	98	✓	✓	94	54			94.71		94.33	✓	78
11/21	73-100M 44	Olin Corp	50¢	91	16		VxQ	8.48	0.04	0.11	1068-69+	T 87½
✓	45	✓	✓	91	22		✓	8.46	0.04	0.11	✓	87
11/24	72-561M 100	Olin Corp	1¢	94	46		Zi	94.74	Low=	94.22	1048-50	B 78
✓	101	✓	✓		39			.65		.04	✓	78
✓	102	✓	✓		26			.37		.16	1049-50+	78
✓	103	✓	✓		64			95.01		.30	1049+	77½
✓	104	✓	✓	94	85			94.99		94.69	1048-50+	75
11/24	72-560M -8	Chase Brass	1¢	94	83		Zi	95.06	Low	94.59	1050+	T 87
✓	-9	✓	✓		85			94.94		.76	1049-50+	87½
✓	-10	✓	✓	94	73			94.80		94.66	1048-51+	88
11/24	73-109M65 13	Anaconda	Reso	70	31		VxQ	12.08	17.52		1074-76	B 83½
11/24	73-155M-11	Olin Corp	25¢	91	37		VxQ	8.35	0.04	0.11	1053-54+	T 85½
✓	12	✓	✓		37			.34	.03	.10	✓	86
✓	13	✓	✓		50			.28	.03	.09	✓	85
✓	14	✓	✓	91	58			8.29	0.03	0.10	✓	85½
✓	15	✓	✓	91	59			8.21	0.02	0.10	✓	85½

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS #	DESCRIPTION	Demd	GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Metal OUNCES	Fine	DELIVERED Mint OUNCES	DEC.
11/28	13-155M -16	Olin Corp	25¢	91 26		V×Q 8.51	0.04	0,11 .053-54+	T 86½
	17	"	✓	91 55		8.31	0.03	0,10 ✓	✓
11/29	13-156M 15	Olin Corp	5¢	74 19		V×Q 25.31		.1063-64+	B 91
✓	16	✓		21		.34		✓	✓
✓	17	✓		20		.31		.1062-64+	✓
✓	18	✓		18		.21		✓	✓
✓	19	✓		20		.31		.1063-64+	90½
✓	20	✓		74 30		25.24		.1062-64	91
✓	13	✓		27		.24		.1064-65	88+
✓	14	✓		74 19		25.29		.1063-64	✓
11/29	13-100M 46	Olin Corp	50¢	91 10		V×Q 8.41	0.03	0.10 .1068-69+	T 87½
11/30	13-155M 18	Olin Corp	25¢	91 34		V×Q 8.30	0.11	0.10 .053-54+	T 86
✓	19	✓	✓	91 29		8.41	0.04	0.11 ✓	✓
12/1	72-560M 11	Chase Brass	1¢	9460		H 9465	Fine = 9455	.1048-50+	T 87
12/1	6685	Bemis Bronze	1¢	9519		Diff 491	Dia = 0.024		
	6790	✓	✓	9495		" 5.05	.015		
	6886	✓	✓	Diff = 95.00		V×Q = 5.00	.007		
	6891	✓	✓	✓ .15		✓ 4.85			
	6896	✓	✓	✓ .17		✓ 4.93			
	6900	✓	✓	✓ .17		✓ 4.93	0.008		
	6905	✓	✓	✓ 94.85		✓ 5.15			
	6910	✓	✓	✓ 95.00		✓ 5.00			
	6914	✓	✓	✓ .00		✓ 5.00			
	6921	✓	✓	✓ 9492		✓ 5.08	0.010		
	6926	✓	✓	✓ 9492		✓ 5.08			
12/4	13-109M 45 14	Anaconda	Russ	6978		V×Q 12.24	17.82	.1074-76+	B 88
✓	15	✓	✓	6999		✓ 12.01	17.85	.1074-75+	85
12/5	13-155M 20	Olin Corp	25¢	9144		V×Q 8.35	0.04	0.09 .1053-54+	T 87
	21	✓	✓	45		.33	.09	.08 ✓	86
	22	✓	✓	34		.35	.07	.09 ✓	87
	23	✓	-	36		.30	.05	.10 ✓	87
	24	✓	-	30		.27	.05	.10 ✓	86
	25	✓	-	9144		8.16	.05	0.09 .1054+	86

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt or Drafts Del #	DESCRIPTION	GROSS WEIGHT Copper Ounces	GROSS WEIGHT Copper Dec.	RECEIVED Nickel Ounces	RECEIVED Nickel Dec.	DELIVERED Ounces	DELIVERED Dec.
12/5	6928	Denver Bronze 14	94 55	P1f		5,45		
	33		40		*Called off.	.60	Thru - 0.033	
	38		43			.57		
	6940		94 70			5,30	P = 0.008	
	46		58			.42		
	51		85			.15		
	54		67			.33		
	58		70			.30		
	63		94 71			5,29	P = 0.014	
	67		25			.75		
	72		55			.45	P = 0.010	
	77		94 77			5,23		
	79		85			.15		
	84		79			.21	P = 0.014	
	89		77			.23		
	94		73			.27		
	98		73			.27	P = 0.03	
	7003		80			5.20		
	07		62			.38		
	12		52			.44	P = 0.017	
	70 17		94 56			5.44		
12/5	72-560 M	Chase Brass 14	9500		Ni 95.00	Less = 95.00	101.13 / 1/2	87
12/5	73-155 M 26	Olin Corp 254	91 24		Ni Q = 8.41	0.05	0.10	105.3 / 544	86
✓	27	✓	24		.17	.04	.11	✓	86
✓	28	✓	43		.22	.04	.11	✓	87
✓	29	✓	91 40		8.23	0.04	0.10	✓	87
12/6	7018	Denver Bronze 14	94 88			5.12		
	7024	✓	9500			.00	Thru = 0.014	
	29	✓	94 95			.05		
	7033	✓	85			.15	Thru = 0.002	
	38	✓	97			.03		
	7043	✓	88			.12		
	46	✓	9500			5.00		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt DRAFTS Del H	DESCRIPTION		GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
12/6	7051	Denver Bronze	1d	94 97			5.03	Thos =	0.018
	55	✓		91			.09		
	7060	✓		88			.12		
	65	✓		97			5.03	Thos =	0.004
	7070	✓		95 03			4.97		
12/6	73-155 M 30	Olin Corp	25d	91 47		V x Q = 8.28	0.04	0.10	1053-34+ T 87
	31	✓		91 41		8.32	0.05	0.09	✓ ✓
12/8	72-560 M 13	Chase Brass	1d	94 88		Hi 95.02	Low =	94 74	1050-51+ 85
	14	✓	✓	83		14.84		.81	1049-50+ 86
	15	✓	✓	95 22		95.22		95.22	✓ 86½
12/8	73-156 M 21	Olin Corp	5d	74 23		V x Q = 25.27			1063-65+ B 90
	22			11		.36			1064+ 89
	23			17		.20			1063-64+ 90
	24			21		.24			1064+ 90
	25			31		.18			1063-64+ 90
	26			19		.18			✓ 90
	27			35		.25			1063-65+ 89
	28			74 42		25.24			1063-64+ 90
12/8	7074	Denver Bronze	1d	95 00			5.00		
	79			94 98			.02		
	7084			82			.18	Thos =	0.010
	89			70			.30		
	7092			77			.23		
	98			65			.35	P =	0.006
	7103			65			.35		
	06			95 09			4.91		
	7111			94 82			5.18	P =	0.008
	16			74			.26		
	19			84			.16		
	7125			70			.30	P =	0.007
	7130			94 67			5.33		
12/8 ✓	73-319-M -1	Bridgeport Brass	1d	94 46		Hi = 94.56	Low =	94 36	1049-50+ T 86
	-2	✓	✓	94 33		94.47		94.19	1049-51+ 86

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melhor DRAFTS Del #	DESCRIPTION		GROSS WEIGHT Ounces	% Copper	Dec.	RECEIVED Ounces	% Nickel	Dec.	DELIVERED Ounces	Dec
12/11	73-109 MGS 16	Anaconda	1-Viso	7009			VxQ 1235		17.13		1077-757 B 85
12/11	73-100 MM 47	Olin Bras	50¢	9122			" 8.39		0.04	0.10	.068+ T 86
12/11	73-155 MM 32	Olin Bras	25¢	9144			VxQ = 8.27		0.10	0.08	.053+ T 86½
✓	33		✓		35		.31		0.04	.09	.053-544+ 85½
✓	34		✓	9134			8.42		0.04	0.10	✓ 86
12/12	7131	Denver Bonze	1¢	95	00				VxQ 5.00		
	36				00				.00	P= 0.009	
	7142			94	91				5.09		
	44			95	10				4.90		
	7150				17				.83	P= 0.010	
	55				10				.90		
	59				16				.84		
	7164				09				.91	P= 0.011	
	69				16				.84		
	7172			95	09				4.91		
	77				52				.48	P= 0.012	
	7183			94	75				5.25		
12/12	73-155 MM 35	Olin Corp	25¢	9126			VxQ 8.42		0.06	0.11	053-544+ T 85½
12/12	72-561 M 105	Olin Corp	1¢	9495			Zli 95.04		Low =	9486	1044-50+ B 75
✓	106	✓	✓	9496			95.02			9490	1044-50 75
12/13	7185	Denver Bonze	1¢	95	12				VxQ 4.88		
	7191				10				.90	P= 0.	
	96				30				.70		
	7200			94	25				5.15		
	05			95	62				4.38	P= 0.	
	7210				25				.75		
	12				00				5.00		
	17				17				4.83	P= 0.	
	7223				15				.85		
	26				10				.90		
	7233			94	95				5.05	P= 0.	
	38			95	15				4.85		
	7244				50				4.50		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melter DRAFTS Del #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
		Fr Copper				Fr Crucible			
12/13	7247	Denver Bronze	1d	95 50			VLQ 4.50		
	7250	✓	✓	95 50			4.50		P = 0.
12/13	73-319 M 3	Bridgeport Br	1d	94 38		7Li 94 65	Low =	94 13	1049-50+ T86
✓	-4	✓	✓	94 33		94.35		94 31	✓ 87
12/12	73-319 M 5	Bridgeport Br	1d	94 29		7Li 94 37	Low =	94 21	1050+ T85
✓	6		✓	37		.38		.36	1049-50+ 87
✓	7		✓	94 45		94.53		94 36	✓ 86
	7254	Bronze: Denver	1d	94 75			VLQ 5.25		
	59			70			.30		
	7264			94 70			5.30	Plus = 0.008	
	67			75			.25		
	7272			70			.30		
	78			94 72			5.28	Plus = 0.006	
	7281			57			.43		
	86			65			.35		
	7293			94 65			5.35	Plus = 0.008	
12/14	72-561 M 107	Olin Corp	1d	94 75		7Li 94 84	Low =	94 66	1049-50 T84
✓	108	✓	✓	94 97		95.12		94 82	1048-50 87
12/15	7296	Bronze: Denver	1d	94 90			VLQ 5.10		
	7301			95 35			4.65		
	7311			95 07			.93	P = 0.010	
	17			00			5.00		
	7322			95 10			4.90	P = 0.011	
	25			10			.90		
	7330			02			.98		
	31			94 70			5.30		
	36			94 95			.05	P = 0.013	
	7341			60			.40		
	46			70			.30		
	7351			95 07			4.93	P = 0.010	
	56			94 55			5.45		
12/18	7363	Bronze Denver	1d	94 80			VLQ 5.20	P = 0.004	
	68			94 87			5.13		

RECEIPT AND DELIVERY OF BULLION

DATE	Mellon DRAFTS Del #	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
1972			40 Copper		60 Fine Ag	30		
12/18	7374	Dimes/Bronze 1¢	94 85		VxQ=	5.15	Thos=	
	78		62			.38	Thos = 0.006	
	7383		95 17			4.83		
	88		20			.80		
	7393		32			4.78	Thos 0.012	
12/19	73-155M 36	Olin Corp 25¢	91 39		VxQ 8.34	0.04	0.10 .053-54	87
	37		47		.31	.04	.10 ✓	86
	38		47		.25	.06	.11 .053	86
	39		91 48		8.31	0.04	0.11 .053-54	88
12/19	7395	Bronze, Dimes 1¢	94 55		Thos VxQ=	5.45		
	7400		55			.45		
	06		55			.45	P= 0.005	
	7410		45			.35		
	15		95 07			4.93		
	7420		02			.98	P= 0.013	
	23		94 80			5.20		
	28		80			.20		
	7433		75			.25	P= 0.007	
	35		95 15			4.85		
	7440		20			.80		
	45		20			.80	P= 0.008	
	7450		15			.85		
	55		15			.85		
	7460		95 12			4.88	P= 0.004	
12/20	7464	Bronze Dimes 1¢	95 15		VxQ=	4.85		
	69		17			.83		
	7475		94 65			5.35	P= 0.003	
	79		95 17			4.83		
	7484		00			5.00		
	89		10			4.90	P= 0.007	
	7491		15			.85		
	96		17			.83		
	7500		95 17			.83	P= 0.007	

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melter DRAFTS Del #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Nickel OUNCES	RECEIVED Nickel ZN DEC.	DELIVERED NW OUNCES	DELIVERED NW DEC.
12/20	7505	Bronze-Denver	14	95	20				
	7511				25				
	19			95	15				
							4.80		
							.75		
							4.85	P= 0.008	
12/20	73-155 M 40	Olin Corp	25¢	91	32	8.52	0.04	0.09	1053-54 86
	41	✓	✓	91	43	8.37	0.04	0.10	✓ 85½
12/21	73-156 M 29	Olin Corp	5¢	74	20	25.25			1064-65 T89
	30				26	.25			✓ 88
	31			73	96	.21			✓ 89½
	32			74	27	.25			1063-64 89
	33				05	.47			1064-65 89
	34				26	.14			1063-64 89½
	35				06	.57			✓ 88½
	36				53	25.18			061-64 88½
12/21	73-155 M 42	Olin Corp	25¢	91	36	8.40	0.05	0.10	1053-54 T86
12/21	7520	Bronze-Denver	1¢	95	12				
	26				20				
	7531				10				
	35				00				
	7540			94	85				
	45			95	07				
	7550				17				
	55			95	20				
							4.88		
							.80		
							.90	P= 0.005	
							5.00		
							.15		
							4.93	P= 0.008	
							.83		
							4.80	P= 0.008	
12/21	72-56 M 109	Olin Corp	1¢	94	47	94.62	Low	94.31	1049-50 T86
	110	✓			61	.62		.59	1048-50 86
	111	✓		94	43	94.45		94.40	1049-50 87
12/22	7559	Denver Bronze	1¢	94	75				
	7564			95	10				
	69				17				
	7573				25				
	78				07				
	7583				05				
	88				07				
							5.25		
							4.90	P= 0.003	
							.83		
							.95		
							.93	P= 0.011	
							.95		
							.93	P= 0.026	

RECEIPT AND DELIVERY OF BULLION

DATE 1972	Melt or DRAFTS Del #	DESCRIPTION		GROSS WEIGHT Ounces Copper	Dec.	RECEIVED Ounces Nickel	Dec.	DELIVERED Ounces	Dec.
12/27	7596	Denver Bronze	14	95	15	VxQ=	4.85		
	7601				17		.83	P= 0.009	
	7606				15		.85		
	7610			94	97		5.03		
	7615				90		.10	P= 0.018	
	7620				92		.08		
	7625			95	17		4.83		
	7630				17		.83	P= 0.010	
	7635			94	80		5.20		
	7640			95	07		4.93		
		1973:							
1/2/73	7645	Bronze Denver	14	95	10	VxQ=	4.90	P= 0.008	
	7650				05		.95		
	55				15		.85		
	51			94	72		5.28		
	57				65		.35		
	7661			94	65		5.35	P= 0.005	
1/3	72-561M 112	Olin Corp	14	94	30	Hi 94.32	Low= 94.27	.1049	85
	113	(Is the 114-116			50	.60	.40	.1049-50	85
	114	serial number			77	.82	.72	.1048-49	86
	115	correct?)		94	56	94.66	94.45 ✓		86
1/4	71-342M -14	Clad Metals	1 00	90	21	VxQ= 9.54	0.01	0.08	.1088-89 87
1/4	71-343M -2	Clad Metals	1 00	91	16	VxQ= 8.63	0.01	0.09	.1088-90 88
	-3				09	.65	.02	.11	.1086-91 88
	-4			90	78	8.90	0.01	0.12	.1088-90 88
1/4	75-155M -43	Olin Corp	254	91	41	VxQ= 8.32	0.05	0.08	.1052-54 83
	-44			91	34	8.38	0.05	0.08	.1053-54 86
1/4	72-561M 116	Olin Corp	14	94	71	Hi = 94.83	Low= 94.58	.1045-50	86
	117				59	.67	.50 ✓		84
	118				53	.56	.50 ✓		83
	119				47	.52	.41	.1049-50	86
	120				77	.84	.69	.1048-49	84
	121			94	85	95.11	94.53	.1049-50	85

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	Melter DRAFTS Del #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
			Qo copper		Qo mixed		mm	
1/5	7678		94	50	VXQ	5.50		
	7683			50		.50	P=0.003	
	7705			37		.63		
	7710			40		.60		
	15			40		.60	P=0.018	
	19			45		.55		
	7724			45		.55		
	29			30		.70	P=0.003	
	7733			57		.43		
	38		95	00		.00		
	7743		94	57		.43	P=0.005	
	46			55		.45		
	7751			67		.33		
	56			70		.30	P=0.011	
	7762			47		.53		
	69			50		.50		
	7774			97		.03	P=0.018	
	7780			70		.30		
	85		95	00		.00		
	7790		94	92		.08	P=0.016	
	95			57		.43		
	99			62		5.38		
1/8	7802	Bronze-Denver	1d 94	82		5.18		
	07			75		.25	P=0.011	
	7812			72		.28		
	17			85		.15		
	7822			75		.25	0.008	
	27			72		.28		
	7832			75		5.25		
	37		95	02		4.98	0.011	
	7842			00		5.00		
	49			07		4.93		
	7852		94	57		5.43	0.004	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (90 Copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (90 Nickel)	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
1/8	7856	Bronze-Denver 14	94	50		5,50			
	7863		95	21		4,78	P=	0,020	
	68			15		,85			
	7874			17		,83			
	7880			12		,88	P=	0,019	
	86			27		,73			
	7892		95	15		4,85			
1/8	71-393 M -5A	Clad metals 50¢	90	89	XQ 9,02	0.02	0.07	.068-70	89
1/8	71-393 M -1	Clad Metals 1.00	91	48	XQ 8.45	0.01	0.08	.088-91	88
	5		90	98	,76	,02	.09	.089-91	89
	6		90	95	8.66	0.07	0.09	.088-91	89
1/9	7887	Bronze-Denver 14	94	62		5,38			
	7894			35		.15	P=	0,016	
	97			67		,33			
	7901			80		,20			
	06			82		,18	P=	0,016	
	7911			87		,13			
	15			92		,08			
	7920			87		,13	P=	0,015	
	25			85		5,15			
	28		95	20		4,80			
	7933			22		4,78	P=	0,014	
	38		94	55		5,45			
	7944			60		,40			
	7951			57		,43	P=	0,023	
	57			55		,45			
	7964			70		,30			
	69			72		,28	P=	0,009	
	7974			67		,33			
	7980			70		,30			
	86			65		,35	P=	0,007	
	7991		94	75		5,25			

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melr DRAFTS #	DESCRIPTION		GROSS WEIGHT o/o Copper OUNCES	DEC.	RECEIVED o/o Nickel OUNCES	DEC.	DELIVERED OUNCES	DEC.
1/9	73-319 M 8	Bridge Brass	14	94 28	Th	94 32	Low =	94.24	1049-50 T86
	9			18		20		.15	✓ 86
	10			26		40		.05	1048-49 82
	11			07		14		93.99	1049-51 87
	12			14		21		94.06	✓ 83
	13			19		23		.14	1049-50 83
	14			36		68		.02	✓ 86
	15			21		30		.11	1049-51 86
	16			30		41		.18	1049 86
	17			18		20		.16	1049-50 84
	18			15		28		.02	✓ 85
	19			94 33		94 42		94.13	1049-51 83
1/9	73-156 M 37	Olin Corp	54	74 20		VXQ =	25.16		1063-64 T90
	38			27			.11		✓ 87
	39			51			24.92		✓ 89
	40			25			25.12		.063 88
	41			73 91			.38		1063-65 89
	42			98			.42		1063-64 89
	43			74 26			24.83		1063-65 89
	44			15			25.06		1063-64 89
	45			28			24.89		.064 89
	46			03			25.18		1064-65 89
	47			19			.10		.063-64 89
	48			06			.20		.062-64 89
	49			74 19			25.21		.064 89
1/10	7996	Bronze-Diner 14		95 25			4.75		
	99			94 52			5.48	P = 0.006	
	8004			97			.03		
	09			80			.20		
	8014			55			.45	P = 0.002	
	19			50			.50		
	8024			60			.40		
	28			94 52			5.48	P = 0.005	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mel'N DRAFTS #	DESCRIPTION	GROSS WEIGHT o/o Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED o/o Nickel OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1/10	8033	Bronze-Dimes 14	94 55			5,45		
	38		42			,58		
	8043		70			,30	P= 0.013	
	48		70			,30		
	8053		75			,25		
	58		75			,25	P= 0.017	
	8063		75			,25		
	68		62			,38		
	8073		85			,15		
	78		72			,28	P= 0,020	
	8081		94 82			5,18		
1/10	72-561M 122	Olin Corp 14	94 60	Hi	94 88	Low=	94 30	1050-51 T 85
	123		26		33		,16	1049-51 85
	124		94 49		94 50		94 47	1051-52 85
1/10	73-157M -1	Olin Corp 14	94 46	Hi	94 46	Low	94 45	1050-52 85
1/11	73-156M 50	Olin Corp 54	74 01		V x Q = 25.40			1062-64 T 88
	51		10		,27			1064-65 88
	52		71		,69			✓ 90
	53		74 36		24.87			1063-64 89
1/11	73-155M 45	Olin Corp 254	91 37		8.31	0.07	0,11	1053-54 85
1/11	8084	Bronze-Dimes 14	94 60			5,40		
	89		65			,35	P= 0.009	
	8091		85			,15		
	94		50			,50		
	96		80			,20		
	8101		80			,20	P= 0.005	
	8111		80			,20		
	16		80			,20	P= 0.006	
	8121		75			,25		
	24		95 60			5.00		
	29		07			4.93	P= 0.016	
	8134		00			5.00		
	38		95 00			5.00		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melr DRAFTS #	DESCRIPTION		GROSS WEIGHT Ounces % Copper	Dec.	RECEIVED Ounces % Nickel	Dec.	DELIVERED Ounces Mint	Dec.
1/11	8143	Bronze - Denver	1¢	95 05			4.95	P= 0.016	
	48			00			5.00		
	8152			00			.00		
	57			05			4.95	P= 0.021	
	8161			95 02			4.98		
1/11	73-155M 46	Olin Corp	25¢	91 42		1XQ= 8.22	0.08	0.11 1052-55	T 85
	47			34		.31	.05	.10 1053-54	84
	48			31		.28	.06	.11 1054	85
	49			39		.27	.04	.10 ✓	84
	50			91 29		8.33	0.04	0.11 1053-54	83
1/12	8165	Bronze - Denver	1¢	95 15			4.85		
	8170			94 50			5.50	P= 0.004	
	75			95 17			4.83		
	78			10			.90		
	8183			15			.85	P = 0.006	
	88			07			.93		
	8192			12			.88		
	97			07			.93	P = 0.003	
	8202			12			.88		
	06			94 65			5.35		
	8211			67			.33	P= 0.021	
	16			60			.40		
	19			95 10			4.90		
	8224			10			.90	P= 0.008	
	29			10			.90		
	8233			10			.90		
	38			05			.95	P = 0.007	
	8243			95 10			4.90		
1/12	72-561M 125	Olin Corp	1¢	94 77	Hi	94 85	Xw=	94.65 1052	T 85
	126			94 34		94 42		94.25 1049-50	86
1/12	PB73- 1	Phila Bronze	1¢	94 66	Hi	94 71	Xw=	94.60 1049-50	T 85
✓	PB73 -2	✓ ✓	✓	94 73		94 74		94.72 ✓	84½
1/12	71-343M -7	Clad Metals	1¢	91 12		V1Q 8.61	0.01	0.10 1034-90	87

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES	DEC.	DELIVERED OUNCES	DEC.
1/15	73-156M 54	Olin Corp	54	74 02		WQ 25.33		1064-65	T 87½
	55			72		.35		1063-65	87½
	56			74 19		25.06		✓	88
1/15	73-314M 20	Bridge Brass	14	94 18	Hi=	94 22	Low =	94.14 1049-50	T 85
	21			41		46		.36 1050-57	85
	22			29		48		.12 1049-51	86
	23			94 19		94 22		94.15 1049-50	84
1/15	73-157M 2	Olin Corp	14	94 89	Hi=	94 98	Low =	94.79 1049-50	T 83½
	3			56		66		.43 ✓	84½
	4			64		66		.61 ✓	85
	5			80		91		.68 ✓	84
	6			94 91		95 02		94.79 ✓	84
1/16	73-155M 51	Olin Corp	254	91 44		WQ= 8.31	0.08	0.09 1054	T 87
1/17	73-PB 3	Thila Bronze	14	94 83	Hi=	94 86	Low =	94.79 1049-50	T 78
	4			94 78		94 80		94.76 ✓	83
1/17	73-157M 7	Olin Corp	14	94 67	Hi=	94 70	Low =	94.63 1049-51	82
1/17	73-PB-5	Thila Bronze	14	94 99	Hi=	95 01	Low =	94.97 1049-50	T 82
1/17	73-156M 57	Olin Corp	54	74 13		WQ = 25.22	0.05	1044-50 84½	T 86
1/17	73-314M 24	Bridge-Brass	14	94 16	Hi=	94 20	Low =	94.12 1049-50	T 82
	25			94 45		94 54		94.31 1050	78
1/18	73-155M 52	Olin Corp	254	91 60	✓	WQ= 8.24	0.06	0.08 1054	T 82
	53			57		.30	.05	✓ 1053-54	81
	54			34		.30	.06	✓ ✓	80
	55			37		.23	.05	✓ ✓	79
	56			91 45		8.27	0.04	✓ ✓	77
1/19	PB 73- 6	Thila Bronze	14	94 92	Hi	95 01	Low =	94.82 1049-57	T 82
1/22	73-157M -8	Olin Corp	14	94 47	Hi	94 49	Low =	94.44 1049-57	87
	9			94 71		94 74		94.68 1049-50	87
1/23	73-157M 10	Olin Corp	14	94 62	Hi=	94 71	Low =	94.52 1049-50	T 87
	11			94 59	✓	94 68	✓	94.50 ✓	87
	12			94 59	✓	94 59	✓	94.59 1049-57	87
1/24	73-155M 57	Olin Corp	254	91 36		WQ= 8.32	0.04	0.10 1053-54	T 87
	58			91 28		8.39	0.04	0.10 ✓	87

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Ounces Doffin	Dec.	RECEIVED Ounces Fischel	Dec.	DELIVERED Ounces	Dec.
1/24	73-155M 59	Olin Corp	25¢	91 40		VKQ = 8.30	0.05	0.08	1053-54 T 85
1/26	73-157M 13	Olin Corp	1¢	94 43	Hi	94 54	Low =	94 31	1049-51 T 86½
	14			94 29		94 38		94 20	1049-50 86
1/29	73-156M 58	Olin Corp	5¢	74 32		VKQ = 25.18			1063-64 T 90
1/31	73-157M 15	Olin Corp	1¢	94 47	Hi =	94 61	Low =	94 33	1049 T 87
	16			56		60		,51	1049-50 86
	17			62		69		,54	✓ 86
	18			49		60		,38	✓ 85
	19			58		66		,50	✓ 87
	20			48		58		,37	1048-50 79
	21			45		53		,37	✓ 87
	22			94 49		94 63		94 34	✓ 87
1/31	73-PB 7	Phila Bronze	1¢	94 90	Hi =	94 95	Low =	94 84	1049-51 T 87
1/31	73-156M 59	Olin Corp	5¢	74 40		VKQ = 25.08			1064 T 90
	60			74 26		25.12			1063-64 88
2/1	73-155M 60	Olin Corp	25¢	91 41		VKQ = 8.27	0.03	0.08	1054 T 86
	61			40		.33	.04	.06	1053-54 85½
	62			24		.40	.04	.08	✓ 86
	63			94 39		8.31	0.04	0.07	✓ 86½
2/2	71-393M 8	Clad Metals Inc	1¢	90 93		VKQ = 8.84	0.02	0.07	1088-91 T 87½
	9			91 72		8.15	0.01	0.09	1089-92 88½
2/2	73-157M 23	Olin Corp	1¢	94 70	Hi	94 88	Low =	94 51	1049-50 T 86
2/5	73-155M 64	Olin Corp	25¢	91 31		VKQ = 8.30	0.04	0.04	1053-54 T 85
2/5	73-156M 61	Olin Corp	5¢	74 35		VKQ = 25.10			1063-64 T 89½
	62			39		.14			✓ ✓
	63			49		.09			✓ ✓
	64			48		.03			✓
	65			39		.09			1063-65 90
	66			37		.05			1063-64 ✓
	67			41		.06			✓ 89
	68			74 33		25.12			✓ 89½
2/6	71-393M 10	Clad Metals Inc	1¢	91 52		VKQ 8.14	0.01	0.10	1089-91 T 88½
2/6	73-156M 69	Olin Corp	5¢	74 45		VKQ 25.01			1063-65 T 89

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED o/o Nickel OUNCES	RECEIVED DEC.		DELIVERED OUNCES	DELIVERED DEC.	
7/1	73-157M 24	Olin Corp	14	94	62	Hi= 94.64		Low=	94.60	1049	T 86
	25				71	.75			.67	✓	85
	26				74	.78			.70	1048-49	✓
	27				67	.71			.62	1050	84
	28				52	.54			.49	1049-50	86
	29				51	.59			.43	1049	✓
	30				61	.66			.56	✓	85
	31				73	.77			.68	1049-50	86
	32			94	78	94.83			94.73	1048-51	✓
7/7	71-393M 11	Clad Metals	100	91	16	VXQ 8.54	0.02		0.12	1090	T 89
	12				51	.20	.02		.12	1089-90	88
	13			91	49	8.17	0.02		0.11	✓	89
7/8	73-156M 70	Olin Corp	54	74	40	VXQ 25.09				1063-64	T 90
7/8	73-155M 65	Olin Corp	254	91	33	VXQ 8.33	0.04		0.11	1053-54	T 87
7/9	73-157M 33	Olin Corp	14	94	48	Hi= 94.50		Low=	94.46	1049	T 86
	34				64	.70			.57	1049-50	87
	35				71	.83			.59	✓	87
	36				80	.82			.78	✓	87
	37				75	.82			.68	✓	87
	38				77	.85			.68	✓	86
	39			94	70	94.70			94.70	✓	84
7/9	73-156M 71	Olin Corp	54	74	68	VXQ 24.93				1063-65	T 88
	72				52	25.09				1063-64	88
	73				59	24.95				✓	90
	74				59	25.03				1064-66	88
	75			74	66	25.10				1064-65	89
7/13	73-155M 66	Olin Corp	254	91	47	VXQ= 8.32	0.05		0.09	1053-54	T 90
	67			91	40	8.38	0.05		0.09	1054	89
7/13	73-156M 76	Olin Corp	54	74	64	VXQ= 24.93				1063-64	T 87
	77			74	63	24.87				✓	84
7/16	73-155M 68	Olin Corp	254	91	47	VXQ= 8.29	0.07		0.10	1054	T 83
✓	69				48	.22	.05		.11	✓	85
✓	70			91	50	8.24	0.04		0.10	✓	85

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Nickel OUNCES	RECEIVED Nickel DEC.	DELIVERED Brass OUNCES	DELIVERED Brass DEC.
2/20	73-155 M 71	Olin Corp	254	91 45		VXQ = 8.26	0.05	0.09	.1054 T 85
	72			37		.31	.04	.09	.1054-55 85
	73			91 50		8.26	0.06	0.10	.1053-54 84
2/21	73-155 M 74	Olin Corp	254	91 37		VXQ 8.25	0.06	0.09	.1054 T 85
2/21	73-156 M 78	Olin Corp	54	74 47		VXQ 2492			.1064-65 T 88
	79			52		.99			.1064 88 1/2
	80			74 60		2493			.1063-64 88
2/22	73-156 M 81	Olin Corp	54	74 56		VXQ = 25.03			.1064-65 88
	82			74 62		2495			.1063-65 88 1/2
2/22	73-155 M 75	Olin Corp	254	91 32		VXQ = 8.30	0.04	0.09	.1054 85 1/2
2/22	8248	Bronze - Dimes					5.15		
	8252						.10		
	57						.15		
	8262						5.20		
2/23	73-157 M 40	Olin Corp	14	94 52	Ni =	9460	Low =	9443	.1049-50 85 1/2
	41			55		.60		.49	" 86
	42			52		.55		.48	" 85
	43			41		.46		.36	" 85
	44			94 77		94.84		9469	" 85
2/23	8308	Dimes Bronze	Zn =	4.78	P = 0.013	8336	Zn =	5.38	
	8313			.90		8341		.43	P = 0.008
	18			.85		45		.30	
	8321			.88	0.008	49		.50	
	26			.85		8353		.35	P = 0.004
	8331			4.85		58		5.35	
2/26	73-157 M 45	Olin Corp	14	94 81	Ni =	9489	Low =	9473	.1049-50 87
	46			64		.73		.55	.1049-51 88
	47			54		.57		.51	.1047-50 87
	48			94 59		94.71		9447	.049 87
2/26	8368	Dimes Bronze	Zn =	4.95		8386	Zn =	5.15	P = 0.011
	73			5.18	P = 0.014	91		.10	
	78			4.83		95		.15	
	8381			5.15		8399		5.23	P = 0.012

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES		DEC.	RECEIVED OUNCES		DEC.	DELIVERED OUNCES		DEC.
				Copper			Nickel		Zinc	Mint		Tin
2/26	8404	Bronze-Denver	Zn=	5.00			8413	Zn=	5.10		P=	0.009
	08			5.15			8418		5.18			
2/27	8423	Bronz-Denver	Zn=	5.28			8464	Zn=	4.75			
	28			.20	P=	0.009	69		.80		P=	0.010
	33			4.90			8474		.75			
	37			5.03			78		.78			
	8442			4.88	P=	0.015	8483		.75		P=	0.010
	47			5.00			88		.75			
	8450			.03			8491		.90			
	55			4.90	P=	0.016	96		.93		P=	0.038
	8460			4.95			8501		4.88			
2/28	13-157 M 49	Olin Corp	1¢	94	55		Ni = 94.56		Zinc =	94.54	1057	86
	50				36			.45		.26	1049-50	87
	51				50			.53		.47	✓	87
	52			94	54			94.56		94.52	✓	87
2/28	×505	Bronz-Denver	Zn=	4.98			8546	Zn=	4.93	J		
	8511			.95			8550		.95			
	15			5.08	P=	0.005	55		.75	P=	0.014	
	18			4.90			8560		5.00			
	8522			98			64		4.93			
	27			5.03	P=	0.005	69		.95	P=	0.011	
	8532			4.95			8573		.95			
	36			90			77		.98			
	8541			5.03	P=	0.007	8582		4.90	P=	0.008	
2/28	13-276 M 1	Olin Corp	10¢	91	65		VxQ=	8.24	0.04	0.10	1041	86
2/28	13-155 M 76	Olin Corp	25¢	91	54		VxQ=	8.30	0.09	0.10	1053-54	87
3/1	8587	Bronz-Denver	Zn=	5.08			8624	Zn=	4.85	P=	0.006	
	8592		Zn=	4.90	P=	0.003	28		5.15			
	97			.85			8633		.10			
	8600			.85			38		.15	P=	011	
	05			.85			8642		.10			
	8610		Zn=	.88	P=	0.001	47		.13			
	14			.85			8651					
	19			4.90			=		5.15	P=	0.015	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS #	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
3/2	13-157M 53	Olin Corp 14	94 52		Ni 94 52	Low=	94 51 .049-50	85
	54		49		.56		.42 ✓	88
	55		48		.51		.44 ✓	86
	56		54		.60		.48 ✓	86
	57		53		.55		.51 ✓	87
	58		94 59		94 61		94.56 ✓	87
3/2	8656	Bronze-Dimes Zn=	5.05		8692 Zn=		5.03	P= 0.022
	8661		4.90		8701		4.85	
	66		.85	P= 0.010	05		.88	P= 0.008
	69		5.08		8710		.85	
	8673		.05		15		.85	
	78		.45	P= 0.003	19		.85	P= 0.007
	8683		.10		8724		4.85	
	87		.08					
3/5	8729	Bronze-Dimes Zn=	4.90		8770 Zn=		4.75	
	8734		.83		74		.80	P= 0.006
	39		.80	P= 0.007	79		.83	
	8742		.78		8784		.83	
	46		.73		88		.80	P= 0.011
	8751		.95	P= 0.020	8793		.80	
	56		.70		97		.75	P= 0.011
	8760		.73		8802		4.75	
	65		4.90	P= 0.014				
3/6	8808	Bronze-Dimes Zn=	4.60		8856 Zn=		4.70	P= 0.002
	13		93		61		.70	
	18		.85	P= 0.004	66		.70	
	21		5.00		70		.65	P= .005
	25		4.70		75		.73	
	30		5.00	P= 0.013	80		.95	
	35		4.98		84		5.00	P= 0.024
	39		4.83		8889		5.00	
	44		4.85	P= 0.008				
	52		.68					

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mill DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper			RECEIVED % Nickel			DELIVERED		
				OUNCES		DEC.	OUNCES		DEC.		OUNCES	DEC.
3/6	13-276M 2	Olin Corp	10¢	91	46		VRQ=	8.33	0.63	0.08	.040-42	86
	3			91	34			8.34	0.06	0.09	.040-41	86
3/6	13-157M 59	Olin Corp	1¢	94	81		Hi=	94.86	Low=	94.76	.040-50	86
	60				57			.64		.50		87
	61				57			.59		.54		87
	62				42			.50		.34		87
	63				73			.93		.52		86
	64				46			.48		.43		86
	65			94	56			.58		.53		87
	66				84			.84		.83		87
	67				39			.42		.36		86
	68				92			95.11		94.67		86
	69				42			94.50		.33		88
	70			94	59			.64		.53		87
	71				54			.58		.49		87
	72			94	46			94.56		9436		87
3/7	8893	Bunge-Driver	Zn=	4.83			8934	Zn=	4.60			
	98			75	P=	0.017	39		4.68	P=	0.002	
	8903			70			8944		.68			
	07			68			48		.63			
	8913			4.88	P=	0.017	8953		4.68	P=	0.004	
	18			.95			58		.68			
	8922			.80			8962		.85			
	27			4.78	P=	0.008	66		4.80	P=	0.003	
	8932			.85			8970		.75			
3/8	13-157M 73	Olin Corp	1¢	94	67		Hi=	94.68	Low=	9466	.040-50	86
	74				65			66		.64 ✓		87
	75				48			48		.47		87
	76			94	54			9456		9452		87
3/8	13-276M 4	Olin Corp	10¢	91	61		VRQ=	8.27	0.04	0.10	0.040-41	87
	5				48			.25	.04	.10 ✓		86
	6				50			.30	.05	.09 ✓		85
	7			91	46			8.28	0.04	0.10	.040	85

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES	Zn DEC.	DELIVERED MW OUNCES	1ST DEC. etc.
3/8	73-155M 77	Olin Corp 25%	9151		VKQ = 8.33	0.09	0.09	.054 88
3/8	8975	Bronze-Denver Zn =	485		9020 Zn =	460		
	80		483 P = 0.012		25	470	P = 0.003	
	85		.68		30	.63		
	88		.93		34	.65		
	93		.83		39	458	P = 0.004	
	98		495 P = 0.005		44	.65		
	9002		85		48	.78		
	07		83		9052	480	P = 0.035	
	12		490 P = 0.004		57	485		
3/8	73-156M 83	Olin Corp 5%	7456		VKQ = 2499		0.063-64	T 89
	84		64		.86		✓	89
	85		56		.80		✓	86
	86		61		.61		✓	88
	87		7448		2497		✓	89
3/9	9061	Bronze-Denver Zn =	4.75		9102 Zn =	465		
	66		4.78 P = 0.017		06	.75		
	71		.88		11	4.68	P = 0.003	
	74		.75		16	5.05		
	78		.80		20	.08		
	83		4.75 P = 0.005		25	5.10	P = 0.003	
	88		.83		29	.00		
	92		.75		33	495		
	97		4.80 P = 0.008		9137	5.10	P = 0.007	
3/12	9142	Bronze-Denver Zn =	4.95		9183 Zn =	475		
	47		5.03		87	.75		
	9152		5.00 P = 0.010		9192	473	P = 0.008	
	55		.00		97	.98		
	59		493		9201	.75		
	9164		5.05 P = 0.029		06	4.75	P = 0.010	
	69		.00		11	5.00		
	73		483		15	.00		
	9178		5.00 P = 0.026		9220	5.05	P = 0.018	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
				90 Copper		80 Nickel	ZN	MN	157
3/13	9224	Bronze Denom	Zn=	4.90		9269	Zn= 4.70		
	29			93		74	4.65	P= 0.004	
	34			4.95	P= 0.002	79	.70		
	37			85		82	.65		
	42			78		35	.73		
	47			4.90	P= 0.007	90	4.68	P= 0.005	
	51			.90		97	.90		
	56			.83		9301	5.00		
	9261			4.85	P= 0.003	05	5.00	P= 0.021	
3/14	9310	Bronze Denom	Zn=	490		9353	Zn= 5.13		
	15			495	P= 0.000	57	5.10	P= 0.016	
	20			5.00		62	.15		
	23			.05		67	.15		
	27			4.93		71	5.13	P= 0.015	
	32			4.95	P= 0.005	76	4.73		
	37			.95		81	5.10		
	41			.95		85	5.15	P= 0.003	
	9346			4.63	P= 0.002	9390	5.15		
3/14	73-157M 77	Olin Corp	14	94 60	Hi=	9473	Low=	9447	.049-.50 85
	78			9441		9441		9440	.049 87
3/15	9394	Bronze-Denom	Zn=	4.70		9435	Zn= 5.15		
	99			.85	P= 0.016	40	.10		
	9404			5.00		45	5.20	P= 0.007	
	07			.00		49	.15		
	11			4.65		54	.15		
	16			5.25	P= 0.006	59	5.15	P= 0.009	
	21			4.93		63	.05		
	25			5.05		67	.10		
	9430			4.98	P= 0.004	9472	5.00	P= 0.005	
3/15	73-157M 79	Olin Corp	14	94.78		Hi= 9478	Low=	9477	.049-.50 86
3/16	9476	Bronze Denom	Zn=	4.85		9489	Zn= 4.75		
	81			.90		93	.88		
	9486			4.90	P= 0.010	9498	4.83	P= 0.008	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	Dec.	RECEIVED % Nickel OUNCES	Dec.	DELIVERED OUNCES	Dec.
3/16	9500	Bronze-Dimes Zn=	4.83		9531 Zn=	4.95		
	07		.85		35	5.00		
	12		4.85 P= 0.010		40	4.95	P= 0.010	
	17		.98		45	.95		
	21		.90		9550	5.00	P= 0.013	
	9526		5.00 P= 0.013		—	—		
3/16	73-276M 8	Olin Corp 104	91.35		WQ= 8.26	0.03	8.10 10.41	86
	9		91.51		8.28	0.04	0.09 10.00-41	86
3/19	9555	Bronze-Dimes Zn=	4.85		9604 Zn=	5.20	P= 0.006	
	60		.85		09	.20		
	65		4.83 P= 0.008		14	.20		
	68		.95		18	5.13	P= 0.008	
	72		.83		23	.15		
	77		4.98 P= 0.001		28	4.93		
	82		.93		32	4.93	P= 0.013	
	86		.98		36	5.10		
	91		4.98 P= 0.005		41	.03		
	96		5.10		9645	5.20	P= 0.007	
	9600		.15		—	—		
3/20	9652	Bronze-Dimes Zn=	4.85		9700 Zn=	4.93	P= 0.008	
	57		4.88 P= 0.009		05	.78		
	62		.85		10	.98		
	65		5.08		19	4.78	P= 0.017	
	70		.00 P= 0.005		23	.78		
	75		4.85		28	.83		
	80		5.08		33	4.83	P= 0.015	
	85		4.98 P= 0.006		37	.85		
	90		.80		42	.85		
	9695		4.93		9746	4.80	P= 0.012	
3/20	333	Nickel Ingot Dimes Cu=	74.83 Ni= 24.91		347 Cu=	74.83	Ni= 24.99	
	38		.80 .83		352	.76	.76	
	342		74.76 24.91		357	74.87	74.41	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED % Nickel OUNCES	RECEIVED Zn DEC.	DELIVERED Mar OUNCES	DELIVERED DEC.
3/21	9751	Bronze Ingot D Zn=	4.80		9792 Zn=	4.83		
	56		.80		96	.80		
	61		4.88	P= 0.013	9801	4.80	P= 0.04	
	64		5.15		06	.85		
	68		.10		10	.80		
	73		4.90	P= 0.010	15	4.88	P= 0.016	
	78		5.10		20	.95		
	83		.08		24	.98		
	9788		4.95	P= 0.011	9829	4.83	P= 0.011	
3/21	361	Nickel Ingot D Cu=	74.72	Ni= 25.14	389 Cu=	74.53	Ni= 25.06	
	65		.95	24.87	394	.65	24.99	
	370		61	25.18	99	.95	25.04	
	75		61	.06	403	.91	.06	
	380		61	.21	08	.91	.06	
	85		74.76	25.14	413	74.80	25.14	
3/22	9833	Bronze Ingot D Zn=	4.85		9869 Zn=	4.85	P= 0.010	
	38		.90		74	.85		
	43		4.98	P= 0.029	78	.83		
	46		.80		83	4.90	P= 0.016	
	50		.90		88	.88		
	60		4.80	P= 0.010	92	.88		
	9864		4.83		9897	4.88	P= 0.014	
3/22	417	Nickel Ing D. Cu=	74.87	Ni= 25.03	444 Cu=	74.84	Ni= 25.10	
	21		.50	.25	49	.83	.10	
	27		.76	.18	54	.53	24.99	
	30		.83	.06	58	.68	.99	
	35		.83	.14	63	.61	25.03	
	440		74.53	25.06	468	74.91	.06	
	73-157 M 80	Olin Corp 14	94 53	Zn= 94.59	Low=	94.47	94.48-50	85
	81			47	.51	.43	049-51	85
	82			47	49	.45	049-50	85
	83			57	.63	.57	050-51	86
	84		94 72		94.77	94.67	049-50	86

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED % Nickel OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3/23	472	Nickel Ing - D	Cu =	74.95	Ni = 2504	498	Cu = 74.57	Ni = 2503	
	77			.83	.03	503	75.03	2495	
	82			.68	.14	07	74.98	25.01	
	85			.61	2495	12	.50	.03	
	90			.83	25.06	16	.50	.03	
	4.95			75.03	24.50	521	7483	25.10	
3/23	9902	Bronze Ing. D	Zn =	4.90		9939	Zn = 4.78	P = 0.008	
	07			5.00		43	.90		
	12			4.95	P = 0.003	47	.90		
	15			.68		52	4.85	P = 0.013	
	20			.75		55	.90		
	25			4.70	P = 0.004	59	.90		
	29			.73		9963	4.90	P = 0.016	
	9934			4.15		—	—	—	
3/23	73-157 M 85	Olin Corp	1d	94 58	Ni =	9465	Lno =	94.57 049-50	86
	86			47		.52		.41 050-57	83
	87			94 50		9454		9446 049-50	86
3/26	9967	Bronze Ingot-D	Zn =	4.95		10020	Zn = 4.90	P = 0.022	
	72			.90		24	.78		
	77			4.88	P = 0.013	29	.93		
	80			.93		10034	4.88	P = 0.024	
	85			.90		38	.85		
	90			4.85	P = 0.033	43	.93		
	94			.90		47	5.05	P = 0.011	
	99			.80		10050	5.00		
	10000			4.85	P = 0.028	—	—	—	
3/26	526	Nickel Ingots - D	Cu =	74.61	Ni = 25.33	540	Cu = 74.39	Ni = 25.21	
	31			61	.25	44	.50	.21	
	536			74.24	25.29	547	7475	25.24	
3/26	73 276 M -10	Olin Corp	10d	91 80		8 34	0.05	0.09 041-42	87
	-11			38		32	.06	.08 ✓	87
	-12			33		32	.10	.07 ✓	88
	-13			9132		835	0.08	0.08 ✓	88

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3/27	10054	Bernz Ing-D	Zn=	4.90	Ni=	10095	Zn= 5.08		
	59			4.78	P= 0.013	99	5.13	P= 0.005	
	64			.93		10104	.05		
	67			5.15		08	4.90		
	71			5.15	P= 0.016	112	.93		
	76			.15		17	4.93	P= 0.016	
	82			.18		22	.80		
	86			5.15	P= 0.014	26	.90		
	100 91			.20		10131	4.90	P= 0.015	
3/27	550	Nickel Ing-D	Cu=	75.03	Ni= 24.57	573	Cu= 74.75	Ni= 2524	
	55			.17	.82	77	.72	.14	
	560			74.91	.68	580	.65	.29	
	64			.57	25.29	84	.61	.14	
	69			74.46	25.18	588	74.95	24.87	
3/27	73-157 88	Olin Corp	14	94	54 Ni=	94	59 Zn=	9448 .049 51	88
	89				72		87	.51 .049 50	86
	90				67		73	.161 ✓	86
	91				75		76	.74 ✓	87
	92				51		57	.45 ✓	88
	93				82		89	.74 ✓	81
	94			94	68	94	70	9465 ✓	88
3/28	10138	Bernz Ingots-P	Zn=	5.00		10197	Zn= 4.85		
	10143			5.05	P= 0.010	10202	4.83	P= 0.011	
	48			4.75		10211	.90		
	10151			95		14	4.80	P= 0.010	
	56			4.85	P= 0.020	16	5.08		
	10161			.93		10220	.07		
	65			.90		25	.05		
	10170			4.88	P= 0.015	10230	5.03	P= 0.011	
	75			.90		34	.07		
	79			5.03		39	.05		
	10183			5.08	P= 0.014	10244	4.90		
	10193			4.90		48	4.88	P= 0.011	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Nickel OUNCES	RECEIVED Nickel DEC.	DELIVERED Mint OUNCES	DELIVERED Mint DEC.	DELIVERED Ist Ass't
3/28	10253	Bronze-Eng D.	Zn=	4,85		10272	Zn= 4,90			
	58			,88		75	,83			
	10262			4,90	P= 0,005	79	4,90		P= 0,018	
	67			,83		10283	,85			
3/29	10287	Bronze-Eng D	Zn=	4,88		10365	Zn= 4,93			
	92			4,85	P= 0,019	70	,93			
	97			,85		74	5,00		P= 0,008	
	10300			5,08		79	4,90			
	05			5,10	P= 0,005	84	5,10			
	10			,08		88	4,93		P= 0,020	
	14			,08		93	5,13			
	19			5,03	P= 0,003	98	4,93			
	24			,13		10402	4,90		P= 0,011	
	28			4,95		07	,93			
	32			5,00	P= 0,020	12	,93			
	37			4,83		16	4,93		P= 0,014	
	42			5,08		20	,93			
	46			4,98	P= 0,007	24	,88			
	51			5,00		29	4,90		P= 0,010	
	56			,00		10433	4,95			
	10360			4,98	P= 0,012	—	—		—	
3/29	73-157 M 95	Olin Corp	14	94	57 24	94	66 Low=	94,48	1049-50	86
	96				68		75	,60	1049-51	87
	97				82		89	,75	1049-50	87
	98				85		89	,80	✓	86
	99				65		73	,56	1050	87
	100				87		96	,78	1049-50	✓
	101				91	95	01	,81	✓	✓
	102				79	94	89	,69	✓	✓
	103			94	88	94	91	94,85	1048-51	✓
3/29	73-276 M 14	Olin Corp	104	91	45	8	34 0,03	0,07	1041	88
	15				39		32 ,07	,08	1041-42	85½
	16			91	38	8	35 0,06	0,07	✓	86
	cont									

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3/29	73-276 M 17	Olin Corp	10d	91	45	836	0.06	0.07	84-42 86
	18			91	39	834	0.07	0.08	V 85
3/30	10440	Bunzl Ing D.	Zn=	493		10528	Zn= 4.93	P= 0.019	
	45			4.88	P = 0.008	32	5.10		
	50			.90		36	.05		
	53			.88		41	5.03	0.007	
	57			4.85	P = 0.009	46	.20		
	62			.88		50	.00		
	67			.90		55	5.05	0.007	
	71			4.83	P = 0.004	60	4.90		
	76			.90		64	.93		
	81			.93		69	4.85	0.023	
	85			4.98	P = 0.020	74	.90		
	90			.93		78	.93		
	95			5.03		83	4.93	0.006	
	99			5.10	P = 0.006	92	.90		
	10504			.03		97	4.90	0.021	
	09			4.95		10602	.85		
	13			5.10	P = 0.011	06	.90		
	18			.00		10611	4.95	0.007	
	10523			4.95		10588	4.83		
4/2	10616	Bunzl Ing D	Zn=	5.00		10671	Zn= 4.95		
	21			4.88	P= 0.010	75	4.93	P= 0.009	
	26			93		80	5.00		
	29			95		85	.03		
	34			4.93	P= 0.007	89	5.00	P= 0.009	
	39			95		99	.00		
	43			98		10703	5.08	P = 0.003	
	48			5.00	P= 0.009	08	.00		
	53			4.85		13	5.10	P= 0.003	
	57			98		17	.03		
	61			4.95	P= 0.004	22	.03		
	66			5.03		23	5.00		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1913	DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4/2	10726	Bronze Ing. D Zn=	5.05 P= 0.006		10768 Zn=	4.83	P= 0.013	
	31		.00		73	.88		
	36		.05		78	.98		
	40		5.00 P= 0.005		82	4.88	P= 0.018	
	45		5.00		87	.95		
	50		4.85		92	5.00		
	54		4.88 P= 0.009		96	5.00	P= 0.013	
	59		.83		10801	.05		
	10764		4.88		10806	4.88		
4/2	73-157m 104	Mintcap 12	94 63	24	94 72	Low=	94.53	104.50 85
	105		70		73	1	67 ✓	85
	106		74		84		.63 ✓	86
	107		94 65		94 67		94.63 ✓	86
4/3	10812	Bronze Ing D Zn=	4.90 P= 0.005		10812 Zn=	4.93		
	17		.93		18	.90		
	22		.85		10890	.85		
	25		4.85 P= 0.014		10904	.70		
	29		83		22	5.00	P= 0.003	
	10834		88		27	.00		
	39		4.85 P= 0.016		32	4.88		
	43		.85		36	5.00	P= 0.004	
	48		.85		41	.03		
	53		4.95 P= 0.006		46	.00		
	57		5.05		10950	5.05	P= 0.005	
	10862		4.98		55	4.95		
	67		4.95 P= 0.010		60	.95		
	71		5.03		64	5.00	P= 0.009	
	76		.05		69	4.98		
	81		4.85 P= 0.009		74	.95		
	85		5.00		78	4.85	P= 0.012	
	10895		4.90 P= 0.015		10983	.85		
	99		.90		88	.80		
	10909		4.95 P= 0.010		10992	4.85	P= 0.010	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES	Zn DEC.	DELIVERED Mn OUNCES	DEC.
4/3	10997	Bronze Ing-D Zn=	4.88		11006 Zn=	4.93	P= 0.008	
	11002		4.95		11011	.98		
4/3	73-276M 19	Olin Corp 10¢	91 39		RxO= 8.35	0.06	0.07 1041-42	85½
	20		91 45		8.33	0.07	0.08 "	85
4/4	11014	Bronze Ing D Zn=	4.73		11115 Zn=	5.10	P= 0.006	
	19		4.88	P= 0.011	21	4.93		
	24		5.00		25	.90		
	27		4.75		30	4.93	P= 0.006	
	32		4.78	P= 0.010	35	.95		
	37		.90		39	.93		
	41		.75		44	4.90	P= 0.007	
	46		4.83	P= 0.006	49	.90		
	11051		.75		11153	.90		
	55		.70		58	4.90	P= 0.018	
	59		4.95	P= 0.009	63	.90		
	64		98		67	.85		
	69		75		72	4.88	P= 0.021	
	73		5.05	P= 0.011	77	.88		
	78		4.75		81	.70		
	83		5.05		86	4.85	P= 0.022	
	87		5.10	P= 0.013	91	.75		
	92		.08		95	.88		
	97		.08		11200	4.83	P= 0.022	
	11101		5.10	P= 0.013	05	5.03		
	06		.10		11208	4.98		
	11111		4.98		—	—	—	
4/5	11211	Bronze Ing-D Zn	5.20		11242 Zn=	5.18	P= 0.001	
	16		4.98	P= 0.010	47	.13		
	21		98		52	4.85		
	24		5.05		56	4.83	P= 0.008	
	28		5.15	P= 0.003	61	.90		
	33		.18		66	.88		
	38		.13		11271	.85	P= 0.005	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS #	DESCRIPTION		GROSS WEIGHT (Copper) OUNCES	GROSS WEIGHT (Copper) DEC.	RECEIVED (Nickel) OUNCES	RECEIVED (Nickel) DEC.	DELIVERED OUNCES	DELIVERED DEC.
4/5	11276	Bronze Ing-D	Zn=	4.90		11342	Zn= 4.90	P= 0.011	
	80			98		47	.88		
	84			4.93	P= 0.010	52	.90		
	89			5.00		56	4.93	P= 0.008	
	94			4.88		61	.88		
	98			4.90	P= 0.007	66	.83		
	11303			.95		70	4.88	P= 0.008	
	10			.93		75	.85		
	14			4.90	P= 0.007	80	.85		
	19			.85		84	4.93	P= 0.010	
	24			.93		89	.83		
	28			4.90	P= 0.006	11394	5.00		
	33			.85		98	4.90	P= 0.012	
	11338			.90		11403	5.03		
4/5	13-157 103	Olin Corp	14	94.73		Zn= 94.77	Zn= 94.68	1049-51	86
	109			.84		.94	.74 ✓		86
	110			.87		.88	.85 1049-50		86
	111			.50		.55	.44 ✓		85
	112			94.69		94.79	94.58 ✓		86
4/6	11406	Bronze Ing-D	Zn=	4.98		11410	Zn= 4.75	P= 0.003	
	11			98		75	5.00		
	16			4.88	P= 0.006	79	4.90		
	19			5.03		84	5.08	P= 0.013	
	23			.00		89	.00		
	28			5.00	P= 0.008	93	.00		
	33			4.98		98	5.00	P= 0.008	
	37			5.00		11503	.00		
	42			4.95	P= 0.013	07	4.93		
	47			5.03		12	4.98	P= 0.004	
	51			.10		17	.93		
	56			4.80	P= 0.005	21	5.00		
	61			5.13		26	5.00	P= 0.008	
	11465			5.10		11531	5.03		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED Nickel OUNCES	RECEIVED ZN DEC.	DELIVERED MN OUNCES	DELIVERED DEC.
4/6	11535	Bronze Ing - D	ZN=	5.00		11573	ZN= 4.88		
	40			5.00	P= 0.000	77	.93		
	45			4.83		82	4.85	P=0.007	
	49			.90		87	.93		
	54			4.88	P= 0.011	91	.85		
	59			.80		96	4.95	P=0.008	
	63			.83		11600	.90		
	11568			4.85	P= 0.012	04	4.85		
4/9	11607	Bronze Ing - D	ZN=	4.85		11704	ZN= 5.10		
	12			4.85	P= 0.007	08	5.05	P= 0.000	
	17			5.00		13	.15		
	20			4.95		18	.08		
	24			5.10	P=0.000	22	5.13	P=0.007	
	29			4.95		27	.08		
	34			5.08		32	.03		
	38			5.00	P=0.000	36	5.05	P=0.009	
	43			.08		41	.08		
	48			.05		46	.03		
	52			5.50	P=0.014	50	5.05	P=0.010	
	57			.28		55	4.95		
	62			.05		60	.83		
	66			5.18	P=0.012	64	5.00	P=0.002	
	71			.30		69	4.85		
	76			.00		74	.93		
	80			5.10	P=0.009	78	4.95	P=0.003	
	85			.03		83	.95		
	90			.05		88	.70		
	94			5.10	P=0.004	92	5.00	P=0.006	
	11699			.08		11797	4.98		
4/9	73-276 M 21	Olin Corp	104	91 21		UXQ= 8.39	0.12	0.08	10 41-42 86
	22			37		.35	.11	.08	✓ 84
	23			19		.37	.11	.08	0 42 85
	24			91 22		8.34	0.12	0.08	10 41-42 81

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U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS #	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
4/9	73-157M	Olin Corp .14	94 56		Tkt = 94.58	Low = 94.54	94.50	85
	113		71		.80		62 ✓	85
	114		75		.84		66 ✓	85½
	115		42		.47		.36 ✓	✓
	116		94 56		94.67		94.44 ✓	86
	117							
4/10	11801	Bromy Ing-D ZN=	5.00		11903 ZN=	5.10		
	05		4.95	P=0.008	07	4.90		
	10		5.00		10	.88		
	11		4.93		17	5.10	P=0.004	
	16		.93		21	.05		
	21		4.95	P=0.010	26	.08		
	23		.95		31	5.05	P=0.018	
	27		.85		35	.10		
	32		.98		40	.05		
	34		4.80	P=0.011	45	5.05	P=0.014	
	38		.93		49	.03		
	42		.90		54	.15		
	45		5.28		59	5.15	P=0.002	
	49		5.28	P=0.010	63	.13		
	54		.38		68	.05		
	59		.33		73	5.15	P=0.004	
	63		5.33	P=0.013	77	.15		
	68		.33		82	.15		
	73		4.88		87	4.90	P=0.009	
	77		4.83	P=0.011	91	.90		
	87		.90		11996	4.90		
	11891		.88	P=0.007	—	—	—	
4/10	73-276M 25	Olin Corp 104	91.55		1180 = 8.28	0.11	0.09	0.85
4/11	12000	Bromy Ing-D ZN=	4.98		12023 ZN=	4.88		
	04		4.93	P=0.008	26	.95		
	09		.90		30	.80		
	13		.90		35	4.95	P=0.0[illegible]	
	18		4.85	P=0.012	2040	4.90		

RECEIPT AND DELIVERY OF BULLION

DATE 1913	~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED OUNCES	DELIVERED DEC.
4/11	~~12040~~ 12044	Berry Dry-D Zn=	~~4.96~~ 4.90		12129 Zn=	5.00		
	49		4.95	P=0.015	34	4.88	P=0.007	
	54		4.93		39	5.00		
	58		.95		43	4.95		
	63		5.03	P=0.010	48	5.00	P=0.021	
	68		4.93		53	4.93		
	72		95		57	5.10		
	77		5.08	P=0.018	62	4.93	P=0.015	
	82		4.85		67	5.15		
	86		.83		71	.03		
	91		4.80	P=0.013	76	5.05	P=0.003	
	96		.88		81	.10		
	12100		.90		85	.13		
	05		4.90	P=0.014	90	5.08	P=0.004	
	11		.95		95	4.90		
	15		.80		99	.85		
	120		4.83	P=0.005	12204	4.85	P=0.013	
	125		.85		—	—	—	
4/12	12208	Berry Dry-D Zn=	5.08		12271 Zn=	4.70	P=0.025	
	12		.05		75	.65		
	17		5.05	P=0.003	80	.65		
	20		.00		85	4.70	P=0.023	
	24		.15		89	.70		
	29		5.05	P=0.008	12290	.75		
	31		.28		94	.65		
	34		.25		99	4.75	P=0.006	
	38		.20		12304	.73		
	43		5.25	P=0.003	08	.73		
	48		.20		12313	4.73	P=0.016	
	52		.25		27	.90	P=0.025	
	57		5.23	P=0.004	31	.90		
	62		4.95		36	.90		
	67		5.10		12341	4.90	P=0.018	

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4/12	12345	Bronze Ing-D Zn=	485		12378 Zn=	485		
	50		,88		83	4.85	P=0,003	
	55		4.85	P=0,018	87	,83		
	59		,93		92	,90		
	64		,88		97	4,83	P=0,000	
	69		4,88	P=0,015	12401	,83		
	73		4,90		406	4,80		
4/12	73-157M 118	Olin Corp 14	9460		Zn= 9462	Low= 94,58	1049-.57	85
	119		66		,70	,62	1049-50	85
	120		52		,63	,45 ✓		86
	121		69		9503	,34 ✓		86
	122		63		95,01	,05 ✓		83
	123		61		94,86	,40 ✓		86
	124		79		,80	,78	,050	85
	125		60		,69	,50	1049-50	86
	126		94 85		9495	94,75 ✓		85
4/12	73-276M 26	Olin Corp 104	91 29		WQ= 8.28	0.14	0.10	1042 86½
	27		34		,32	,12	,09	1041-42 86
	28		58		,28	,10	,09 ✓	87
	29		91 56		8.30	0.07	0.08 ✓	86½
4/13	12411	Bronze Ing-D Zn=	4.70	P=0.002	12469 Zn=	4.90		
	15		75		74	,88		
	20		98		79	4,83	P=0.010	
	24		4,85	P=0,000	83	,90		
	29		5.00		88	,90		
	34		,10		93	4,93	P=0.000	
	37		5.00	P=0,003	97	,80		
	41		4.95		12500	,93		
	46		93		07	4,83	P=0,007	
	51		4,93	P=0.000	11	,85		
	55		95		16	,93		
	60		93		20	4,93	P=0,005	
	65		4,80	P=0,004	24	,90		

RECEIPT AND DELIVERY OF BULLION

DATE 1913	melr DRAFTS #	DESCRIPTION	GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Nickel OUNCES	RECEIVED Zn DEC.	DELIVERED mr OUNCES	DELIVERED Zn DEC.
4/13	12579	Bronze Ing-D Zn=	4.88		12571 Zn=	5.05		
	34		4.80	P=0.003	76	.00	P=0.002	
	38		.83		580	4.95		
	43		.85		.85	.95		
	48		4.95	P=0.007	90	4.93	P=0.000	
	52		5.10		94	5.05		
	57		.10		99	4.95		
	62		5.05	P=0.006	12604	5.00	P=0.007	
	12566		.10		08	4.88		
4/13	13-1571M 127	Blin Corp 14	94.63		Nic = 94.66	Zn=	94.59	.049 .050 86
	128		.68		.68		.67	r 84
	129		.68		.68		.67	r 85
	130		94.78		94.80		94.75	.050 .051 86
4/16	12612	Bronze Ing-D Zn=	4.95		12710 Zn=	4.80		
	16		5.10	P=0.009	15	.95		
	21		.78		16	.83		
	25		.48		20	4.88	P=0.007	
	30		5.10	P=0.006	~~3.1~~ 22	.83		
	35		4.85		24	.90		
	40		.88		25	.83		
	45		4.85	P=0.008	30	.90		
	50		.88		34	4.88	P=0.004	
	55		5.08		38	.88		
	60		5.03	P=0.000	44	.90		
	65		.00		48	4.83	P=0.000	
	70		.05		53	.80		
	75		5.03	P=0.000	58	.88		
	80		.08		62	4.93	P=0.000	
	85		4.85		67	.83		
	90		4.85	P=0.002	72	.85		
	95		.83		76	4.93	P=0.004	
	12700		.85		81	.88		
	05		4.85	P=0.003	86	.83		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS #	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
4/16	12790	Bronze Ing-D Zn=	4.88	P=0.007	12795 Zn=	4.85	—	—
4/17	12799	Bronze Ing-D Zn=	4.85		12899 Zn=	4.70	P=0.003	
	12803		4.95	P=0.000	12914	4.75	P=0.000	
	08		85		18	.80		
	12		5.03		23	80		
	16		4.70	P=0.000	28	4.83	P=0.002	
	21		78		32	.80		
	23		85		37	85		
	27		65		42	4.80	P=0.000	
	32		4.63	P=0.000	46	.75		
	34		93		51	70		
	38		88		56	4.75	P=0.000	
	43		4.90	P=0.002	60	.73		
	48		88		65	78		
	52		85		70	4.83	P=0.005	
	57		4.83	P=0.000	74	.83		
	62		90		79	.85		
	66		85		84	4.88	P=0.006	
	71		4.90	P=0.003	88	.80		
	76		.70		93	.85		
	80		78		98	4.70	P=0.000	
	85		4.70	P=0.000	13002	.70		
	90		70		13007	4.75		
	94		68		—	—	—	—
4/17	73-276M	Olin Corp 10¢	91.58		WD= 8.26	0.04	0.09	1042 85
	30				8.28	0.04	0.09	✓ ✓
	31		91.53					
4/17	73-154M	Olin Corp 1¢	94.79	Hi	9483 Low=9474			1049-50 86
	131				.69	.44		✓ 86
	132		57		.66	.59		✓ 86,
	133		63		94.80	94.77		✓ 852
	134		94.79					
4/18	13011	Bronze Ing-D Zn=	5.05	P=0.009	13024 Zn=	5.10	P=0.009	
	15		.10		28	4.78		
	20		4.85		13033	5.28		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED Nickel OUNCES	RECEIVED ZN DEC.	DELIVERED Mn OUNCES	DELIVERED DEC.
4/18	13035	Bronze Ing-D Zn=	4.90		13114 ~~13114~~ Zn=	4.88		
	39		4.80	P=0.004	18	4.80	P=0.004	
	43		.85		23	.88		
	46		5.03		28	.85		
	50		5.05	P=0.007	32	4.93	P=0.004	
	55		.00		37	.88		
	60		.05		42	.83		
	64		5.03	P=0.004	46	4.83	P=0.002	
	69		.05		51	.85		
	74		4.83		56	.90		
	78		4.85	P=0.002	60	4.90	P=0.002	
	88		.83		65	.93		
	92		4.85	P=0.004	70	5.00		
	13100		.90		74	4.90	P=0.002	
	02		.80		79	.90		
	04		.80		13184	5.25		
	06		4.75	P=0.008	88	5.15	P=0.000	
	13109		.80		13192	.15		
4/18	592	Nickel Ingots-D	74 95		VXQ= 2483			
	597		74 72		2495			
4-19	13194	Bronze Ing D Zn=	4.90		13247 Zn=	4.90	P=0.001	
	98		.90		52	.85		
	13203		4.85	P=0.003	57	.85		
	07		.83		61	4.85	P=0.004	
	11		.80		66	5.00		
	16		5.10		71	4.85		
	18		4.85	P=0.007	75	4.88	P=0.002	
	22		.93		80	.95		
	26		5.10		85	.80		
	29		4.90		89	4.78	P=0.005	
	33		4.85	P=0.000	94	.83		
	38		.88		99	.78		
	43		.83		13303	4.70	P=0.000	

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED % Nickel OUNCES	RECEIVED Zn DEC.	DELIVERED mint OUNCES	DELIVERED IST etc DEC.
4/19	13308	Bunze Ing-D Zn=	4.78		15359 Zn=	4.95		
	13		4.75	P=0.002	64	88		
	17		.80		69	4.90	P=0.000	
	22		.78		73	.90		
	27		4.73	P=0.000	78	5.00		
	31		.78		83	4.93	P=0.000	
	36		.75		87	.98		
	41		4.95	P=0.003	92	.95		
	45		.93		97	4.95	P=0.000	
	13350		.90		13401	5.10		
	55		4.90	P=0.000	—	—	— —	—
4/20	13405	Bunze Ing-D Zn=	4.90		13516 Zn=	4.80		
	09		.93		11	4.85	P=0.007	
	14		4.95	P=0.007	19	.85		
	19		.95		23	4.78	P=0.000	
	24		.90		28	.80		
	29		5.18	P=0.000	33	.80		
	32		.00		37	4.73	P=0.003	
	36		.03		42	.85		
	41		5.10	P=0.006	47	.78		
	46		.00		51	4.73	P=0.003	
	50		.10		56	.68		
	55		5.13	P=0.006	61	.80		
	60		4.93		65	4.78	P=0.004	
	64		.88		70	.78		
	69		4.98	P=0.003	75	.95		
	74		.98		79	4.98	P=0.000	
	78		.90		84	5.03		
	83		4.98	P=0.008	89	.08		
	88		.80		93	4.98	P=0.000	
	92		.85		98	.98		
	97		4.78	P=0.009	13603	5.00		
	13502		.83		05	5.03	P=0.002	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mell DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	DEC.	RECEIVED OUNCES	DEC.	DELIVERED OUNCES	DEC.
4/20	73-276M 32	Olin Corp 10¢	91	71	VRQ= 8.21	0.06	009 1042	86
4/20	73-157M 135	Olin Corp 1¢	94	96	Hi = 9497	Low =	94.94 1049-50	86
	136			86	.87		.84 ✓	86
	137		94	91	94.92		9490 1050	86½
4/20	73-524M 1	Bridgeport Br 1¢	94	40	Hi = 94.40	Low =	9439 1044-50	85½
	2			58	.68		.44 ✓	86
	3		94	74	9488		94.59 1050	85½
4/23	13609	Comp Ing-D Zn =	498		13695 Zn =	4.83		
	13		5.00		13700	4.90	P=0.003	
	18		495	P=0.001	05	.88		
	22		88		09	.83		
	26		.95		14	4.83	P=0.006	
	31		5.08	P=0.006	19	.85		
	35		4.90		23	.85		
	39		85		28	4.90	P=0.004	
	44		4.93	P=0.003	33	.85		
	49		.90		37	.93		
	53		.90		42	4.88	P=0.004	
	58		4.93	P=0.006	47	5.03		
	63		5.05		51	.00		
	67		4.98		56	4.98	P=0.002	
	72		493	P=0.001	61	5.05		
	77		.98		65	.00		
	81		95		70	4.95	P=0.004	
	86		4.98	P=0.005	74	.83		
	13691		4.88		13778	4.80		
4/23	73-157M 138	Olin Corp 1¢	9469		Hi = 9471	Low =	9466 1052	15½ 86½
	139			71	.80		.61 1057	✓
	140			83	.92		.73 ✓	87
	141		9475		9486		9463 ✓	86½
4/23	73-157M 142	Olin Corp 1¢	9475		Hi = 9482	Low =	9467 1050	87
	143		9476		9483		9470 1052	86½
4/23	73-524M 4	Bridgeport Br 1¢	9439		Hi = 9441	Lo =	9436 1051	86½

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DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4/24	13782	Bronze Dry-D Zn=	4.90		13887 Zn=	5.28		
	86		4.90	P=0.002	91	.33		
	91		5.25		96	5.28	P=0.000	
	95		4.93		13901	4.78		
	99		4.98	P=0.005	05	.78		
	13804		.73		10	.78		
	06		.88		15	4.78	P=0.000	
	10		.90		19	.83		
	14		5.15	P=0.002	24	.85		
	17		4.93		29	5.50	P=0.000	
	21		.93		33	.50		
	26		4.90	P=0.001	38	.55		
	31		.90		43	5.55	P=0.002	
	35		.90		47	.53		
	13840		4.98	P=0.006	52	.53		
	45		.98		57	4.88	P=0.000	
	49		5.00		61	.78		
	54		5.00	P=0.006	66	.83		
	59		4.98		71	5.00	P=0.002	
	63		5.00		75	.08		
	68		4.93	P=0.016	80	4.85		
	73		5.25		85	4.93	P=0.001	
	77		.30		89	.90		
	13882		5.30	P=0.002	13994	4.88		
4/25	13998	Bronze Dry-D Zn=	4.93	P=0.010	14033 Zn=	5.28		
	14002		85		37	.10		
	07		5.03		14042	5.35	P=0.000	
	11		4.90	P=0.008	47	.10		
	15		5.38		14051	.30		
	20		.00		56	5.40	P=0.005	
	22		.38		14061	4.90		
	26		5.35	P=0.002	65	.95		
	30		5.00		14070	4.85	P=0.001	

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT Ounces (% Copper)	Dec.	RECEIVED Ounces (% Nickel)	Dec. (Zn)	DELIVERED Ounces (Mint)	Dec.
4/25	14075	Bronze Ing-D	Zn=	4.90		14145	Zn= 5.00		
	79			.90		49	4.98		
	84			5.00	P=0.007	54	5.03	P=0.003	
	89			4.83		59	4.95		
	93			.90		63	.95		
	98			4.90	P=0.009	68	5.00	P=0.007	
	14103			.85		73	.20		
	07			.90		77	.25		
	12			4.90	P=0.009	82	5.25	P=0.006	
	17			.83		87	.23		
	21			.83		91	.28		
	26			4.80	P=0.001	96	5.10	P=0.005	
	31			.80		14301	.00		
	35			.80		05	4.90		
	14140			4.80	P=0.003	14210	5.00	P=0.010	
4/25	73-157 M 144	Olin Corp	14	94	80	Tk = 94.90	Low = 94.70	94.70	50 86
	145				87	.95		.78	1050-51 ✓
	146				86	.93		.79	1149-50 ✓
	147			94	84	94.84		94.83	✓ 87
4/26	14214	Bronze Ing-D	Zn=	5.10		14272	Zn= 4.98	P=0.002	
	18			.10		77	5.10		
	23			.08	P=0.010	81	.10		
	27			4.98		86	4.98	P=0.013	
	31			5.03		91	5.10		
	36			4.98	P=0.010	95	.03		
	38			5.45		14300	4.98	P=0.005	
	42			.10		05	5.45		
	46			.30		09	.40		
	49			.00	P=0.010	14	.50	P=0.008	
	53			4.98		19	.50		
	58			5.00		23	.50		
	63			4.98		28	.40	P=0.000	
	14267			5.03		14329	4.80		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	DEC.	RECEIVED ~~OUNCES~~	DEC.	DELIVERED OUNCES	DEC.
4/26	14333	Bronze Ing-D Zn =	4.85		14375 Zn = 5.05		P = 0.010	
	38		.83		80	.00		
	43		.88	P = 0.000	85	4.93		
	47		.80		89	.93	P = 0.010	
	52		.70		94	.95		
	57		5.05	P = 0.007	99	.90		
	61		.05		14403	.93	P 0.005	
	66		.05		14408	4.85		
	14371		5.08					
4/27	14413	Bronze Ing-D Zn =			14518 Zn =			
	17			P = 0.010	22			
	22				27		P = 0.000	
	26				32			
	30			P = 0.010	36			
	35				41		P = 0.000	
	37				46			
	41				50			
	45			P = 0.016	55		P = 0.000	
	48				60			
	52				64			
	57			P = 0.002	69		P 0.013	
	62				74			
	66				78			
	71			P = 0.005	83		P = 0.013	
	76				88			
	80				92			
	85			P = 0.002	97		P = 0.002	
	90				14602			
	94				06			
	99			P = 0.008	11		P = 0.002	
	14504				15			
	08				18			
	14513			P = 0.010				

RECEIPT AND DELIVERY OF BULLION

DATE 1973		Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT Ounces (Copper)	GROSS WEIGHT Dec.		RECEIVED Ounces (Nickel)	RECEIVED Dec.		DELIVERED Ounces	DELIVERED Dec.
4/27	73-	276M 33	Olin Corp	10¢	91	51		Wxp	8.37	0.05	6.09	.041 .042 86
		34			91	48			8.42	0.04	6.09	.041 .042 86
4/27	73-	524M 5	Bridgeport Brass	1¢	94	56		Ni	94.69	Bal	94.35	.049 .050 84
		6				58			.63	.53		.050 .051 87
		7				46			.63	.23		.049 .050 86
		8				48			.54	.41		.049 86
4/30		14672	Bronze Ing-B	Zn=	5.00			14722	Zn=	5.08		
		26			.03			27		5.00	P=0.009	
		31			5.05	P=0.009		31		.03		
		35			4.90			36		4.98		
		39			5.00			40		4.75	P=0.005	
		44			4.95	P=0.008		45		.75		
		46			88			49		.73		
		50			5.05			54		4.70	P=0.005	
		54			4.95			59		.70		
		57			5.15	P=0.010		63		.75		
		61			.05			68		4.93	P=0.005	
		66			.08			73		.90		
		71			5.15	P=0.011		77		.90		
		75			.15			82		4.90	P=0.006	
		80			.10			87		40		
		85			4.93	P=0.010		91		.88		
		89			.93			96		5.35	P=0.000	
		94			5.15			14801		.35		
		99			4.95	P=0.006		05		.40		
		14703			.98			10		5.30	P=0.002	
		08			5.10			15		.40		
		13			4.95	P=0.008		19		5.33		
		17			.95			—	—	—	—	—
4/30	73-	157M 148	Olin Corp	1¢	94	43		Ni=	94.44	Bal=	94.37	.049 .050 85
4/30	73-	270M 35	Olin Corp	10¢	91	46		WO=	8.38	0.05	0.08	.042 86

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mint DRAFTS #	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED 1st Dec.
			% Copper		% Nickel	Zn	mm	
5/1	14824	Bronze Ing-D Zn=	5.03	P=0.006	14924	Zn= 5.13	P=0.005	
	28		.03		30	4.83		
	33		4.93		34	.75		
	37		5.28	P=0.016	39	4.80	P=0.000	
	41		4.98		44	.83		
	46		.90		48	.80		
	852		4.95	P=0.018	953	4.80	P=0.006	
	56		.98		58	5.03		
	59		5.00		62	.03		
	63		4.88	P=0.006	67	5.08	P=0.011	
	68		.98		72	.05		
	73		5.00		76	.05		
	77		4.95	P=0.005	81	5.00	P=0.008	
	82		.95		86	.00		
	87		5.00		14990	.00		
	91		5.00	P=0.006	95	5.00	P=0.005	
	96		.10		15000	.00		
	14901		.00		04	.00		
	05		.10		09	5.00	P=0.006	
	10		5.10	P=0.005	14	.00		
	15		.10		18	.00		
	14919		5.15		15023	5.08	P=0.013	
	#14	Bronze Medals Cu=	89.74	Zn= 10.00	#21	Cu= 89.62	Zn= 10.23	
	15		.50	.20	22	.66	.20	
	16		.56	.15	23	.58	.15	
	17		.74	.08	24	.64	.20	
	18		.78	.00	25	.42	.12	
	19		.72	.08	26	89.54	10.28	
	20		89.76	10.15	—	—	— —	
5/2	15027	Bronze Ing-D Zn=	5.10		15044	Zn= 5.33		
	31		.00		49	4.98	P=0.010	
	36		4.90	P=0.005	15051	5.05		
	15040		5.00		55	5.35		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~ % copper	DEC.	~~OUNCES~~ % nickel	ZN ~~DEC.~~	MM OUNCES	1ST DEC. etc
5/2	15059	Bronze Ing-D ZN=	4.98		15150 ZN=	4,85		
	62		5.05	P= 0.005	55	,83		
	67		,08		60	4,83	P= 0.000	
	71		,08		64	,85		
	76		5.10	P= ~~0.010~~ 0.007	69	,68		
	80		,05		174	5.00	P= 0.015	
	85		,00		78	,00		
	90		4.90	P= ~~0.010~~ 0.012	83	,00		
	94		5.05		88	5.03	P= 0.016	
	99		4.98		92	4.98		
	15104		4.95	P= ~~0.007~~ 0.015	97	5.00		
	08		,90		15202	5.25	P= 0.011	
	13		,95		06	,35		
	18		4.93	P= ~~0.010~~ 0.003	11	,20		
	22		5.03		16	5.28	P= 0.011	
	27		,00		20	.30		
	32		4.90	P= ~~0.010~~ 0.007	25	,33		
	36		.80		30	5.08	P= 0.008	
	41		,93		34	,05		
	15146		4.88	P= 0.000	15239	4.98		
5/2	73-524 M 9	Bridgeport Br 14	94	24	Ni = 94.26	Lo =	94.21	.049-.050 87
	10			28	,29		,26	.049-.051 86
	11			46	,48		,44	V 86
	12			32	.36		,27	.050 84
	13			23	,26		,19	.049-.051 86
	14		94	36	94.36		94.35	V 86
5/2	73-524 M 15	Bridgeport Br 14	94	28	Ni = 94.29	Lo =	94.27	.050-.051 86
5/3	15215	Bronze Ing D ZN=	5.03	P= 0.013	15267 ZN=	4,88		
	47		30		71	5.13		
	52		50		76	5.05	P= 0.008	
	55		13		82	4.88		
	59		5.35	P= 0.009	86	5.00		
	264		,10		15291	5.08	P= 0.000	

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (% Copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (% nickel)	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/3	15297	Bronze Ing D Zn=	4.98		15383 Zn=	4.80	P=0,000	
	15301		93		98	,85		
	05		5.40	P=0,010	15403	,78		
	311		4.93		68	4.83	P=0,000	
	15		5.05		13	,90		
	320		5.35	P=0,011	18	,45		
	26		,20		24	4.90	P=0,012	
	330		,18		28	,95		
	35		5.18	P=0,008	33	,95		
	41		,08		39	5.25	P=0,004	
	45		,15		43	,20		
	350		5.15	P=0,011	48	,28		
	56		,25		454	5.25	P=0,011	
	60		,28		58	,25		
	65		5.13	P=0,014	63	,25		
	68		,23		69	5.00	P=0,006	
	72		,30		73	,00		
	77		5.10	P=0,011	78	4.95		
	79		4.78		83	4.98	P=0,006	
	383		,75		87	5.03		
	15388		,75		15492	5.00		
5/4	15497	Bronze Ing D Zn=	5.20	P=0,011	15542 Zn=	5.33	P=0,003	
	501		,00		46	,35		
	06		,33		551	38		
	09		,00		56	5.23	P=0,006	
	13		5.20	P=0,007	60	,35		
	18		23		65	,33		
	20		43		71	4.80	P=0,010	
	24		18		75	,95		
	29		4.98	P=0,001	80	,95		
	31		70		85	4.65	P=0,008	
	35		5.05		89	5.25		
	40		,05		15594	4.95		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/4	15598	Bronze Ing-D Zn=	4.60	P=0.007	15671	Zn= 5.03		
	15602		.65		76	.00		
	07		.60		82	4.98	P=0.020	
	13		.58		86	5.00		
	17		4.63	P=0.005	91	4.95		
	22		.65		97	5.00	P=0.012	
	637		4.80	P=0.008	15701	4.98		
	41		.73		06	5.03		
	46		.73		11	4.95	P=0.014	
	52		4.80	P=0.002	16	.80		
	56		.80		21	.78		
	61		.70		26	4.73	P=0.008	
	15667		5.00	P=0.026	15730	4.70		
5/7	15735	Bronze Ing-D Zn=	4.95		15820	Zn= 5.25	P=0.004	
	39		5.03	P=0.016	25	.30		
	44		4.85		29	.20		
	47		5.10		34	5.28	P=0.004	
	51		5.03	P=0.015	39	.20		
	56		4.80		43	.20		
	59		5.25		48	5.23	P=0.001	
	63		4.90	P=0.008	53	4.93		
	68		.95		58	.95		
	771		5.00		63	4.93	P=0.008	
	75		4.93		73	.75		
	79		5.00	P=0.004	77	4.75	P=0.000	
	83		4.90		82	.80		
	87		.90		88	.75		
	92		4.90	P=0.002	72	4.80	P=0.004	
	97		5.33		97	.75		
	15801		.25		15903	5.00		
	06		5.18	P=0.019	07	4.95	P=0.003	
	11		.20		12	.95		
	15		.35		18	.90		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (% copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (% nickel)	RECEIVED DEC.	DELIVERED OUNCES (mint)	DELIVERED DEC.
5/7	15922	Bronze Ing Zn=	4.95	P=0.004	15952 Zn=	4.83	P=0.013	
	27		5.05		57	.95		
	33		4.83		62	.85		
	37		4.80	P=0.016	67	4.73	P=0.006	
	42		.83		72	.83		
	48		5.00		— —	—	— —	—
5/7	15978	Bronze Ing-B Zn=	5.10		16092 Zn=	4.75	P=0.002	
	83		4.88	P=0.005	97	.60		
	88		83		102	.48		
	90		5.10		107	4.65	P=0.000	
	95		4.88	P=0.007	112	.80		
	16000		.85		13	85		
	02		5.05		18	.78		
	07		4.93		123	4.88	P=0.000	
	12		.73		28	.80		
	14		4.95	P=0.008	133	.75		
	19		90		38	4.85	P=0.000	
	24		5.03		143	.85		
	26		4.88		48	4.88	~~P=0~~	
	31		4.88	P=0.000	153	4.90	P=0.008	
	36		85		58	.95		
	42		93		63	.95		
	47		4.83	P=0.000	68	4.75	P=0.008	
	52		88		173	.85		
	57		53		78	.88		
	62		4.85	P=0.000	183	4.83	P=0.005	
	67		.53		88	.90		
	72		.83		93	.88		
	77		4.43	P=0.000	98	4.90	P=0.004	
	82		.48		16203	.95		
	16087		4.55		07	4.90		
5/7	73-276m 36	Olin Corp 104	9158		V x 9 = 8.35	0.04	0.09 1041- 42	86
	38		9160			8.35 0.03	0.08 ✓	86

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~ Copper	Dec.	RECEIVED ~~OUNCES~~ Nickel	Zn ~~Dec.~~	DELIVERED Mint OUNCES	Dec.
5/7	73-276M 39	Olin Corp	104	9157		VXQ= 8.35	0.05	0.09 1041-42	86
	40			9161		8.23	0.05	0.11 ✓	86
5/8	16211	Bronze Ing-D	Zn=	493	P=0.009	16329 Zn=	4.85		
	15			90		33	4.88	P=0.010	
	20			90		38	.88		
	23			4.90	P=0.006	49	4.78	P=0.000	
	27			85		54	.75		
	32			80		59	.80		
	35			83		64	4.83	P=0.000	
	39			4.95	P=0.004	69	.75		
	44			80		74	.78		
	47			90		79	5.03	P=0.015	
	16251			4.88	P=0.002	84	4.95		
	55			90		89	95		
	59			85		94	4.85	P=0.011	
	63			4.83	P=0.005	99	5.00		
	68			85		16404	05		
	73			93		09	5.15	P=0.001	
	77			4.88	P=0.000	14	18		
	82			93		19	23		
	87			95		25	5.18	P=0.000	
	91			4.98	P=0.002	30	23		
	96			65		35	13		
	16301			90		41	5.10	P=0.000	
	05			5.00	P=0.004	46	08		
	10			4.70		51	13		
	15			90		55	4.88	P=0.004	
	19			493	P=0.005	16460	83		
	24			.88		65	4.88		
5/7	73-524M 16	Bridgeport Br	14	9441		Ni= 94.58	Zn=	9436 1041-50	85
	17			53		.54		.51 ✓	88
	18			40		.46		.34 ✓	87
	19			9441		94.59		9434 1050-57	86

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TREASURY DEPARTMENT
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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
			90 Copper		40 Nickel	300	MPM	
5/9	16468	Bronze Dsq-D Zn=	5.55	P=0.012	16580	Zn= 5.25		P=0.014
	72		4.65		85	.15		
	77		5.08		89	.25		
	80		4.68		94	5.23		P=0.008
	84		5.00	P=0.021	16605	4.80		
	87		.50		09	4.85		P=0.004
	92		4.95		14	.85		
	96		4.95	P=0.020	20	.75		
	16501		5.03		24	4.80		P=0.000
	03		.00		29	.75		
	07		.00		35	5.00		
	11		5.03	P=0.021	39	4.95		P=0.007
	15		4.93		46	5.00		
	20		.83		650	4.95		
	25		4.90	P=0.011	54	4.95		P=0.007
	29		.95		59	.93		
	34		.80		65	.93		
	39		4.90	P=0.011	69	4.90		P=0.020
	43		.70		74	95		
	47		.70		81	90		
	52		4.95	P=0.017	85	4.93		P=0.020
	57		.70		90	90		
	61		.75		95	95		
	66		4.95	P=0.016	16700	4.80		P=0.002
	571		5.25		05	.75		
	75		.18		—	—	—	—
5/10	13-276 M 37	Olin Corp 10¢	91.49		WD= 8.44	0.06	0.09	.041-42 85
5/10	16712	Bronze Dsq-D Zn=	5.00	P=0.010	16736	Zn= 5.23		
	16		30		40	5.35		P=0.004
	21		35		45	28		
	24		4.90		47	4.90		
	28		5.35	P=0.006	51	5.33		
	33		23		55	5.33		P=0.007

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mint ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~Ounces~~	Dec.	RECEIVED ~~Ounces~~	~~Dec.~~	DELIVERED Ounces	Dec.
5/10	16759	Bunge Ing-D Zn=	4.90		16860 Zn=	5.33		
	63		95		66	5.25	P=0.004	
	68		4.93	P=0.005	70	38		
	73		98		75	.35		
	77		98		81	4.88	P=0.001	
	82		4.93	P=0.009	85	90		
	87		5.40		90	85		
	91		.35		96	4.85	P=0.000	
	96		4.95	P=0.005	16900	4.90		
	801		5.35		05	.85		
	05		35		11	5.00	P=0.003	
	10		4.95	P=0.008	15	5.00		
	15		5.45		20	5.05		
	19		.33		27	4.90	P=0.000	
	24		5.38	P=0.002	31	5.05		
	29		30		36	.08		
	33		43		43	5.05	P=0.007	
	38		5.43	P=0.011	47	4.95		
	51		5.45	P=0.003	52	5.00		
	16855		.40		16956	4.95	P=0.001	
5/10	73-52420	Bridgeport/B 14	94 80		~~Bk~~ = 9490	Po =	94.70 (.049-.50)	.86
5/11	16960	Bunge Ing-D Zn=	4.95		17008 Zn=	4.88	P=0.008	
	64		85		12	.90		
	69		5.10	P=0.011	17	95		
	72		05		22	4.98	P=0.010	
	76		4.90		26	.98		
	81		5.05	P=0.012	31	.93		
	84		4.88		36	4.85	P=0.002	
	88		.73		40	85		
	93		5.00		45	90		
	96		4.93	P=0.010	50	4.85	P=0.000	
	17000		90		54	.78		
	04		5.20		17059	5.13		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (Bronze/Copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (Nickel)	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/11	17064	Bronze Ing-D Zn=	4.75	P=0.002	17129 Zn=	5.25	P=0.008	
	68		.80		33	25		
	73		.80		38	30		
	78		4.80	P=0.000	44	4.95	P=0.000	
	82		73		48	95		
	87		75		53	5.00		
	99		4.75	P=0.000	59	5.05	P=0.000	
	17103		83		63	4.95		
	08		70		68	5.00		
	114		4.78	P=0.000	75	5.08	P=0.000	
	18		80		79	05		
	17123		4.80		17184	5.05		
5/14	17190	Bronze Ing-D Zn=	4.93	P=0.002	17281 Zn=	4.95		
	94		5.00		85	5.00	P=0.013	
	99		4.80		90	4.93		
	17202		95		95	.65		
	06		4.75	P=0.011	99	4.70	P=0.000	
	11		5.00		17304	.58		
	14		4.68		09	50		
	18		5.10	P=0.000	13	4.60	P=0.000	
	23		.08		18	.65		
	26		.00		330	4.83	P=0.002	
	30		4.95	P=0.008	35	.63		
	34		5.00		40	.83		
	39		4.70		45	4.88	P=0.012	
	43		5.10	P=0.006	17350	85		
	48		4.78		55	73		
	17253		.70		60	4.90	P=0.008	
	57		5.00	P=0.010	65	88		
	62		4.83		70	88		
	67		.85		75	4.85	P=0.008	
	71		4.95	P=0.009	79	.88		
	76		5.15		17383	.90		

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~Ounces~~	Dec.	RECEIVED ~~Ounces~~	~~Dec.~~	DELIVERED Ounces	Dec.
5/14	17388	Bronze Leg O Zn =	488	P = 0.006	17416 Zn =	4.90	P = 0.005	
	95		83		20	.80		
	17400		4.78	P = 0.013	24	83		
	06		85		17429	4.78	P = 0.005	
	17411		88		— —	—	— —	—
5/14	13-524 21	Bridgeport B. 14	9430		Zn = 9430	Lo =	9429 +44-50	87
	22		43		.45		.40 ✓	84
	23		9445		9448		9442 +44-51	86
5/15	17435	Bronze Leg-D Zn =	5.10		17543 Zn =	4.85		
	39		28		48	90		
	44		4.90	P = 0.005	53	4.88	P = 0.000	
	47		5.00		57	90		
	51		.28		62	90		
	56		4.83	P = 0.010	75	4.78	P = 0.000	
	59		80		80	78		
	63		5.23		85	85		
	68		4.95		90	4.78	P = 0.000	
	71		4.95	P = 0.004	95	73		
	75		5.10		17600	75		
	79		4.90		05	5.05	P = 0.003	
	83		4.93	P = 0.000	10	4.88		
	87		.88		15	5.03		
	92		.85		20	4.93	P = 0.00	
	97		4.85	P = 0.00	25	5.03		
	17501		.93		30	4.98		
	06		.85		35	4.93	P = 0.00	
	11		4.75	P = 0.00	40	90		
	15		80		45	5.00		
	20		85		51	4.93	P = 0.00	
	25		4.83	P = 0.00	56	90		
	29		.80		61	5.03		
	34		5.10		67	5.00	P = 0.00	
	39		4.85	P = 0.00	17672	5.00		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (% Copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (% Nickel)	RECEIVED DEC. (Zn)	DELIVERED OUNCES	DELIVERED DEC.
5/15	17677	Bronze Dng-D Zn=	5.05		17687 Zn=	4.90		
	82		4.93	P=0.005	17692	.98		
5/15	73-524M	Bridgeport Br Id	94 40		Ni = 94.45	Zn=	94.34	86½
	24						10 49-50	
	25		94 29		94.34		94.24	✓ ✓
5/16	17694	Bronze Dng-D Zn=	4.88	P=0.009	17812 Zn=	5.08		
	98		95		16	.00		
	17703		5.15		21	5.13	P=0.000	
	06		4.85	P=0.004	30	4.80		
	10		5.05		35	4.83	P=0.000	
	15		4.85		40	.83		
	18		5.05		45	.85		
	22		4.95	P=0.007	50	4.80	P=0.002	
	27		5.13		55	.80		
	30		.00		60	5.18		
	34		.18		65	5.20	P=0.006	
	38		5.10	P=0.016	70	.15		
	42		4.85		75	.15		
	46		.85		80	5.15	P=0.004	
	51		4.90	P=0.000	85	.18		
	56		.90		90	.08		
	60		.90		95	5.10	P=0.004	
	65		4.90	P=0.000	17900	.08		
	70		5.15		06	.08		
	74		.20		11	5.05	P=0.000	
	79		5.15	P=0.003	16	.08		
	84		.15		22	4.60		
	88		20		27	4.60	P=0.000	
	93		5.20	P=0.006	32	.55		
	98		13		37	.93		
	17802		15		42	4.95	P=0.011	
	07		5.08	P=0.000	17947	5.20		
	—		—	— —	17951	4.53		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ o/o Copper	Dec.	RECEIVED ~~OUNCES~~ o/o Nickel	Zn Dec.	DELIVERED Mg/ OUNCES	Dec.
5/11	17952	Bronze Ing-D In=	4.85		18070 In=	4.93	P=0.000	
	56		4.90	P=0.014	74	90		
	61		88		79	95		
	64		88		91	4.65	P=0.002	
	68		4.88	P=0.014	96	80		
	73		88		18101	75		
	76		88		06	4.83	P=0.000	
	80		90		111	.68		
	85		5.00	P=0.013	16	.78		
	88		4.80		21	4.80	P=0.004	
	92		5.08		26	78		
	96		10		31	78		
	18000		4.90	P=0.008	36	4.75	P=0.006	
	04		5.45		41	80		
	09		4.85		46	83		
	14		5.00	P=0.010	51	5.23	P=0.011	
	18		.40		56	28		
	23		4.88		61	28		
	28		4.75	P=0.013	67	4.73	P=0.003	
	32		83		72	83		
	37		5.03		77	5.28		
	42		4.78	P=0.010	83	4.90	P=0.010	
	46		.80		88	80		
	18051		5.00		93	5.35		
	56		4.90	P=0.003	98	5.35	P=0.002	
	60		.93		18203	4.80		
	65		4.88		208	4.85		
5/17	73-524 M 26	Bridgeport Br 14	94.39		Ni= 94.44 Zn=		94.33 1044-57	86
	27		48		.58		.37 1048-49	86
	28		48		.50		.45 1049-57	86 1/2
	29		94.56		94.59		94.52 1049-50	85 1/2

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ d/o Kupfer	DEC.	RECEIVED ~~OUNCES~~ d/o Nickel	~~DEC.~~ Zn	DELIVERED mow OUNCES	DEC.
5/18	18212	Bronze Ing-D Zn=	4.95	P=0.007	18337	Zn= 5.10		
	16		5.05		41	5.05	P=0.009	
	21		4.93		46	10		
	24		4.95	P=0.010	51	4.85		
	28		90		56	4.95	P=0.000	
	33		5.00		61	83		
	36		20		65	90		
	40		5.33	P=0.002	70	5.00	P=0.003	
	45		4.83		75	4.85		
	48		5.35		80	95		
	252		5.25	P=0.007	85	4.95	P=0.007	
	56		05		90	93		
	60		13		395	95		
	64		5.00	P=0.013	18400	4.90	P=0.006	
	69		4.88		05	90		
	276		5.10		10	5.00		
	280		5.10	P=0.010	15	5.05	P=0.005	
	85		4.85		20	00		
	92		5.03		26	05		
	96		5.10	P=0.012	31	5.03	P=0.004	
	301		00		36	08		
	07		10		42	4.90		
	11		5.08	P=0.010	47	4.90	P=0.016	
	16		.05		18452	88		
	22		.03		57	98		
	26		5.08	P=0.004	18464	4.88	P=0.012	
	18331		03		—	—	— — —	
5/21	18465	Bronze Ing-D Zn=	5.18		18489	Zn= 5.43		
	69		10		493	5.20	P=0.003	
	74		4.93		98	43		
	77		5.18	P=0.002	501	4.95		
	81		33		05	5.13		
	18486		33		18509	5.23	P=0.010	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
			% Copper		% Nickel	Zn	Mg	
5/21	18513	Bronze Eng. D Zn=	5.60		1869 Zn=	5.03		
	17		55		24	.25		
	22		5.55	P=0.000	629	5.13	P=0.000	
	29		50		34	.05		
	33		53		39	4.95		
	38		5.53	P=0.000	644	5.05	P=0.005	
	45		5.08		49	.05		
	49		.08		54	.00		
	18554		5.15	P=0.008	659	5.00	P=0.002	
	60		10		64	.05		
	64		15		69	.00		
	69		5.13	P=0.008	674	5.15	P=0.010	
	75		4.98		80	05		
	79		95		85	08		
	584		5.03	P=0.009	690	5.13	P=0.012	
	90		.00		96	.05		
	94		4.93		8701	.13		
	599		4.43	P=0.009	06	5.25	P=0.006	
	18604		5.15		11	15		
	09		05		16	4.98		
	14		5.05	P=0.004	8721	5.05	P=0.000	
5/21	73-524 M 30	Bridgeport Brass 14	94.56		Zn= 94.56	Zn=	94.56	.0550-57 86
	31		94.34		94.37		94.30	.0544-51 84
5/22	18724	Bronze Eng: D Zn=	5.10		18763 Zn =	5.35	P=0.016	
	28		.30		67	.35		
	33		.25		71	.30		
	36		.15	P=0.005	75	.30	P=0.006	
	40		.50		80	.25		
	45		.28		87	.30		
	47		.12		91	.25	P=0.000	
	51		.43	P=0.010	96	.23		
	56		.15		18803	4.85		
	59		.03		07	.80	P=0.005	

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 556917

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~Ounces~~ Copper	Dec.	RECEIVED ~~Ounces~~ Nickel	~~Dec.~~	DELIVERED Ounces	Dec.
5/22	18812	Bronze Ing-D Zn =	4.88		18893 Zn =	5.05		
	18		.80		98	4.95	P = 0.009	
	22		.83	P = 0.006	18903	5.00		
	27		5.45		08	.05		
	33		4.88		13	.00	P = 0.006	
	37		.85	P = 0.003	18	.05		
	42		.80		23	.10		
	48		.85		28	.10	P = 0.052	
	52		.90	P = 0.007	34	.10		
	57		.80		39	.05		
	58		5.10		44	.10	P = 0.053	
	63		.05		50	4.60		
	68		.05	P = 0.000	55	.63		
	73		.10		60	.60	P = 0.000	
	78		.10		65	.60		
	83		.30	P = 0.000	70	.63		
	18888		.03		18975	.63	P = 0.007	
5/23	18978	Bronze Ing-D Zn =	4.95		19046 Zn =	4.95		
	82		5.35		51	5.38	P = 0.005	
	87		.00		58	.03		
	990		4.83	P = 0.007	62	.20		
	94		5.28		67	5.13	P = 0.004	
	99		.15		73	.25		
	19002		.38		77	.23		
	06		5.40	P = 0.000	82	4.90	P = 0.000	
	11		.00		88	.25		
	14		4.90		92	.68		
	18		4.68	P = 0.012	97	4.75	P = 0.000	
	22		5.08		19103	.50		
	26		.18		07	.78		
	30		.33		112	4.75	P = 0.000	
	35		5.20	P = 0.002	18	5.08		
	19042		5.35		19123	5.15		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ % Copper	DEC.	RECEIVED ~~OUNCES~~ % Nickel	Zn DEC.	DELIVERED OUNCES	DEC.
5/23	19128	Bronze Ing-D Zn=	5.05	P=0.000	19183 Zn=	4.90		
	33		4.98		88	4.93	P=0.000	
	38		5.13		94	.85		
	143		4.93	P=0.007	19199	5.00		
	48		5.28		19204	4.95	P=0.011	
	53		.33		10	.80		
	58		5.35	P=0.006	15	4.80	P=0.007	
	163		.33		20	.80		
	68		.33		25	.78		
	73		5.33	P=0.006	30	5.00	P=0.002	
	19178		4.95		19235	4.85		
5/23	73-524 m' 32	Bridgeport Br 14	94.45		Ni = 94.54	Loss =	94.36 1049-50	87
	33		.41		.47		.35 1049-51	✓
	34		.35		.38		.32 1049-50	✓
	35		.36		.43		.29 1050	✓
	36		94.41		94.42		94.40 1049-50	✓
5/24	19238	Bronze Ing-D Zn=	4.85		19322 Zn=	5.40		
	50		4.90	P=0.000	33	5.10	P=0.009	
	54		5.33		37	.33		
	59		.08		39	4.90		
	62		5.00	P=0.013	44	.78		
	66		.03		49	4.70	P=0.035	
	71		4.80		54	.90		
	74		5.33	P=0.005	59	.90		
	78		.38		64	4.90	P=0.039	
	82		.08		69	5.00		
	87		5.38	P=0.001	74	.00		
	91		.38		79	5.10	P=0.024	
	96		4.93		84	.10		
	19303		5.13	P=0.001	89	.05		
	07		.33		94	5.00	P=0.021	
	12		4.95		99	.10		
	18		5.03	P=0.011	19404	.10		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ (% Copper)	DEC.	RECEIVED ~~OUNCES~~ (% Nickel)	Zn DEC.	DELIVERED OUNCES	DEC.
5/24	19409	Bronze Ing-D Zn	5.10	P=0.016	19436 Zn=	4.90		
	15		.10		41	4.73	P=0.034	
	20		10		46	88		
	25		5.15	P=0.022	51	93		
	31		4.85		19456	4.90	P=0.029	
5/24	73-524 M 37	Bridgeport Brass 1¢	94.48		Ni = 94.55	Zn = 94.41	1049-51	86
5/25	19459	Bronze Ing-D Zn=	4.95		19584 Zn=	4.85		
	71		4.85	P=0.018	88	4.90	P=0.011	
	75		5.10		92	90		
	80		10		97	90		
	83		4.75	P=0.026	19602	4.80	P=0.020	
	87		83		07	93		
	92		95		12	90		
	95		5.08		17	4.90	P=0.020	
	99		5.10	P=0.020	22	98		
	19503		13		27	5.13		
	07		10		32	5.08	P=0.022	
	11		5.10	P=0.015	37	1.08		
	16		18		42 **	1.05		
	23		15		52	5.03	P=0.000	
	27		5.08	P=0.015	57	1.05		
	32		05		662	1.00		
	39		33		68	5.00	P=0.007	
	43		5.23	P=0.000	73	1.00		
	48		1.20		78	1.05		
	554		20		84	5.00	P=0.024	
	58		5.23	P=0.003	89	4.98		
	63		1.20		94	5.00		
	69		4.90		99	5.15	P=0.002	
	73		4.83	P=0.010	19704	1.08		
	19578		.93		09	5.00		

** 19447 = Zn = 5.10 %

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED % Nickel OUNCES	RECEIVED ZN DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/29	19712	Bronze Dry -D Zn=	5,18	P=0,013	19819 Zn=	5.00	P=0.012	
	16		05		25	00		
	21		4.90		29	5.00	P=0,012	
	24		5,10		34	00		
	28		4.95	P=0,009	40	15		
	33		5.40		45	5,18	P=0.002	
	36		05		50	13		
	40		4.95	P=0.016	53	4,98		
	44		5.43		60	5.05	P=0.043	
	48		23		65	13		
	52		10		70	,00		
	57		5.00	P=0,024	75	4,93	P=0,042	
	64		28		80	5.00		
	68		00		85	4.95		
	73		5.05	P=0,028	90	498	P=0,014	
	80		4.93		95	98		
	84		93		19901	98		
	89		4.95	P=0,005	06	5.00	P=0.017	
	95		90		11	00		
	99		85		17	4,88		
	19804		5.20	P=0.016	22	4,85	P=0.034	
	10		4,98		19927	,85		
	14		5.00		—	—	—	—
5/30	19932	Bronze Dry-D Zn=	5.25		19972 Zn=	5,20		
	36		5,18	P=0.014	76	~~,20~~ ,18	P=0.013	
	41		4.93		81	~~4.75~~ 4.78		
	44		5,20		85	4.98		
	48		5,20	P=0.018	90	5.03	P=0.019	
	53		,00		97	,03		
	56		4.90		20001	,05		
	60		5.05		06	5.05	P=0.017	
	65		4.95	P=0.004	13	,00		
	68		5,20		17	4.85	P=0,031	

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/30	20028	Bronze Ing-D Zn =	4.90		20085 Zn =	5.35		
	32		4.85	P=0.016	90	5.00	P=0.016	
	43		95		95	4.95		
	45		4.73	P=0.017	20100	5.05		
	50		.80		06	4.98	P=0.011	
	55		.80		11	5.10		
	60		5.30	P=0.027	16	08		
	65		35		22	5.00	P=0.025	
	70		38		27	.03		
	75		5.35	P=0.027	20132	4.95		
	20080		35		— —	—	— —	—
5/31	20138	Bronze Ing-D Zn =	5.10	P=0.005	20237 Zn =	5.25		
	42		35		42	5.20	P=0.011	
	47		33		48	08		
	50		5.10	P=0.004	52	.00		
	54		35		57	5.00	P=0.025	
	59		20		63	.00		
	62		28		67	.10		
	66		5.45	P=0.012	72	5.00	P=0.024	
	71		28		78	4.90		
	74		08		83	90		
	78		5.15	P=0.014	88	4.90	P=0.043	
	82		45		93	85		
	86		33		98	90		
	90		08		20303	4.90	P=0.035	
	95		5.20	P=0.020	08	5.38		
	20202		35		13	35		
	06		10		18	5.33	P=0.016	
	11		5.25	P=0.016	23	30		
	18		08		28	38		
	22		10		33	5.43	P=0.012	
	27		5.23	P=0.012	38	35		
	33		5.28		20343	5.30		

RECEIPT AND DELIVERY OF BULLION

DATE	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED
			~~%~~ Copper ~~OUNCES~~	DEC.	~~%~~ Nickel ~~OUNCES~~	~~DEC.~~	OUNCES
5/31	20348	Bronze Ingot - D Zn=	5.28	P=0.020	20375 Zn=	4.93	
	54		25		80	4.95	P=0.037
	59		28		85	88	
	64		5.35	P=0.010	90	93	
	20370		4.95		20395	4.90	P=0.035
5/31	13-524M 38	Bridgeport Br 14	94 30		Hi = 94.33	Low=	94.26 .049-52 87
	39		26		.43		.18 .049-57 86
	40		94 43		94.51		.34 .049-52 84
6/1	20397	Bronze Ingot - D Zn=	5.40		20507 Zn=	4.95	
	401		20		11	93	
	06		10		22	4.93	P=0.016
	09		5.25	P=0.004 ~~0.005~~	26	98	
	13		30		30	85	
	18		10		35	4.83	P=0.031
	21		4.98		40	95	
	25		5.20	P=0.027 ~~0.012~~	45	5.10	
	30		08		50	5.18	P=0.018
	33		13		55	10	
	37		15		60	10	
	41		5.20	P=0.026	65	5.05	P=0.024
	45		05		70	15	
	49		05		75	4.88	
	54		5.15	P=0.011	80	4.93	P=0.008
	61		03		85	85	
	65		10		91	93	
	70		5.10	P=0.021 ~~0.018~~	96	4.85	P=0.012
	77		.08		20601	93	
	81		15		07	5.00	
	86		5.05	P=0.021	12	5.08	P=0.024
	92		.08		17	.00	
	96		.05		22	.03	
	20501		5.00	P=0.012	20625	5.00	P=0.025

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ % Copper	DEC.	RECEIVED ~~OUNCES~~ % Nickel	~~DEC.~~ Zn	DELIVERED OUNCES	DEC.
6/4	20628	Bronze Ing-D ~~Cu=~~ ~~Zn=~~	95.20		20742 Cu=			
	32				47	9464		
	37				53	9450	P=0.018	
	40		95.04	P=0.003	57			
	44		94.84		62			
	49	Note:	.78		68	9490	P=0.019	
	52	6/4 x-Long Tons	.65		73			
	56	Below:	95.21	P=0.003	78	94.91		
	61	only Ening 10th	94.80		83	9490	P=0.015	
	64	for Cu	.86		88			
	68		.98		93			
	73		95.26	P=0.013	98	94.59	P=0.026	
	76				20803	9473		
	80				08			
	85				13	9468	P=0.021	
	92		94.74	P=0.018	18			
	96		94.71		23			
	20701				28	9463	P=0.030	
	08		94.50	P=0.005	33			
	12				38	94.74		
	17		94.56		44	94.43	P=0.031	
	23		94.48	P=0.019	49			
	27				54			
	32				20858	94.82	P=0.014	
	20738		94.50	P=0.017	—	—	—	— — —
6/5	20865	Bronze Ing D Cu:	9493		20910 Cu =	9492		
	70		69		14	95.07	P=0.007	
	73		95	P=0.009	26	94.91		
	77		90		30	.95	P=0.011	
	85		88		42	.85		
	89		87	P=0.019	46	.87	P=0.014	
	97		95.00		57	.82		
	20901		.03		20961	94.85	P=0.018	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (% copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (% nickel)	RECEIVED DEC.	DELIVERED OUNCES (% zinc)	DELIVERED DEC.
6/5	20972	Bronze Ing D Cu:	94.78		21018 Cu :=	94.91		
	76		.68	P=0.026	28	95.03	P=0.014	
	87		.75		38	94.99		
	91		66	P=0.022	48	95.08	P=0.014	
	98		68		58	94.84		
	21008		94.69	P=0803	68	94.87	P=0.016	
6/6	21119	Bronze Ing D Cu:	94.90	P=0.003	21239 Cu =	94.90	P=0.06	
	29		85		49	.85		
	39		89	P=0.004	21260	95.01	P=0.014	
	49		95.06		70	94.94		
	59		00	P=0011	80	.89		
	69		04		90	95.01	P=0.017	
	79		08	P=0.025	21300	95.05		
	89		94.91		10	94.91	P=0.04	
	21199		95.05	P=0.014	20	95.08		
	21209		9495		30	.06		
	19		95.06	P=0.011	40	94.85	P=0.023	
	21229		95.12		21350	94.86		
6/7	21362	Bronze Ing-D In =	5.03	P=0.015	21437 In =	4.90	P=0.016	
	67		10		42	80		
	72		4.93		47	90		
	77		4.95	P=0013	21452	4.75	P=0.01	
	82		83		57	40		
	87		85		62	73		
	92		4.83	P=0.011	67	4.73	P=0.012	
	97		83		72	95		
	21402		~~4.83~~ 5.13	~~P=0~~	77	5.03		
	07		5.13	P=0.025	82	4.83	P=0.006	
	12		4.88		87	.78		
	17		.85		90	.90		
	22		5.25	P=0027	95	490	P=0.024	
	27		20		21500	93		
	32		4.78		05	88		

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES (copper)	GROSS WEIGHT DEC.	RECEIVED OUNCES (nickel)	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/1	21510	Bronze Ing-D Zn=	5.00	P=0.014	21560 Zn=	5.00		
	15		4.90		66	00		
	20		5.08		71	5.03	P=0.011	
	25		5.00	P=0.023	76	03		
	30		4.90		82	05		
	35		5.20		87	5.13	P=0.008	
	40		5.35	P=0.022	92	03		
	45		05		97	4.93		
	50		05		21602	5.00	P=0.025	
	55		5.00	P=0.004	07	.08		
6/8	21611	Bronze Ing-D Zn=	4.95	P=0.013	21720 Zn=	4.78	P=0.017	
	15		98		25	80		
	20		83		30	83		
	25		4.80	P=0.028	34	4.85	P=0.036	
	29		93		39	83		
	34		75		44	90		
	37		93		49	4.90	P=0.036	
	41		4.93	P=0.017	54	80		
	45		73		59	85		
	49		90		64	4.78	P=0.023	
	53		88		69	78		
	58		4.93	P=0.016	74	75		
	65		85		79	4.75	P=0.024	
	69		90		84	.83		
	74		4.90	P=0.020	89	.75		
	81		93		94	4.93	P=0.018	
	85		90		99	5.03		
	90		4.90	P=0.024	21804	4.93		
	96		90		10	5.00	P=0.010	
	21700		90		15	4.93		
	05		4.95	P=0.026	20	.85		
	11		65		26	4.70	P=0.013	
	15		83		31	4.83		
					21836	4.75		

RECEIPT AND DELIVERY OF BULLION

DATE 1993	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~ % Copper	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~ % Nickel	RECEIVED ZN ~~DEC.~~	DELIVERED ~~OUNCES~~ mm	DELIVERED DEC.
6/8	73-524 M 41	Bridgeport Br	14	95 05		~~95.13~~ 95.13	Low=	94.96	84
	42			15		.25		95.05	85
	43			95 17		95.22		95.12 ✓	84
6/11	21842	Bronze Ing D	ZN=	5.00	P=0.014	21955 ZN=	4.88		
	46			10		59	5.00	P=0.010	
	51			4.78		64	00		
	56			4.90	P=0.021	70	10		
	60			5.08		75	5.15	P=0.030	
	65			00		80	25		
	68			4.95		85	15		
	72			5.03	P=0.020	90	5.18	P=0.041	
	76			18		95	03		
	80			00		22000	00		
	84			4.83	P=0.005	05	4.90	P=0.015	
	89			88		10	95		
	96			83		15	95		
	21900			4.90	P=0.011	20	4.93	P=0.014	
	05			93		25	95		
	12			68		30	5.10		
	16			5.03	P=0.023	35	5.10	P=0.012	
	21			15		40	10		
	26			4.85		44	15		
	30			5.18	P=0.022	47	05		
	35			20		51	5.10	P=0.003	
	40			4.80		54	.00		
	44			5.00	P=0.010	58	.05		
	49			4.93		22062	4.93		
4/12	#602	Nickel Ing-D	Cu=	75.05	Ni=24.94	#630 Cu=	75.25	Ni=24.50	
	07			74.72	.80	35	74.88	25.11	
	12			75.00	.33	40	75.06	24.76	
	16			.06	.72	45	.14	61	
	21			74.98	.68	50	.10	78	
	#626			75.06	.72	#655	74.67	25.32	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/12	22065	Bronze Ing-D	Zn=	4.75		22101	Zn= .491	P=0.009	
	70			4.99	P=0.015	06	98		
	81			5.10		111	91		
	86			5.10	P=0.008	16	4.95	P=0.011	
	96			4.98		22121	95		
6/13	657	Nickel Ing-D	Cu=	74.99	Ni=24.80	#685	Cu=74.11	Ni=25.75	
	61			46	25.18	90	61	24.95	
	66			62	24.89	95	53	25.31	
	71			61	25.06	99	89	24.89	
	75			55	.41	#704	80	25.08	
	680			74.76	25.21	09	74.87	24.97	
6/13	22114	Bronze Ing-D	Zn=	5.00		22143	Zn= .493	P=0.015	
	118			4.90		47	90		
	123			5.05		52	94		
	28			4.93	P=0.008	57	5.00	P=0.011	
	33			97		61	4.95		
	38			4.90		22166	5.08		
6/13	73-524 M 44	Bridgeport Br	14	94.80		Ni=95.00	Lo= 94.36	1049-57	87
6/14	#713	Nickel Ing D	Cu=	75.21	Ni=24.76	#741	Cu=75.06	Ni=24.57	
	18			06	80	46	.06	83	
	23			18	76	51	.21	72	
	27			74.91	68	55	.18	53	
	32			75.06	57	60	.25	72	
	#737			03	65	#765	.06	76	
6/14	22168	Bronze Ing-D	Zn=	4.98		22188	Zn= 5.00		
	73			4.98	P=0.012	213	4.98	P=0.024	
	78			98		08	98		
	83			98		13	5.00		
	88			5.00	P=0.016	18	4.98	P=0.022	
	93			4.93		22223	98		
6/15	73-524 M 45	Bridgeport	14	94.89		Ni=95.01	Lo= 94.76	1049-52	87
	46			95.02		95.15	94.89	1049-51	87

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/15	#768	Nickel Dry. D Cu=	74.95 Ni =	24.72	#792 Cu=	74.75	Ni = 25.24	
	73		83	91	96	86	13	
	78		83	83	#801	76	14	
	82		61	25.14	06	76	24.99	
	87		91	03	— —	—	— —	—
6/15	22228	Bronze Dry- D Zn=	4.93		22258 Zn=	4.95		
	33		4.98	P= 0.028	63	4.95	P= 0.002	
	36		5.00		68	5.08		
	41		.05		73	.00		
	46		4.93	P= 0.013	22278	5.13	P= 0.032	
	53		.98		— —	—	— —	
6/18	# 27	Bronze Medals % Cu=	89.92 Zn =	10.08	#34 Cu=	90.17	Zn = 9.83	
	28		90.02	9.95	35	89.86	10.14	
	29		89.72	10.18	36	54	.30	
	30		67	33	37	68	.25	
	31		54	43	38	56	.44	
	32		92	08	39	89.74	10.26	
	33		90.04	9.96	— —	—	— —	
6/18	22282	Bronze Dry- D Zn=	4.95		22342 Zn=	4.90		
	87		80		47	95		
	92		5.00	P= 0.002	52	4.88	P= 0.011	
	97		4.90		57	80		
	22302		98		62	88		
	07		4.80	P= 0.006	67	4.88	P= 0.007	
	12		5.00		72	.88		
	17		03		77	.90		
	22		4.95	P= 0.001	82	4.90	P= 0.000	
	27		95		87	80		
	32		93		92	90		
	37		4.90	P= 0.006	97	4.88	P= 0.006	
	22396	Zn=	4.93		22411 Zn =	4.85		
	22401		.95		16	4.83	P= 0.000	
	06		.95		22421	.98		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

← Fiscal 73

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Zinc OUNCES	DEC.	DELIVERED OUNCES	DEC.
6/18	22426	Bronze Ing-D Zn=	485		22466 Zn=	5.08		
	31		480	P=0.000	471	495		
	36		80		76	495	P=0.000	
	41		95		81	5.00		
	46		495	P=0.016	86	03		
	22451		5.10		91	4.98	P=0.005	
	56		490		22496	5.00		
	22461		.93	P 0.010	—	—	—	—
6/25	73-524 47	Bridgeport Br 14	94 87		Zn = 9491	Lm=	94.83 10+49-50	88
	48		31		.32		.30 10+49-51	85
	49		94 84		94.86		94.82 ✓	88

End Fiscal '73

Fiscal 1974

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~	% Copper	Dec.	RECEIVED ~~OUNCES~~	% Nickel	Zn ~~Dec.~~	DELIVERED Mint etc. OUNCES	Dec.
7/6	1	Bronze - Denver	Zn=	5.05	P= 0.016		94	Zn=	5.50		
	5			15			97		4.90		
	10			490			102		90		
	15			5.15	P= 0.005		107		4.93	P= 0.008	
	20			10			12		70		
	25			43			17		80		
	30			5.40	P= 0.002		22		4.90	P= 0.013	
	35			43			27		85		
	40			4.90			32		90		
	45			5.40	P= 0.008		37		4.88	P= 0.015	
	50			35			43		83		
	55			45			48		80		
	60			5.43	P= 0.003		153		4.85	P= 0.008	
	64			.50			59		75		
	69			.43			64		78		
	75			5.50	P= 0.007		69		4.75	P= 0.002	
	79			50			173		95		
	84			43			77		88		
	89			45	P= 0.008		180		4.80		
7/6	73-660M 1	Olin Corp	14	94	41		Hi = 94.48		Lo = 94.34	1049-50	87
	2				38		.42			1048-50	✓
	3				51		.51			✓	✓
	4				60		.68			1049-57	✓
	5				~~48~~		.57			1049-50	✓
	6				~~45~~		.49			✓	✓
	7				~~64~~		.68			1049-57	✓
	8			94	80		94.88		94.71	1049-50	✓
7/9	184	Bronze - D	Zn=	480	P= 0.008		212	Zn=	4.83	P= 0.018	
	88			85			17		98		
	93			88			21		95		
	97			480	P= 0.009		25		90		
	202			98			29		495	P= 0.022	
	08			90			34		.75		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT % ~~OUNCES~~ Copper	DEC.	RECEIVED % ~~OUNCES~~ Nickel	Zn ~~DEC.~~	DELIVERED mw ete OUNCES	DEC.
7/9	238	Bronze-D Zn=	4.78		314 Zn=	4.98		
	45		4.78	P=0.010	19	5.03	P=0.025	
	49		58		24	.00		
	53		65		29	4.75		
	58		4.93	P=0.013	34	4.80	P=0.014	
	63		.60		39	80		
	68		.60		45	.75		
	73		4.58	P=0.010	350	4.78	P=0.009	
	78		93		55	.83		
	84		95		61	.78		
	89		4.88	P=0.017	66	4.75	P=0.005	
	94		98		71	80		
	99		90		76	75		
	304		4.88	P=0.016	81	4.70	P=0.008	
	09		.90		386	75		
7/9	73 524 M 51	Bridgeport	14 94.81	Hc= 95.05	Lo= 94.51	P=0.009 P=0.003 P=0.008	0.000 .050- 51	86
	52		94.95	" 95.29	" 94.58	P=0.005	.000 .048- 50	87
7/10	389	Bronze-D Zn=	5.05		464 Zn=	4.63		
	93		5.10	P=0.017	69	63		
	98		4.95		75	4.60	P=0.002	
	402		5.10		79	73		
	06		4.95	P=0.018	84	68		
	11		95		90	4.95	P=0.014	
	15		5.05		94	5.03		
	19		5.05	P=0.014	499	.00		
	23		4.95		505	4.95	P=0.012	
	28		5.23		09	5.03		
	32		5.23	P=0.017	14	.05		
	37		4.90		16	5.03	P=0.010	
	44		5.20		21	4.93		
	48		5.25	P=0.013	26	5.08		
	53		4.95		31	5.25	P=0.030	
	460		4.65	P=0.005	36	.25		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~% Copper~~ OUNCES	GROSS WEIGHT DEC.	RECEIVED ~~% Nickel~~ OUNCES	RECEIVED ZN	RECEIVED ~~DEC.~~	DELIVERED Mint Etc. OUNCES	DELIVERED DEC.
7/10	541	Bronze-D	Zn=	4.93		586	Zn=	4,93		
	46			5.10	P=0.024	92		4.90	P=0.010	
	51			.03		97		88		
	56			.10		602		90		
	61			5.08	P=0.016	08		4.83	P=0.005	
	66			13		13		75		
	71			4.98		18		80		
	76			4.90	P=0.012	623		4.78	P=0.005	
	581			.85		—	—	—	— —	—
7/10	13-746M 1	Olin Corp	54	74.50		VXQ= 25.04			.1062-64	90
	2			83		24.68			.1062-65	✓
	3			54		84			.1063-64	✓
	4			46		80			.1064-65	✓
	5			75.10		48			.1064-66	✓
	6			74.76		25.10			.1064	✓
	7			.69		24.91			.1062-64	✓
	8			75.28		.11			.1063-64	✓
	9			74.54		25.14			✓	✓
	10			.34		24.93			.1064	✓
7/10	13-457M 1	Anaconda Via Phila	18	94.56		Zi= 94.58	Co=	94.54	.1049-50	87
7/11	627	Bronze-D	Zn=	5.40		688	Zn=	4.83		
	31			45		94		5.08	P=0.003	
	36			5.15	P=0.015	99		4.90		
	40			25		704		98		
	45			30		10		4.93	P=0.006	
	50			545	P=0.009	15		.98		
	55			25		20		5.03	P=0.008	
	60			25		26		25		
	63			4.88	P=0.010	30		35		
	67			5.10		35		5.30	P=0.000	
	72			4.75		46		4.90		
	79			4.80	P=0.010	51		4.95	P=0.009	
	83			98		56		98		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 5540217

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~ Copper	DEC.	RECEIVED ~~OUNCES~~ Nickel		DELIVERED Zinc ~~DEC.~~	DELIVERED Mix OUNCES	DEC.
7/11	761	Bronze - D	Zn=	4.90		811	Zn=	5.00	P=0.012	
	66			4.95	P=0.017	16		.00		
	71			5.18		22		4.75		
	76			.00		27		4.93	P=0.005	
	81			4.85	P=0.009	32		88		
	86			85		38		73		
	91			98		43		4.73	P=0.004	
	96			5.03	P=0.012	48		68		
	801			4.78		853		4.83		
	06			5.05		—	—	—	—	—
7/11	13-524 M 53	Bridgeport Br	14	94.70	94.71	Lo	94.69	0.016 Fe 0.014 P	0.000 .1049-50	86
7/11	13-746M 11	Olin Corp	54	74.76		VXQ=	24.71		.1064-65	89
	12				51		25.03		.1063-64	89
	13				43		.05		.1063-65	90
	14				50		24.99		.1063-64	89
	15				90		.65		✓	90
	16			74.48			25.05		.1063-65	90
7/12	857	Bronze - D	Zn=	4.75	P=0.011	937	Zn=	5.00		
	61			85		43		4.98		
	66			5.20		47		4.85	P=0.000	
	71			5.25	P=0.019	52		93		
	77			15		58		88		
	82			4.88		62		4.90	P=0.014	
	87			4.90	P=0.017	67	make up	10.67		
	91			83		73		4.93		
	96			95		77	make up	10.30	P=0.005	
	900			5.10	P=0.008	81		5.00		
	05			4.90		82	make up	0.40		
	12			95		86		4.98		
	16			5.00	P=0.010	91		90		
	21			4.88		96		5.03	P=0.015	
	26			95		1001		00		
	932			5.00	P=0.008	06		4.98		

RECEIPT AND DELIVERY OF BULLION

~~DATE~~ 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~%~~ ~~Copper~~ OUNCES	GROSS WEIGHT DEC.	RECEIVED ~~%~~ ~~Nickel~~ OUNCES	RECEIVED ~~Zn~~ Mn ~~DEC.~~	DELIVERED Zn OUNCES	DELIVERED DEC.
7/12	1011	Bronze-D Zn=	4.95		1057 Zn=	4.95		
	16		5.00	P=0.008	62	4.98	P=0.016	
	21		4.95		67	.95		
	26		95		73	5.05		
	31		4.98	P=0.015	78	5.00	P=0.010	
	36		5.00		83	4.98		
	41		4.98		88	.95		
	46		4.95	P=0.008	1092	4.95	P=0.013	
	1051		4.95	- -	1119 slip 1125 Turbings	5.00 4.65	- - -	
7/12	1100	Bronze Ingot D Zn=	4.95		1213 Zn=	5.00	P=0.007	
	05		5.05	P=0.013	18	.08		
	09		4.70		21	.10		
	13		85		27	5.00	P=0.008	
	19		83		31	4.88		
	34		4.90	P=0.006	35	95		
	41		90		41	88		
	45		88		45	4.98	P=0.013	
	50		4.93	P=0.002	49	83		
	56		90		55	88		
	60		93		59	4.75	P=0.008	
	65		4.88	P=0.000	63	88		
	71		93		69	5.00		
	75		5.00		73	4.80	P=0.014	
	81		4.98	P=0.011	77	88		
	86		88		83	5.00		
	90		95		87	4.88	P=0.016	
	96		5.05	P=0.012	91	5.15		
	1204		4.95		1299	4.98		
	07		5.00		- -	- -	- -	
7/13	73-457M 2	Anaconda Br 14	94 45		Zn 94.63	Zn= 94.26	.049-51	88
	3	New Pulv	55		59	.50	.049-50	87
	4		94 59		94.60	94.58	.048-57	87

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Refined OUNCES	RECEIVED Refined Zn DEC.	DELIVERED Mint etc OUNCES	DELIVERED Mint etc DEC.
7/16	1305	Bronze Dig-D	Zn=	5.08	P=0.024	1392	Zn= 480		
	10			08		97	80		
	15			4.98		1403	4.95	P=0.005	
	19			4.98	P=0.007	07	.83		
	24			5.05		12	.80		
	27			4.95	P=0.014	18	4.85	P=0.009	
	32			5.03		24	88		
	37			.00		29	80		
	42			4.90	P=0.013	34	4.88	P=0.019	
	47			93		39	85		
	52			5.00		44	90		
	57			4.80	P=0.009	49	4.88	P=0.014	
	62			93		54	80		
	66			88		59	80		
	71			4.95	P=0.007	64	5.05	P=0.012	
	78			5.05		69	4.83		
	82			05		74	75		
	86			4.83	P=0.015	79	4.98	P=0.009	
	1484			5.00		1529	5.08	P=0.011	
	89			4.93		14	4.98		
	94			5.08	P=0.014	19	98		
	99			.00		22	98		
	1504			4.95		25	5.08	P=0.005	
7/16	73-798 M 1	Olin Corp	25¢	91.15		WQ= 8.18	0.06	0.04	1053-54 ✓ 86½
	2			91.30		8.22	0.06	0.04	✓ 87
7/16	73-524 M 50	Bridgeport Br	14	9493	Hi= 9493	Lo= 9492	0.007½	P=0.000	1056-57 86
7/16	73-457 M 5	Anaconda	14	94.38	Hi=	9466	Lw= 9423		1049-51 88
	6	Via Phila		9437		9487	93.96		✓ 88
7/17	1532	Bronze Dig-D	Zn=	4.73		1559	Zn= 4.90		
	36			4.88	P=0.015	61	5.05		
	42			5.03		65	4.90	P=0.009	
	47			.05		69	.93		
	1554			4.88	P=0.013	1573	.93		

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ 90 Copper	DEC.	RECEIVED ~~OUNCES~~ 76 Nickel	~~DEC.~~ 77	DELIVERED ~~OUNCES~~ 1/2	DEC.
7/17	1578	Bronze-D Zn=	490	P=0.003	1612 Zn=	4.78		
	83		90		18	.78		
	88		5.00		22	5.00	P=0.005	
	93		495	P=0.009	27	.00		
	98		.80		33	4.80		
	1603		5.00		39	4.85	P=0.013	
	1607		4.80	P=0.008	1645	4.88		
7/17	1651		5.00		1716	5.38	P=0.00	
	56		4.93	P=0.011	21	23		
	61		85		27	25		
	66		5.10		32	5.25	P=0.014	
	71		4.90	P=0.005	37	28		
	76		88		43	.50		
	81		80		48	5.50	P=0.013	
	86		4.85	P=0.002	53	45		
	91		90		59	38		
	96		80		63	5.30	P=0.015	
	1701		4.85	P=0.005	68	.33		
	06		.78		1772	5.45		
	1711		5.20		-	-	-	-
7/18	1775	Bronze-D. Zn=	5.30		1841 Zn=	4.75		
	79		5.35	P=0.007	47	.88		
	85		18		51	4.90	P=0.008	
	88		28		56	.78		
	93		5.50	P=0.004	62	83		
	98		4.65		68	4.75	P=0.010	
	1805		4.70	P=0.000	74	80		
	10		5.25		77	78		
	15		.30		83	4.68	P=0.003	
	20		4.70	P=0.000	1890	.65		
	25		5.13		95	4.85		
	32		4.90		1901	4.88	P=0.006	
	1836		4.95	P=0.009	06	.88		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 556917

DATE 1973	melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES	Zn DEC.	DELIVERED mint OUNCES	DEC.
7/18	1912	Bronze Ing-D Zn=	4.93		1960	Zn= 5.33		
	18		495	P=0.009	66	5.40	P=0.008	
	23		83		71	33		
	28		85		77	35		
	34		4.80	P=0.007	83	5.35	P=0.000	
	39		90		88	33		
	44		80		92	.00		
	50		4.85	P=0.007	95	5.10	P=0.004	
	1955		83		-	-	-	-
7/18	73-457m 7	Anaconda Via Phila	14	9453	Zn=	94.58 Rw=	94.48	1049-51 87
7/19	2000	Bronze Ing-D Zn=	4.98		2118	Zn= 4.80	P=0.005	
	05		5.10		23	88	- - - -	
	10		5.20	P=0.012	28	.78		
	17		03		32	4.83	P=0.014	
	22		10		37	75		
	25		5.05	P=0.011	43	78		
	30		10		48	4.75	P=0.014	
	35		4.98		53	78		
	38		4.93	P=0.014	59	88		
	43		5.13		63	4.88	P=0.018	
	50		.00		68	90		
	55		4.93	P=0.010	74	93		
	60		5.55		78	4.88	P=0.013	
	66		.00		83	85		
	71		5.03	P=0.008	89	85		
	76		50		93	5.30	P=0.005	
	82		4.83		98	13		
	87		4.83	P=0.013	2205	4.80		
	92		90		09	5.30	P=0.006	
	97		5.08		14	18		
	2102		5.03	P=0.014	21	4.90		
	07		10		25	5.43	P=0.016	
	12		4.83		30	.45		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~Ounces~~	Dec.	RECEIVED ~~Ounces~~	Dec.	DELIVERED ~~Ounces~~	Dec.
				To Copper		To Nickel	321	Min to	
7/19	2235	Denver Br	Zn=	5.43		2240	Zn= 5.35	P=0.012	
7/20	2243	Bronze-D	Zn=	4.83		2353	Zn= 4.83		
	48			.83		58	4.90	P=0.006	
	53			5.05	P=0.002	62	90		
	57			33		68	80		
	62			20		73	4.88	P=0.007	
	67			5.43	P=0.010	77	88		
	71			4.75		83	90		
	76			5.33		88	4.85	P=0.012	
	81			5.35	P=0.010	92	80		
	87			4.75		98	85		
	92			5.30		2403	4.83	P=0.015	
	97			5.40	P=0.003	07	80		
	2303			4.88		13	88		
	08			85		18	5.30	P=0.004	
	13			4.75	P=0.000	22	4.95		
	18			75		28	85		
	23			75		34	5.30	P=0.007	
	27			4.90	P=0.000	38	4.83		
	33			75		44	78		
	38			80		50	5.33	P=0.010	
	43			4.85	P=0.007	54	.30		
	48			4.88		2460	5.30		
7/23	2465	Bronze-D	Zn=	5.45	P=0.013	2513	Zn= 4.73		
	69			48		19	85		
	75			4.90		25	4.83	P=0.012	
	79			4.90	P=0.016	29	95		
	84			98		35	90		
	89			78		40	5.10	P=0.018	
	93			5.13	P=0.013	44	4.93		
	97			4.75		50	95		
	2503			75		54	5.03	P=0.020	
	09			5.07	P=0.016	59	.00		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper OUNCES	GROSS WEIGHT DEC.	RECEIVED % Nickel OUNCES	RECEIVED Zn DEC.	DELIVERED mm Silver OUNCES	DELIVERED DEC.
1973									
7/23	2565	Bronze - D	Zn=	5.18		2631	Zn= 4.85	P=0.024	
	70			5.03	P=0.018	35	85		
	74			.05		40	85		
	80			.13		46	4.75	P=0.006	
	86			4.75	P=0.014	50	85		
	90			83		55	85		
	95			85		62	4.80	P=0.013	
	2601			4.73	P=0.012	66	88		
	05			78		71	83		
	10			80		78	4.95	P=0.014	
	16			4.85	P=0.020	82	93		
	20			83		87	93		
	25			83		90	4.88		
7/24	2695	Dem. Br	Zn=	5.00	P=0.010	2795	Zn= 4.93		
	2700			4.83		2800	4.90	P=0.004	
	04			80		05	88		
	09			4.98	P=0.021	10	85		
	15			5.10		14	4.73	P=0.011	
	19			15		19	.75		
	24			4.83	P=0.013	24	.78		
	27			93		26	85		
	32			78		30	4.90	P=0.008	
	37			4.90	P=0.014	35	90		
	43			5.05		41	78		
	48			.30		45	4.75	P=0.010	
	55			5.00	P=0.014	2850	5.00		
	59			08		55	4.95		
	64			.23		60	4.95	P=0.017	
	71			4.98	P=0.013	65	85		
	75			88		71	95		
	80			95		75	4.85	P=0.020	
	86			5.05	P=0.009	80	98		
	2790			.00		2886	95		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES		DEC.	DELIVERED OUNCES	DEC.
7/24	2890	Bronze-D	Zn=	5.10	P=0.008	2927	Zn=	4.83		
	95			4.75		33		78		
	2902			90		37		4.80	P=0.010	
	06			5.15	P=0.007	42		83		
	11			4.83		47		93		
	18			80		2951		4.75	P=0.002	
	22			4.75	P=0.008	—	—	—	—	—
7/25	2955	Bronze-D	Zn=	5.00		3079	Zn=	5.48		
	59			05		88		490	not Rec - no rec P=0	
	64			4.95	P=0.014	92		83		
	64			5.55		97		5.00		
	73			33		3103		5.08	P=0.013	
	78			5.48	P=0.007	07		4.83		
	84			20		12		83		
	88			4.88		18		5.25	P=0.011	
	92			5.70	P=0.008	22		25		
	96			15		27		4.93		
	3001			4.85		33		5.23		
	08			5.70	P=0.010	37		5.25	P=0.022	
	12			20		42		30		
	17			4.88		48		15		
	24			4.95	P=0.014	52		5.05	P=0.009	
	28			5.35		57		15		
	33			35		61		25		
	39			5.00	P=0.009	68		5.05	P=0.022	
	43			25		73		.03		
	48			4.85		80		.13		
	54			5.53	P=0.008	84		5.15	P=0.009	
	59			.55		89		15		
	64			.53		95		13		
	69			5.40	P=0.007	99		5.18	P=0.017	
	74			5.38		3202		5.15		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT % Copper OUNCES	DEC.	RECEIVED % Nickel OUNCES	Zn DEC.	DELIVERED Mn OUNCES	DEC.
7/26	3204	Bronze Ing-D	Zn=	5.00		3320	Zn= 4.93	P=0.002	
	08			.10		23	.93		
	13			5.23	P=0.003	30	.85		
	18			20		37	5.25	P=0.009	
	22			25		41	25		
	27			5.38	P=0.008	46	25		
	30			13		52	5.33	P=0.010	
	34			18		56	15		
	38			48		61	23		
	43			5.05	P=0.015	67	5.05	P=0.05	
	47			40		71	4.98		
	3253			03		76	5.10		
	59			4.80	P=0.010	82	5.00	P=0.009	
	63			5.05		86	4.98		
	68			38		91	95		
	75			4.93	P=0.000	97	5.13	P=0.014	
	79			95		3401	38		
	84			5.10		06	15		
	90			4.98	P=0.000	13	5.13	P=0.008	
	94			95		17	38		
	3299			5.05		22	13		
	3305			4.90	P=0.011	29	5.35	P=0.006	
	10			93		33	.40		
	3315			90		3438	5.03		
7/26	73-524M 54	Bridgeport	14	9493	Zn = 95.00	Lo = 9486	0.007 Fe 0.029 P	0.000	.049-50	85
7/27	3445	Bronze-D	Zn=	5.33	P=0.018	3483	Zn= 4.75		
	49			20		88	5.13		
	54			18		91	.00	P=0.022	
	60			5.25	P=0.011	95	4.80		
	65			10		3500	5.10		
	68			00		07	00		
	72			03	~~P=0.~~	11	4.80	P=0.007	
	77			5.05	P=0.009	16	5.13		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	~~GROSS WEIGHT~~ % Copper OUNCES	DEC.	~~RECEIVED~~ % Nickel OUNCES	Zn DEC.	~~DELIVERED~~ mm OUNCES	Ltr DEC.
7/27	3523	Bronze Ing A Zn=	5.03		3554 Zn=	5.10		
	27		5.10	P=0.014	58	5.08	P=0.012	
	32		.05		63	5.10		
	39		.15		71	.00		
	43		5.08	P=0.007	75	5.10	P=0.006	
	48		5.20		81	4.98		
	3587		4.90		3648	5.05		
	91		4.85	P=0.016	52	5.00	P=0.014	
	96		.88		57	.05		
	3602		5.00		64	4.93		
	06		4.93	P=0.016	68	4.90	P=0.016	
	11		.90		73	5.35		
	17		.95		77	.00		
	21		4.98	P=0.013	81	4.93		
	26		5.03		85	5.08	P=0.012	
	32		.03		— —	—	—	
	36		5.05	P=0.022	— —	—	—	
7/27	1	Bronze medals Cu=	90.08	Zn= 9.75	8	Cu= 90.25	Zn= 9.74	
	2		.22	.70	9	.30	.69	
	3		89.92	10.03	10	.12	.87	
	4		90.12	9.75	11	.12	.87	
	5		.24	.78	12	.19	.80	
	6		.12	.87	13	90.18	9.80	
	7		90.09	9.90	— —	—	—	
7/30	3689	Bronze Ing B Zn=	5.10		3729 Zn=	5.15	P=0.011	
	93		.15		34	.10		
	98		5.23	P=0.010	37	.03		
	3704		.00		41	5.10	P=0.003	
	09		.03		46	.10		
	13		5.15	P=0.011	53	.05		
	17		.25		57	5.10	P=0.008	
	22		4.90		62	.13		
	25		5.08		69	4.95		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	mult DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES % Copper	GROSS WEIGHT DEC.	RECEIVED OUNCES % Nickel	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
7/30	3773	Bronze Dsg-A	Zn=	5.00	P=0,000	3804	Zn= 5.03	P=0,015	
	78			05		09	05		
	84			00		14	00		
	88			5.00	P=0.003	19	5.00	P=0.011	
	93			00		24	5.10		
	99			5.05		28	5.10		
	38 32			5.08		3888	4.93		
	37			5.05	P=0.013	92	5.05		
	43			.03		97	5.20	P=0.000	
	47			.05		3904	4.95		
	52			5.10	P=0.011	08	5.18		
	58			.03		13	5.18	P=0.005	
	62			.08		20	15		
	67			5.05	P=0.029	24	23		
	73			.03		29	5.13	P=0.006	
	77			.03		34	10		
	38 82			5.00	P=0.013	3939	5.15		
7/31	3945	Bronz Dsg	Zn=	5.23	P=0.014	4026	Zn= 5.33		
	50			18		30	35		
	56			23		35	5.35	P=0.007	
	60			5.10	P=0.005	41	38		
	65			28		45	33		
	69			15		50	5.08	P=0.004	
	73			5.13	P=0.004	55	05		
	78			20		60	28		
	85			08		65	5.23	P=0.012	
	90			5.20	P=0.003	70	33		
	93			13		75	35		
	97			18		80	5.30	P=0.007	
	4002			4.93	P=0.011	79	1.15		
	09			5.20		83	1.10		
	13			.18		88	.05		
	18			5.25	P=0.009	94	5.05	P=0.011	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
7/31	4098	Bronze Dng D Zn=	5.08		4143 Zn=	4.93	P=0.018	
	4103		08		48	90		
	09		10		55	83		
	13		5.05	P=0.010	59	4.90	P=0.014	
	18		.05		64	83		
	24		.05		69	5.08		
	28		5.03	P=0.004	73	5.03	P=0.013	
	33		10		4178	5.10		
	4139		4.85		—	—	—	—
7/31	73-798 HT 3	Olin Corp 25#	91	53	Vx Q=	8.29	0.06	0.12 .054 86
	4			43		.37	.07	.13 .053 87
	5		91	56		8.33	0.06	0.13 ✓ 87
8/1	4185	Bronze Dng - D Zn=	5.20		4288 Zn=	4.93		
	89		4.98	P=0.017	93	5.15		
	96		5.23		98	5.10	P=0.022	
	4200		4.98		4303	.08		
	05		5.45	P=0.009	08	.00		
	09		4.88		13	5.03	P=0.024	
	13		93		4319	5.00		
	18		5.00	P=0.011	21	.00		
	24		05		25	.00		
	30		.30		30	5.08	P=0.007	
	33		4.93		36	13		
	37		4.90	P=0.010	40	13		
	42		90		45	5.03	P=0.007	
	48		83		51	4.93		
	52		4.95	P=0.002 ✓	55	.95		
	57		85		60	4.95	P=0.000	
	63		80		66	90		
	67		4.83	P=0.008	70	90		
	72		83		75	4.88	P=0.003	
	78		78		81	5.08		
	4284		4.88	P=0.013	85	4.98		

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DATE 1973	melt DRAFTS #	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
8/1	4390	Bronze Ing-D Zn=	5.10	P=0.017	4417 Zn=	5.08		
	97		.08		22	5.10	P=0.016	
	4401		.00		28	.03		
	06		5.05	P=0.016	32	.03		
	44 13		.10		4436	4.98	P=0.021	
8/1	73-746 77	Olin Corp 54	74 54		VxQ= 25.29		1064-65	90
	18		42		57		1063-64	87
	19		74 46		25.53		✓	90
8/1	73-746 77 20	Olin Corp 54	74 90		VxQ= 25.06		1063-65	89
	21		75 61		24.37		1063-64	89
8/2	4443	Bronze Ing D Zn=	5.08		4556 Zn=	5.15		
	48		10		62	18		
	53		05		67	5.20	P=0.006	
	58		4.90	P=0.000	72	.18		
	63		80		76	.23		
	67		5.05		82	5.13	P=0.007	
	72		05		86	15		
	75		483	P=0.002	91	05		
	79		5.03		97	4.95	P=0.014	
	84		.08		4601	90		
	91		483	P=0.003	06	93		
	97		5.05		12	93		
	4501		4.85		16	4.90	P=0.011	
	06		4.88	P=0.004	21	93		
	11		5.05		27	5.10		
	17		4.95		31	4.95	P=0.010	
	21		4.98	P=0.000	36	5.03		
	26		98		43	4.95		
	32		90		47	4.95	P=0.011	
	36		4.95	P=0.004	52	98		
	41		95		57	5.13		
	47		5.23		63	5.15	P=0.033	
	4551		5.18	P=0.013	4668	.10		

RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED OUNCES	DELIVERED DEC.
8/2	4673	Bronze Ing & Zn =	5.00		4680 Zn =	4.98		
	76		5.00	P = 0.014	–	–	–	–
8/3	4685	Bronze Ing - & Zn =	5.05		4748 Zn =	4.95		
	89		4.98	P = 0.011	52	4.90	P = 0.004	
	94		98		57	98		
	96		98		63	95		
	4700		98		67	4.90	P = 0.006	
	05		5.03	P = 0.024	72	5.03		
	09		03		78	4.93		
	13		05		82	4.93	P = 0.011	
	18		00		87	5.05		
	21		5.03	P = 0.007	93	10		
	25		4.90		98	5.05	P = 0.005	
	30		5.05		4803	.00		
	33		4.95		07	.05		
	37		4.83	P = 0.004	12	5.03	P = 0.011	
	47 42		5.00		4817	03		
8/3	4823	Zn =	4.85		4883 Zn =	4.90		
	29		4.85	P = 0.013	87	5.03		
	32		93		92	4.95	P = 0.022	
	38		88		98	98		
	42		5.08		4902	95		
	47		5.05	P = 0.007	07	5.03	P = 0.005	
	53		4.98		13	03		
	57		95		17	4.98		
	62		4.95	P = 0.010	22	5.05	P = 0.004	
	68		93		27	4.93		
	72		5.03		32	5.10		
	48 77		5.00	P = 0.013	4937	5.00	P = 0.009	
8/3	13-746M 22	Elec Corp	54	2496	Rec = 2480		[illegible] .66	88
8/3	13-524M 55	Bridge	14	9496	Zn = 9516	Zn = 4.96	[illegible] 0.05	87
8/3	13-793M 6	Elec Corp	25	9.52	Rec = 8.30	.009	0.11	1853-57 86

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DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT % Copper Ounces	GROSS WEIGHT % Copper Dec.	RECEIVED % Nickel Ounces	RECEIVED % Zinc Dec.	DELIVERED Mint Ounces	DELIVERED Dec.
8/6	4940	Bronze Ing. D	Zn= 5.15		4992	Zn= 5.13		
	44		.18		98	4.90	P= 0.000	
	49		.15		5002	.95		
	4954		.08	P= 0.009	07	.75		
	58		.23		5013	.98	P 005	
	4963		.23		17	5.00		
	68		.08	P= 0.004	5022	4.85		
	4972		4.95		27	.98	P= 0.009	
	77		5.10		5032	.95		
	4983		.08	P= 0.002	36	.98		
	87		.03		5041	.95	P= 0.009	
8/6	5055		Zn= 5.10		5115	Zn= 4.93		
	59		5.00	P= 0.002	19	4.95	P= 0.036	
	64		4.98		24	98		
	70		.95		30	95		
	74		4.95	P= 0.009	34	4.98	P= 0.003	
	79		5.05		39	98		
	85		4.90		45	5.00		
	89		4.85	P= 0.012	49	4.95	P= 0.008	
	94		85		54	98		
	5100		88		60	95		
	04		4.85	P= 0.014	65	4.98	P= 0.009	
	09		85		—	—	—	—
8/6	73-7466	Olin Brass	54	7455	VxQ= 25.25		.063-64	89
	-23						✓	89
	-24			7488	24.80			
8/7	5171	Bronze Ing-D	Zn= 4.78		5205	Zn= 4.95	P= 0.009	
	76		4.83	P= 0.006	09	85		
	81		78		14	83		
	85		80		19	4.90	P= 0.000	
	90		4.75	P= 0.001	24	85		
	95		60		29	83		
	97		80		34	4.88	P= 0.005	
	5201		5.15		39	85		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/7 Am	5244	Bronze Dry - D Zn=	4.85		5274 Zn=	4.85		
	49		4.83	P=0.004	79	4.95	P=0.015	
	54		90		84	88		
	59		88		89	90		
	64		4.85	P=0.000	94	4.90	P=0.007	
	5269		.90		5299 Zn=	4.80		
Am	5303	Zn=	4.88		5368	4.98	P=0.007	
	08		4.95	P=0.017	74	88		
	14		.90		78	5.00		
	18		.90		83	4.90	P=0.010	
	23		4.88	P=0.038	89	95		
	29		93		93	5.00		
	33		85		98	4.95	P=0.012	
	38		4.85	P=0.037	5404	93		
	44		90		08	95		
	48		90		13	4.95	P=0.015	
	53		4.85	P=0.032	16	.85		
	59		93		18	4.85		
	5363		93		—	—	—	—
8/8	5419	Bronze Dry - D Zn=	4.95		5479 Zn=	4.85		
	21		95		84	5.00		
	26		5.25	P=0.010	89	4.83	P=0.017	
	5431		4.98					
	34		4.95		94	93		
	38		93		5499	.85		
	43		5.23	P=0.024	5504	4.85	P=0.006	
	45		4.73		09	83		
	50		73		14	85		
	55		5.05		19	4.98	P=0.005	
	57		4.60	P=0.004	24	83		
	62		90		29	90		
	67		85		34	5.00	P=0.012	
	69		5.00		39	4.83		
	74		4.83	P=0.002	44	85		

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DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES Cu	GROSS WEIGHT DEC.	RECEIVED OUNCES Ni	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/8	5549	Bronze Dug - D	Zn=	4,83	P=0,016	5623	Zn= 5,00	P=0.005	
	5554			4,78		28	00		
	59			,90		34	00		
	63			4,88	P=0,006	38	4,98	P=0,014	
	68			90		43	93		
	74			88		49	83		
	78			4,85	P=0,004	53	4,85	P=0.011	
	83			85		58	85		
	89			80		61	85		
	93			4,80	P=0.019	65	83		
	98			78		70	4,80	P=0.017	
	5604			75		73	5.05		
	08			4,78	P=0.009	77	05		
	13			78		5682	5,10		
	19			4.95		–	–	–	–
8/8	73-746M 25	Olin Corp	57	74 75		1XQ=25.09	0.06	[illegible]	1063-64 85
8/8 ✓	73-748M 7	Olin Corp	254	91 45		1XQ= 8.40	.06	.09	1063-54 86
	8			51		.31	.10	.08	.053 87
	9			51		.28	.10	.09	.053-54 86
	10			51		.31	.09	.09	✓ 83
	11			91 58		8.28	0.06	0.09	✓ 83
8/8	73-524M 56	Bridgeport Br	14	94 97	Ni=	95.09	Zn= 94.84	0.00 Ni 0.03 Zn	1049-50 86
8/9	5686	Bronze Dug D	Zn=	4,98	P=0.015	5732	Zn= 4,88		
	91			80		34	88		
	96			90	P=	39	4,80	P=0.027	
	98			4,98	P=0.024	44	85		
	5703			83		49	88		
	08			95		54	4,85	P=0.012	
	10			85		59	90		
	15			4,90	P=0.009	64	75		
	20			75		69	5.05	P=0.004	
	22			83		74	05		
	27			4,90	P=0.028	5779	5.00		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT OUNCES (Au)	GROSS WEIGHT DEC.	RECEIVED OUNCES (Au)	RECEIVED ~~DEC.~~ (Zn)	DELIVERED OUNCES (mint)	DELIVERED DEC.
8/9	5784	Bronze Dug-D Zn=	5,06	P=0,004	5873 Zn=	4,78	P=0,024	
	89		4,73		79	5,15		
	94		93		83	00		
	5800		4,93	P=0,039	88	5,03	P=0,021	
	05		95		94	08		
	09		5,05		98	00		
	14		5,05	P=0,013	5903	5,20	P=0,017	
	20		,05		09	10		
	19		4,98		13	10		
	23		75		18	5,15	P=0,016	
	28		5,00	P=0,024	21	10		
	34		4,98		25	20		
	38		95		30	20		
	43		5,00	P=0,015	33	5,15	P=0,039	
	49		6,00		37	4,65		
	53		4,95		42	75		
	58		4,98	P=0,027	45	5,15		
	64		,90		48	4,70	P=0,019	
	68		,95		52	4,75		
8/4	73-524M 57	Bridgeport 14	95,20	Hi= 95,24	Lo= 95,15	0,004 Fe, 0,026 P, 0,006 Fe, 0,022 P	0,070	1044-50 87
	58		94,82	94,94	94,70		,000	1044-57 87
8/10	5956	Bronze Dug-D Zn=	5,00		6004 Zn=	4,98		
	61		5,03	P=0,009	09	5,08	P=0,004	
	66		08		14	4,93		
	68		08		19	95		
	73		00		24	5,00	P=0,006	
	78		5,03	P=0,014	29	4,90		
	80		,03		34	,85		
	85		,05		39	4,93	P=0,008	
	90		4,93		44	93		
	92		4,95	P=0,013	49	95		
	97		88		54	4,93	P=0,014	
	6002		95		59	98		

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DATE 1973	melv ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
8/10	6064	Bronze Ing-D Zn=	5,00		6146 Zn=	4,75	P=0.021	
	69		5,00	P=0.022	52	85		
	74		100		56	90		
	79		4,70		61	4,90	P=0.012	
	84		75	P=0,05	67	90		
	89		73		71	5,00		
	92		80		76	5,00	P=0,021	
	96		85		82	4,93		
	6101		4,78	P=0,011	86	95		
	07		85		91	4,93	P=0.033	
	11		78		94	98		
	16		4,83	P=0.019	98	98		
	22		88		6203	90		
	26		93		06	4,98	P=0.028	
	31		4,95	P=0.017	10	5,00		
	37		75		6213	,08		
	61 H1		75		—	—	—	—
8/13	6218	Bronze Ing-D Zn=	4,90		6286 Zn=	4,95		
	23		4,88	P=0.012	91	90		
	28		88		96	4,85	P=0.002	
	30		90		6301	90		
	35		4,75	P=0.012	06	90		
	40		83		11	4,90	P=0.006	
	42		73		16	88		
	47		70		21	90		
	52		4,95	P=0.015	26	4,95	P=0.005	
	54		70		32	95		
	59		85		37	90		
	64		90		41	4,78	P=0.004	
	66		4,78	P=0.009	47	75		
	71		90		6352	4,73		
	76		90		54	5,00		
	81		4,80	P=0.012	58	4,95	P=0.004	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED OUNCES	DELIVERED DEC.
8/13	6363	Bronze Ing-D Zn=	4.98		6418 Zn=	4.80	P=0.007	
	69		90		23	90		
	73		4.90	P=0.002	29	80		
	78		93		33	4.80	P=0.005	
	84		90		38	90		
	88		4.85	P=0.015	44	78		
	93		80		48	4.80	P=0.004	
	99		83		53	85		
	6403		4.88	P=0.017	57	95		
	08		93		61	5.08	P=0.014	
	6414		4.75		66	5.08		
8/14	6471	Bronze Ing-D Zn=	4.83		6539 Zn=	4.65		
	76		4.75	P=0.016	44	85		
	81		83		49	4.83	P=0.011	
	83		85		54	83		
	88		78		59	5.00		
	93		4.75	P=0.002	64	4.83	P=0.002	
	95		53		69	88		
	6500		53		74	505		
	12		63		79	4.75	P=0.017	
	19		4.80	P=0.001	85	70		
	24		73		90	68		
	6505		4.73	P=0.000	94	4.65	P=0.017	
	29		75		6600	78		
	6534		4.80	P=0.002	6604	4.80		
8/14	6605		.75		6644 Zn=	4.93		
	09		4.78	P=0.009	50	90		
	14		80		54	4.95	P=0.014	
	20		80		59	80		
	24		4.83	P=0.000	65	88		
	29		78		69	4.90	P=0.005	
	35		90		74	85		
	6639		4.95	P=0.024	6680	4.98		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/14	6684	Bring Ing-D Zn=	4.80	P=0.008	6716 Zn=	5.05	P=0.032	
	89		80		19	4.85		
	95		93		23	95		
	6700		5.05	P=0.022	28	78		
	04		4.98		31	4.90	P=0.018	
	07		98		35	4.90		
	6711		4.95		–	–	–	–
8/15	6742	Bring Ing-D Zn=	4.60		6815 Zn=	4.80		
	47		4.65	P=0.012	20	63		
	52		63		25	4.55	P=0.010	
	59		65		30	55		
	64		4.60	P=0.108	35	60		
	71		73		40	4.65	P=0.024	
	76		70		45	58		
	82		4.53	P=0.002	50	50		
	87		75		56	50		
	90		88		61	4.50	P=0.012	
	95		4.85	P=0.000	65	53		
	6800		85		71	50		
	05		90		6876	4.50	P=0.018	
	6810		4.90	P=0.142	6878	70		
	6882		165		6942	4.85		
	87		65		47	5.00		
	93		4.75	P=0.024	53	4.80	P=0.015	
	97		80		57	95		
	6902		70		62	98		
	08		4.58	P=0.007	68	4.75	P=0.029	
	12		55		72	75		
	17		55		77	73		
	23		4.60	P=0.011	80	75		
	27		63		84	4.70	P=0.021	
	32		63		89	75		
	38		5.00	P=0.004	6992	85		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mint DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/15	6996	Bronze Dep-D Zn=	4.75	P=0.011	7008 Zn=	4.83		
	7001		90		7011	4.90	P=0.015	
	04		4.85		—	—	—	—
8/16	7015	Bronze Dep-D Zn=	5.03		7141 Zn=	4.75		
	20		4.65		46	83		
	25		4.75	P=0.012	7157	4.80	P=0.010	
	32		5.00		52	73		
	37		10		55	73		
	44		5.10	P=0.001	60	80		
	49		4.93		66	4.70	P=0.027	
	55		88		70	85		
	59		4.83	P=0.021	75	80		
	63		5.00		81	4.78	P=0.024	
	68		4.90		85	78		
	73		4.85	P=0.012	90	88		
	79		93		96	4.80	P=0.008	
	84		90		7200	80		
	89		4.95	P=0.012	05	78		
	95		70		11	4.73	P=0.016	
	7100		70		15	75		
	05		4.75	P=0.017	20	83		
	11		75		26	4.75	P=0.013	
	16		68		30	75		
	21		4.80	P=0.008	35	78		
	26		95		41	4.75	P=0.[illegible]	
	31		90		45	73		
	36 5th		4.90	P=0.028	7250	[illegible]		
	7253		4.75		7274 Zn=	4.63	P=0.026	
	57		4.75	P=0.037	76	.68		
	62		83		80	.80		
	65		73		7284	4.65		
	67		4.90		—	—	—	—

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TREASURY DEPARTMENT
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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~ Troy	Dec.	RECEIVED ~~OUNCES~~ Fine	Dec.	DELIVERED ~~OUNCES~~	Dec.
8/15	TMT4-1	Olin Corp	14	94.64	Zi=	9471	Lo =	94.57	86
	73-748M 12	Olin Corp	254	91.55		VXQ=	8.30	0.03	0.11	.1054	✓
	13			55			30	04	11	.1053-54	✓
	14			48			33	07	17	✓	✓
	15			51			33	.03	12	✓	✓
	16			57			28	04	11	✓	✓
	17			91.38			8.46	0.04	0.11	✓	✓
8/16	73-746 M 26	Olin Corp	54	7483		VXQ=	2491			.1063-65	90
8/16	73-524 M 59	Bridgeport	14	94.93	Zi=	9502	Lo =	94.83	0.016P	0.000	.1049-50	85
	60		✓	9473			Zi=	9477	Lo=	9469	.1049-50	86
8/17	7288	Bronze Eng-D	Zn=	4.83	P=0.022	7357	Zn=	4.83				
	93			98		62		90				
	98			80		68		4.95	P=0.014			
	7300			88		73		88				
	05			4.85	P=0.032	78		80				
	10			73		84		4.93	P=0.014			
	17			75		89		88				
	22			4.73	P=0.024	94		83				
	29			75		7400		4.88	P=0.010			
	34			78		05		98				
	36			4.83	P=0.018	10		93				
	41			88		16		4.93	P=0.005			
	46			88		21		90				
	52			4.78	P=0.030	26		4.80				
	7423			5.10		7468		4.83				
	27			10		72		88				
	32			4.68	P=0.024	77		4.83	P=0.015			
	38			68		83		90				
	42			70		87		93				
	47			4.73	P=0.029	92		4.95	P=0.041			
	53			90		98		85				
	57			90		7502		80				
	7462			4.83	P=0.014	07		4.95				

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/17	7510	Bronze Dmg. D Zm	4,88	P=0.017	7528 Zmz	5.03		
	14		93		33	4,75		
	19		88		37	75	P=0.012	
	7524		4,85	P=0.015	7542	5,03		
8/17	73-798 M 18	Olin Corp	254 91 56		VKQ= 8.28	0.04	0,11 1053-57	85
8/17	7544	Bronze Dmg-D Zmz	4,85		7612 Zmz	4.80	P=0.010	
	49		4.93	P=0.011	17	95		
	56		88		22	5.03		
	61		90		27	5.08	P=0.009	
	66		4,83	P=0.013	32	4.78		
	73		5.43		37	5.05		
	78		48		42	495	P=0.001	
	80		4,85	P=0.009	47	80		
	85		83		52	90		
	90		78		58	495	P=0.005	
	97		4,85	P=0.009	63	88		
	7602		83		67	90		
	07		85		73	4,88	P=0004	
	7679		5.00		7678	4.88		
	82		05		7743	4,80		
	87		5.08	P=0.004	47	4.75	P=0.009	
	93		08		52	83		
	98		03		58	5.38		
	7702		5,13	P=0.05	62	5.43	P=0.002	
	07		00		67	43		
	12		00		70	50		
	17		4.95	P=0.011	74	5.48	P=0.007	
	23		5.08		79	40		
	33		4.90	P=0.009	84	4.83		
	7737		4.88		89	4.80	P=0.04	
	—		—	— —	7793	5.35		
8/20 ✓	73-746 M 27	Olin Corp	54 7453		VKQ= 25.11		~~1053-~~ 64 1063-64	89
	28		7463		25.10		~~0537~~ 65 1063-65	89

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DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~Ounces~~ fine	GROSS WEIGHT Dec.	RECEIVED ~~Ounces~~ fine	RECEIVED ~~Dec.~~	DELIVERED Ounces	DELIVERED Dec.
8/20 TM	74-1-2	Olin Corp 14	94 75	He=	94.75	Lo= 94.74	1049-51	85½
	3		70		73	67	1049-50	✓
	4		54		56	57	✓	✓
	5		92		93	90	✓	85
	6		94 75		94.85	94.65	✓	✓
8/21	7796	Bronze Ing-D Zn=	4.95		7804	Zn= 5.03	P=0.024	
	7801		5.05		69	25		
	06		5.20	P=0.017	74	10		
	13		4.93		79	4.80	P=0.012	
	18		5.30		84	93		
	20		4.78	P=0.026	89	73		
	25		85		94	4.88	P=0.017	
	30		98		99	90		
	32		5.18		7904	98		
	37		5.45	P=0.029	10	4.93	P=0.028	
	42		4.90		15	5.15		
	49		5.05	P=0.021	19	08		
	54		10		25	5.00	P=0.007	
	7859		5.23		7930	5.03		
	7929		4.88	P=0.043	7998	4.80		
	33		83		8006	4.88	P=0.015	
	38		85		08	73		
	44		4.88	P=0.016	13	83		
	48		78		19	5.00	P=0.008	
	53		85		23	4.98		
	59		4.83	P=0.012	28	5.00		
	63		95		31	.00		
	68		83		35	5.00	P=0.012	
	74		4.88	P=0.028	40	4.88		
	78		80		43	5.00		
	83		88		47	4.85		
	89		4.75	P=0.017	52	4.93	P=0.024	
	7993		78		55	.78		
	8059		5.05		8064	4.78	P=0.011	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~Ounces~~	Dec.	RECEIVED ~~Ounces~~	Fine	DELIVERED Ounces	Dec.
8/20	TM74-1- 7	Olin Corp 1¢	94 14		Rec = 94 15	Lo =	94 13	86
	8		72		77		66 ✓	✓
	9		06		10		02 ✓	✓
	10		94 48		25		94 20 ✓	✓
8/22	8065	Baumgartner In=	4.80		8134 In =	4.93		
	70		85		39	5.13	P= 0.007	
	75		98		44	4.98		
	82		4.78	P=0.022	49	5.00		
	87		93		54	5.00	P=0.005	
	89		90		59	08		
	94		4.90	P=0.001	64	08		
	99		80		69	4.90	P=0.017	
	8102		5.03		74	85		
	07		4.93	P=0.021	79	90		
	12		5.00		84	4.85	P=0.018	
	19		4.93		89	93		
	24		5.10	P=0.006	94	90		
	8179		4.75		8199	5.03	P=0.003	
	8200		.88		8275	4.93	P=0.010	
	04		98		79	90		
	09		75		84	5.00		
	15		4.83	P=0.011	90	5.15	P=0.020	
	19		85		94	10		
	24		5.05		8299	10		
	30		4.88	P=0.012	8304	5.15	P=0.004	
	34		95		08	03		
	39		93		13	20		
	45		5.00	P=0.026	16	13		
	49		03		20	5.18	P=0.02	
	54		00		25	23		
	60		4.90	P=0.009	29	5.25		
	64		98		-	- -	-	-
	69		5.03		-	- -	-	-

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt # DRAFTS	DESCRIPTION		GROSS WEIGHT % ~~OUNCES~~ Copper	DEC.	RECEIVED % ~~OUNCES~~ Nickel	~~DEC.~~ Zn	DELIVERED mint OUNCES	DEC.
8/21	TM74-1- 11	Olin Corp	14	94.58		Ni = 94.66	Zn = 94.49	1049-51	86
	12			94.66		94.72	94.59	1049-50	86
8/21	73-746 M 29	Olin Corp	54	74.73		Ni x Zn = 24.90		.064	88
	30			64		25.30		1064-65	88
	31			75.00		24.74		✓	88
	32			74.86		24.78		.064	88
8/21	73-524 M 61	Bridgeport Brass	14	94.56		Ni = 94.59	Zn = 94.53	1049-51	85
8/23	8332	Bronze Ing-O	Zn =	4.88		8405 Zn =	4.98		
	36			5.03	P = 0.008	10	93		
	44			4.88		15	4.93	P = 0.002	
	49			5.03		20	85		
	54			5.00	P = 0.011	25	95		
	61			18		30	4.85	P = 0.000	
	68			5.05	P = 0.028	35	90		
	72			13		40	95		
	77			4.95		45	4.85	P = 0.002	
	80			95		50	93		
	85			4.93	P = 0.012	55	3.48		
	90			95		60	3.50	P = 0.004	
	95			95		8465	3.45		
	8400			4.98	P = 0.004	8466	4.88		
	8470			4.98		8530	83		
	75			4.93	P = 0.002	35	4.98	P = 0.008	
	81			95		42	88		
	85			88		46	5.03		
	90			4.93	P = 0.009	51	4.85	P = 0.012	
	96			5.00		56	85		
	8500			00		60	80		
	05			4.95	P = 0.001	64	83		
	11			95		68	4.75	P = 0.014	
	15			98		73	85		
	20			5.03	P = 0.009	78	75		
	26			4.90		83	4.93	P = 0.017	
	8587			4.93		8592	4.88		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	~~DRAFTS~~ Melt	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ Fine	Dec.	RECEIVED ~~OUNCES~~ Fine	Dec.	DELIVERED Ounces	Dec.
8/22	73-198 M 19	Olin Corp 254	91	43	Wtd = 8.40	0.05	0.11 054	86
	20			47	.34	.07	.10 053-54	86
	21			74	.08	.05	.11 ✓	86
	22			53	8.27	.09	0.10 ✓	86
8/24	8597	Bronze Dry Zn =	4.90	P=0.015	8669 Zn =	4.93		
	8602		88		74	5.05		
	07		5.03		79	4.95	P=0.005	
	14		4.90	P=0.017	84	95		
	19		98		89	95		
	21		5.08		94	5.00	P=0.04	
	26		03		99	.00		
	32		5.05	P=0.008	8704	4.88		
	37		08		09	4.90	P=0.012	
	42		4.93		14	90		
	49		4.93	P=0.09	19	88		
	54		93		24	4.88	P=0.04	
	59		85		8729	4.93		
	8664		4.93	P=0.01	36	93		
	8740		4.88	P=0.07	92	83		
	45		90		98	5.08		
	52		88		8802	5.03	P=0.10	
	56		4.88	P=0.018	07	4.95		
	62		88		13	98		
	68		95		17	4.95	P=0.06	
	72		4.85	P=0.016	22	5.08		
	77		83		27	4.95		
	83		90		30	88		
	87 87.		4.95	P=0.04	8834	4.90	P=0.01	
8/24	73-746 M 33	Olin Corp 54	7463		Wtd = 2.508		063-65 89	
	34		82		2.495		064 88	
	35		59		2.520		063-64 89	
	36		87		.12		064 88	
	37		7471		2.514		063-64 88	

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DATE 1973	DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/24	73-746M 38	Olin Corp	54	7468		VXQ= 25.03		.063	
	39			72		.05		65 .063- 64	88 89
	40			74 84		24 91		.063- 65	89
8/27	8837	Bronze Dsq-D	Zn=	5.18		8908 Zn=	498		
	42			10		13	5.08	P=0.010	
	48			5.10 P=0.017		18	00		
	54			00		23	18		
	60			10		28	5.05	P=0.010	
	65			5.08 P=0.005		33	18		
	72			18		38	15		
	77			00		43	5.05	P=0.002	
	82			5.15 P=0.008		48	05		
	88			4.95		53	.00		
	94			5.03		58	5.00	P=0.010	
	98			4.95 P=0.007		63	.08		
	8903			5.00		68	05	P=002	
8/27	TM74-1 13	Olin Corp	14	9462	Zn=	9471	Zn=	9457	1050-57 86
	14			80		88		72	1049-50 86
	15			69		70		68	✓ 86
	16			9479		9481		94.76	✓ 86
8/27	8966	Bronze Dsq-D	Zn=	5.08		9021 Zn=	500	P=0.013	
	70			00		27	493		
	76			4.88 P=0.006		31	5.00		
	82			5.08		36	4.88	P=0.010	
	86			4.88		42	98		
	91			4.90 P=0.006		47	5.03		
	97			5.13		52	5.00	P=0.011	
	9001			.00		58	00		
	06			5.08 P=0.013		62	4.98		
	12			.00		67	4.98	P=0.008	
	16			5.00		9072	5.08		
8/27	73-798M 33	Olin Corp	54	9159		VXQ= 8.22007		0.11	85-3-54 86
	34			9149		836 0.03		0.11	✓ 85

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DATE 1973	~~DRAFTS~~ Melt #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/28	9076	Bronze Dig-D	Zn	4.90		9140 Zn =	4.85		
	80			85		44	5.03		
	85			5.00	P=0.017	49	4.98	P=0.009	
	88			4.88		55	90		
	92			90		59	90		
	97			90		64	4.85	P=0.013	
	9100			4.85	P=0.015	70	93		
	05			90		74	90		
	10			5.00		79	4.85	P=0.016	
	13			4.78		85	98		
	18			4.75	P=0.018	89	5.00		
	23			5.00		94	4.98	P=0.019	
	25			4.85		99	90		
	29			90		9204	90		
	9134			4.90	P=0.022	9209	4.85	P=0.013	
8/27	73-524M 62	~~Bridgeport~~	14	9435	Zn=	94.39 06 =	9430	049-53	86
	63	Bridgeport		51		69	35	049-50	86
	64			9522		9576	95.17	048-50	86
8/28	9215	Bronze Dig	Zn=5.00			9275 Zn =	5.05		
	19			5.05	P=0.009	79	6.10	P=0.009	
	24			05		84	05		
	30			03		90	05		
	34			4.98	P=0.010	94	5.05	P=0.006	
	39			5.00		9299	10		
	45			4.80		9305	15		
	49			4.85	P=0. Fumble Dec	09	5.15	P=0.018	
	54			85		14	18		
	60			85		17	4.70		
	64			4.85	P=0.017	21	65		
	69			4.85		26	4.63	P=0.004	
				—	— — —	9231	4.70		
8/29 v	73-746M 41	Klinkerp	54 v	7451		WQ= 25.16		.065-65	84
	42			7410		25.59		0.064	86

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	mint DRAFTS #	DESCRIPTION		GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
8/28	TM74-1- 17	Olin Corp	14	9478		Zn = 94.94	Cu =	94.61 .050	86
	18			81		.95		66 .044-.50	86
	19			93		.96		90 ✓	84
	20			9499		95.03		94.95 .050	87
8/29	9337	Bronze Ing-D	Zn	4.85		9410 Zn		5.03 P=0.011	
	42			4.83	P=0.019	15		18	
	49			83		20		20	
	54			80		25		5.20 P=0.013	
	59			4.95	P=0.032	30		20	
	61			5.00		35		13	
	66			4.95		40		5.13 P=0.018	
	73			93		45		4.95	
	78			505	P=0.011	9451		90	
	85			08		56		4.98 P=0.002	
	90			4.88		60		93	
	95			4.98	P=0.006	66		93	
	9400			5.03		9471		4.95 P=0.005	
	05			4.93		77		.95	
	9481			95		9541		.70	
	86			4.98	P=0.009	46		4.90 P=0.005	
	92			5.00		53		65	
	96			4.93		57		90	
	9501			4.95	P=0.001	62		4.75 P=0.006	
	07			93		69		80	
	11			90		73		88	
	16			4.85	P=0.021	78		4.90 P=0.017	
	22			93		83		90	
	26			90		87		85	
	31			4.95	P=0.027	92		4.90 P=0.029	
	9537			4.85		9596		4.85	
8/29	73-7463	Olin Corp	54	7483		UNO=2507		0.064 87	
	44		✓	7491		2497		✓ 86	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
8/30	9599	Bronze Dng Zm	5.08		9671 Zn=	4.88		
	9604		05		76	4.93	P=0.007	
	11		05		81	5.10		
	16		5.10	P=0.024	86	13		
	21		03		91	5.20	P=0.010	
	23		13		96	10		
	28		5.10	P=0.011	9701	10		
	35		4.95		06	5.15	P=0.007	
	40		5.00		11	10		
	46		5.03	P=0.012	15	10		
	51		4.68		20	4.90	P=0.007	
	56		85		25	90		
	61		4.95	P=0.018	9730	4.88		
	9666		4.73		9739	5.03	P=0.002	
	9743		5.05		9808	5.00		
	48		03		14	5.00	P=0.005	
	54		4.98	P=0.003	18	100		
	58		5.05		23	4.95		
	63		10		29	5.03	P=0.009	
	69		4.90	P=0.009	33	4.98		
	73		85		38	5.03		
	78		5.00		41	4.98		
	84		5.03	P=0.014	45	5.00	P=0.014	
	88		05		50	.03		
	93		.00		54	.00		
	99		5.00	P=0.007	9859	5.00	P=0.011	
	9803		5.00		—	—	—	—
8/30	73-748M-25	Olin Corp 25#	91 45		1X0=8.41	0.04	0.09 0.053-54	85
	26		46		37	04	.12 ✓	87
	27		37		49	03	.10 ✓	86
	28		91 42		8.41	0.05	0.11 ✓	84
8/31	9865	Bronze Dng Zn=	4.90		9877 Zn=	4.98	P=0.008	
	70		5.00		9882	5.00		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
8/31	9889	Bronze Ing-D Zn=	4.90		9949 Zn=	4.90			
	94		4.90	P=0.032	54	4.85	P=0.007		
	99		85		59	93			
	9902		95		64	93			
	07		4.83	P=0.013	69	4.85	P=0.013		
	14		95		74	85			
	19		95		79	78			
	24		5.00	P=0.019	84	4.88	P=0.015		
	29		00		89	5.00			
	34		4.95		94	4.93			
	39		5.05	P=0.019	9999	4.83	P=0.005		
	9944		4.83		—	—	—		
8/30	TM74-1- 21	Min Corp 14	94 85	Zn=	94 87	Zn=	94.82	1049-50	86
	22		80		82		.78 ✓		87
	23		99		95 07		.90 ✓		86
	24		94 75		94 80		94.69 ✓		86
8/31	10005	Bronze Ing-D Zn	5.10		10054 Zn=	5.00			
	09		08		59	4.98	P=0.026		
	14		5.00	P=0.007	65	5.13			
	20		10		69	10			
	24		10		74	5.05	P=0.000		
	29		5.05	P=0.010	81	10			
	35		00		85	15			
	39		4.90		90	5.10	P=0.004		
	44		4.93	P=0.024	95	13			
	10050		4.95		10100	4.93			
9/4	10109	Bronze Ing-D Zn=	5.00	P=0.019	10149 Zn=	5.03			
	14		10		54	05			
	19		4.95		57	5.15	P=0.007		
	26		5.03	P=0.022	62	10			
	33		.00		67	05			
	38		05		72	5.15	P=0.013		
	10143		5.00	P=0.019	77	5.18			

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	DEC.	RECEIVED OUNCES	DEC.	DELIVERED OUNCES	DEC.
9/4	10182	Bunzl Dug-D Zn=	4.95		10217 Zn=	5.00	P=0.004	
	87		90	P=0.014	22	05		
	92		5.08		27	00		
	97		4.93		32	5.00	P=0.002	
	10202		4.95	P=0.015	37	03		
	07		95		10242	5.05		
	12		5.03		10236	.20		
	10240		.15		10286	4.90		
	45		5.03	P=0.004	91	4.93	P=0.022	
	51		05		98	93		
	55		.00		10302	5.05		
	60		4.95	P=0.000	07	4.90	P=0.007	
	66		88		13	.90		
	70		95		17	.88		
	75		4.95	P=0.012	22	4.85	P=0.013	
	82		4.95		10327	4.88		
					331	4.93		
9/5	10339	Bunzl Dug-D Zn=	4.93	P=0.013	10397 Zn=	4.90	P=0.001	
	44		.85		10402	93		
	49		93		07	5.33		
	54		4.75	P=0.006	12	4.88	P=0.005	
	59		80		17	98		
	63		5.00		22	95		
	68		4.75	P=0.007	27	4.93	P=0.015	
	73		75		32	5.00		
	78		83		37	4.95		
	83		4.83	P=0.008	42	4.93	P=0.010	
	87		95		47	80		
	10392		5.43		10452	4.80		
9/4	TM741-25	Alin Corp	14	9511	Zn= 95.23	Zn = 9498	.049-50	85
	26		✓	9485	9516	9452	.049-57	87
9/5	10455	Bunzl Dug-D Zn=	4.90		10470 Zn=	4.40		
	60		4.93	P=0.002	75	4.83	P=0.006	
	10466		.90		10481	.85		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
9/5	10485	Bunge Drg. D Zn=	4.85		10943 Zn=	4.90		
	90		4.90	P=0.015	47	95		
	96		88		52	5.00	P=0.008	
	10500		90		55	4.95		
	05		4.90	P=0.017	59	90		
	11		90		64	98		
	15		88		67	4.90	P=0.009	
	20		4.93	P=0.012	71	93		
	37		98		76	5.08		
	31		90		10579	5.03		
	36		4.90	P=0.006	–	–	–	–
9/6	10585	Bunge Drg-D Zn=	4.85	P=0.005	10653 Zn=	5.25	P=0.004	
	90		83		58	05		
	95		98		63	4.75		
	10602		4.78	P=0.017	68	4.75	P=0.007	
	07		95		73	83		
	09		5.10		78	85		
	14		15		83	4.80	P=0.012	
	21		5.00	P=0.024	88	80		
	26		4.88		93	83		
	31		90		98	4.85	P=0.007	
	33		5.03		10703	80		
	38		5.25	P=0.012	08	83		
	43		25		13	90		
	106 48		5.05		10718	4.85	P=0.003	
9/5	73-198M 29	Olin Corp 25d	91 44		1XQ= 8.39	0.05	0.11 1053-54	86
v	30	v	91 53			8.30	0.04 0.12 1054	87
9/6	10724	Bunge Drg-D Zn=	4.90		10754 Zn=	4.93		
	28		90		58	93		
	33		4.90	P=0.014	63	4.98	P=0.022	
	39		98		69	93		
	43		5.03		73	93		
	10748		4.93	P=0.005	10778	4.93	P=0.017	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/6	10784	Bronze Dry-D Zn=	4.88		10825 Zn=	5.00		
	88		90		28	4.98		
	93		4.90	P=0.020	32	4.93	P=0.016	
	10800		93		37	98		
	04		93		40	98		
	09		90		44	90		
	16		4.93	P=0.020	10849	4.93	P=0.012	
	10820		4.98		—	—	—	—
9/7	10855	Bronze Dry-D Zn=	5.20		10927 Zn=	5.00	P=0.009	
	60		25		32	4.80		
	65		5.23	P=0.005	37	78		
	72		23		42	4.88	P=0.007	
	77		18		47	85		
	84		5.10	P=0.008	52	85		
	89		00		57	4.85	P=0.102	
	91		08		62	78		
	896		4.93	P=0.011	67	78		
	10903		5.00		72	4.75	P=0.001	
	08		25		77	80		
	12		5.13	P=0.000	82	80		
	17		4.98		87	4.83	P=0.006	
	10922		5.15		10995	93		
	99		00		11055	75		
	11005		4.98	P=0.005	59	4.80	P=0.007	
	10		5.05		65	78		
	14		4.98	P=0.002	71	83		
	20		90		75	4.83	P=0.005	
	25		98		81	83		
	29		4.90	P=0.010	87	90		
	35		98		91	4.90	P=0.002	
	40		95		97	95		
	44		4.93	P=0.010	99	90		
	11050		5.05		11103	4.85	P=0.020	

Form 339
TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt Number #	DESCRIPTION		GROSS WEIGHT Fine Ounces	Dec.	RECEIVED Fine Ounces	Dec.	DELIVERED Fine Ounces	Dec.
9/7	11109	Bunge Imp-D	Zn=	490		11115 Zn=	4.83		
	11111			.85		11124	4.85	P=0.001	
9/7	73-746M	Olin Corp	54	74.56		FAQ=35.03		34.65	90
	TM74-1-								
	27	Olin Corp	14	94.50	Zn=	9462	40=	9438	87
	28			88		9501		75	✓
	29			55		9469		41	86
	30			66		73		57 ✓	87
	31			57		63		50	85
	32			56		59		52	86
	33			56		57		54 ✓	✓
	34			94.52		9469		94.34 ✓	85
9/10	11125	Bunge Imp-D	Zn=	490		11198 Zn=	4.98		
	30			5.25		11203	4.90	P=0.002	
	37			483	P=0.013	08	90		
	42			95		13	88		
	49			503		18	4.90	P=0.003	
	54			500	P=0.012	23	83		
	59			15		28	78		
	66			25		33	4.88	P=0.006	
	73			5.05	P=0.001	38	85		
	78			13		43	75		
	83			4.93		48	5.03	P=0.002	
	88			5.10	P=0.000	53	05		
	11193			4.93		11258	5.00		
9/7	73-798M	Olin Corp	250	91.59		FAQ=8.25	0.05	0.10	86
	32		✓	49		.38	.05	.07	86
	33		✓	91.45		8.40	0.05	.09 ✓	85
9/10	11255	Bunge Imp-D	Zn=	5.03		11285 Zn=	5.13		
	59			.00		89	.08		
	64			5.08	P=0.008	94	5.10	P=0.000	
	70			4.98		11300	.08		
	74			5.05		04	.00		
	112.79			4.98	P=0.000	11309	5.15	P=0.001	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Mdse DRAFTS #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ o/o	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~ o/o	RECEIVED Zm ~~DEC.~~	DELIVERED mw OUNCES	DELIVERED DEC.
9/10	11315	Bronzedry-D Zm=	4.95		11356 Zm=	5.08	P=0.015	
	19		95		59	.03		
	24		4.95	P=0.004	63	4.98		
	31		93		68	5.00		
	35		95		71	5.03	P=0.004	
	40		4.90	P=0.014	75	.00		
	47		5.03		11380	5.05		
	11351		.00		-	-	-	-
9/11	11386	Bronzedry-D Zm=	5.03	P=0.005	11459 Zm=	5.40		
	91		4.80		64	4.95	P=0.001	
	98		98		69	90		
	11403		4.90	P=0.010	74	95		
	08		95		79	4.90	P=0.007	
	15		90		84	83		
	20		5.05	P=0.000	89	98		
	27		4.90		94	4.93	P=0.004	
	32		98		99	83		
	34		5.35	P=0.000	11504	88		
	39		40		09	4.85	P=0.000	
	44		25		14	90		
	49		5.33	P=0.000	11519	93		
	11454		23		523	4.93	P=0.000	
	11528		4.85		11583	5.03	P=0.004	
	34		83		88	15		
	38		4.80	P=0.000	95	4.90		
	43		85		99	4.90	P=0.016	
	49		88		11604	5.08		
	53		4.90	P=0.016	11	00		
	58		90		15	5.00	P=0.000	
	64		90		20	4.95		
	68		4.83	P=0.010	23	98		
	73		90		27	5.00		
	79		5.20		32	5.05	P=0.001	

FORM 356
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1923	Melt BRANCH #	DESCRIPTION	GROSS WEIGHT Ounces Fine	Dec.	RECEIVED Ounces Fine	Dec.	DELIVERED Ounces	Dec.
9/11	11635	Bunny Dog-D Zm=	4.95		11644 Zm=	4.93	P= 0.000	
	89		5.05					
9/12	11649	Bunny Dog-D Zm=	5.18		11718 Zm=	4.90		
	54		23		23	4.90	P= 0.010	
	59		5.16	P=0.007	28	5.08		
	62		18		33	13		
	67		15		38	5.10	P= 0.004	
	72		16		43	15		
	74		4.85	P=0.010	48	4.90		
	79		90		53	5.03	P=0.000	
	86		5.06		58	4.93		
	91		5.08	P=0.002	63	93		
	98		4.90		68	4.98	P=0.010	
	11703		88		73	98		
	08		4.90	P=0.008	78	93		
	11713		4.90		11783	4.90	P=0.000	
	11787		75		11847	5.03		
	93		80		52	10		
	98		4.83	P=0.000	57	5.03	P=0.004	
	11802		85		63	10		
	07		88		68	20		
	13		5.06	P=0.004	75	5.03	P=0.003	
	17		.10		79	.05		
	22		.05		84	4.93		
	28		5.05	P=0.004	88	5.20		
	32		4.95		92	5.20	P=0.006	
	37		5.00		11897	5.20		
	11843		5.08	P=0.000	"	"	"	"
9/13	11902	Bunny Dog-D Zm=	5.00		11924 Zm=	4.85	P=0.007	
	07		4.93	P=0.018	31	90		
	12		93		38	4.95	P=0.004	
	16		85		42	5.03		
	19		4.83		46	4.90		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION		GROSS WEIGHT ~~OUNCES~~ oz	~~DEC.~~	RECEIVED ~~OUNCES~~ oz	~~DEC.~~ zn	DELIVERED OUNCES	DEC.
9/13	11950	Brunz Ing. D	Zn=	4.95	P=0.004	11995	Zn= 4.90	P=0.000	
	55			5.10		12000	95		
	60			.00		05	93		
	65			.00	P=0.008	10	5.23	P=0.002	
	70			.03		15	20		
	75			4.98		20	25		
	80			4.85	P=0.000	25	5.18	P=0.000	
	85			.90		30	28		
	11990			4.83		12035	5.15		
9/12	13-798 mt								
	34	Olin Corp	25#	91 43		VxQ= 8.43	0.06	0.07 1054 55	85
	35			24		62	.05	.08 1053 54	✓
	36			68		17	.06	.08 ✓	86
	37			68		16	.05	.10 ✓	✓
	38			68		16	.05	.10 ✓	✓
	39			91 69		8.14	0.06	0.10 ✓	✓
9/13	12038	Brunz Ing-D	Zn=	5.20		12103	Zn= 4.98	P=0.008	
	41			5.25	P=0.002	09	98		
	47			30		13	5.00		
	51			30		18	5.00	P=0.009	
	56			5.30	P=0.030	24	4.88		
	62			4.85		28	88		
	66			93		33	4.83	P=0.009	
	74			4.88	P=0.004	36	95		
	78			75		40	85		
	82			95		45	85		
	87			4.88	P=0.005	48	5.00	P=0.013	
	94			90		52	.00		
	12098			4.98		12157	4.95		
9/13	TM74-1								
	35	Olin Corp	1#	94 65		Zn= 94.68	2o= 94.62	1049-50	87
	36		✓	49		58	.39	✓	✓
	37		✓	38		46	.30	✓	✓
	38		✓	94 37		94.43	94.32	1050	87½

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/14	12163	Bronze Ing-D Cu	94.80	P=0.009	12231 Cu			
	68				36	94.68		
	73				41			P=0.009
	75				46			
	80	VxQ:	94.80	P=0.010	51			
	85	Raput			56	94.96		P=0.009
	92				61			
	97			P=0.022	66			
	99		94.78		71			P=0.027
	12204				76	94.89		
	09				81			
	11			P=0.014	86			P=0.022
	16		94.92		91			
	21				12296	94.91		
	12226			P=0.018	12301	95.00		P=0.018
	12305				67			
	10		94.98		72	94.98		
	17			P=0.023	78			P=0.019
	21		94.96		82	94.93		
	26				87			
	33		94.97	P=0.022	93	95.03		
	37				12397			P=0.025
	42		94.99		12402	95.03		
	48			P=0.015	08			
	52		95.00		13	95.05		P=0.016
	57				12418			
	12363		94.89	P=0.016	-	- -	-	- -
9/17	12423	Bronze Ing-D Cu			12452 Cu			
	28		95.00	P=0.008	59	94.85		
	33				64			P=0.009
	38		94.95		69	94.95		
	42				71			
	12447		95.17	P=0.012	12476	94.98		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	~~DRAFTS~~ Melt #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ Cu	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~ Ni	RECEIVED ~~DEC.~~	DELIVERED ~~OUNCES~~	DELIVERED DEC.
9/17	12481	Bronze Ingots Cu=		P=0.014	12521 Cu=	95.04		
	86		95.04		26			P=0.010
	91				31			
	96		94.95	P=0.013	36	95.05		
	12501				41			P=0.019
	06		95.01		46			
	11			P=0.011	51	95.04		
	12516				12556			P=0.017
	559				12617			P=0.010
	62		9518		22	95.04		
	68				29			
	72		95.18	P=0.006	33	95.09		P=0.016
	77				38			
	83		95.00		45	95.03		
	87			P=0.024	49			P=0.023
	92		94.95		54	95.07		
	12598				59			
	12607		94.99	P=0.024	61	94.89		
	07				66	94.90		P=0.012
	12613		95.07		12671			
9/18	12676	Bronze Dug-O Cu=	94.98		12739 Cu=			
	81				44	95.01		
	86		94.88	P=0.012	49			
	92				54			
	94		94.89		59	95.03		P=0.011
	99				64			
	12704		94.98	P=0.012	69			
	09		94.87		74			
	14		94.90	P=0.009	79	95.03		
	19				84			
	24		95.02		89			
	29				94			
	12734		95.01	P=0.028	12799 12804	95.06		P=0.017

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RECEIPT AND DELIVERY OF BULLION

DATE 1913	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/17	13-148M -40	Olin Corp	254	91 44		Diff = 8.42	8.05	0.08	86
9/18	12807	Bronze Ingots Cu =				12883 Cu =	95.13		
	11			94.81	P = 0.016	87			
	16					92	95.06		
	22					99			
	26			95.03		12903	95.05	P = 0.030	
	31					08			
	37					11	95.06		
	41			95.05	P = 0.019	15			
	46					20	95.05	P = 0.017	
	52					23			
	56			95.04		27	94.83		
	61					32			
	67					37			
	71			95.13	P = 0.020	41	94.86	P = 0.004	
	76								
9/19	12945	Bronze-Ing-P Cu =				13011 Cu =			
	50			94.77	P = 0.012	16	94.77	P = 0.015	
	55					21			
	59					26	94.70		
	64			95.11		31			
	69					36	94.91	P = 0.005	
	74			95.14	P = 0.009	41			
	79					46	94.86		
	86			94.82		51			
	91					56	94.98	P = 0.024	
	96			94.84	P = 0.017	61			
	13001					13066	94.95		
	06			94.89					
9/18	TM74-1 -39	Olin Corp	14	9496		Ck = 95.06	Ck = 94.86	.049-.50	87
	40		✓	9504		9504	9504 ✓		87
	41		✓	9476		9477	9475 ✓		86½

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED DEC.	DELIVERED ~~OUNCES~~	DELIVERED DEC.
9/19	13071	Bronze Ingots-D	Cu=		13143	Cu= 94.80		P=0.041
	76		94.82		47			
	82				52	95.02		
	86				59			
	91		94.87	P=0.017	63			
	97				68	94.95		P=0.014
	13101		95.06		71			
	06				75	94.89		
	12				80			
	16		95.04	P=0.012	83	94.91		P=0.014
	21				87			
	27		94.98		92	94.93		
	31				95			
	36				99	94.73		P=0.002
9/19	TM74-1 42	Olin Corp	14	9501	7L =	95.12	10 = 94.89	1050 87
	43			9471		94.74	68	1044-50 ✓
	44			9465		9467	94.63	✓ ✓
9/20	13205	Bronze Ing-D	Cu=	94.94 P=0.017	13265	Cu = 95.24		P=0.024
	10				71			
	15		95.00		76	95.04		
	17				81			
	22				86	95.02		P=0.014
	27		9487	P=0.009	91			
	29				96			
	33				13300	95.13		
	38		94.79		08			
	40				13	95.19		P=0.022
	45		9523	P=0.027	18			
	250				23	95.21		
	55		95.26		13328			
	132 60							
9/19	73-TM-41	Olin Corp	25#	9155	WQ=	Net Run Report	Avg 205	0.10 1053-54 87

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TREASURY DEPARTMENT
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RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE — 550817

DATE 1913	DRAFTS	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/20	13335	Bronze Dep-D	Au=	94.95	P=0.015	13411	Au= 95.10		
	39					15			
	44			94.91		20	95.09	P=0.037	
	50					27			
	54			94.92	P=0.015	31			
	59					36	94.99		
	65			95.14		39			
	69					43			
	74			95.18	P=0.011	48			
	80					13457	95.01	P=0.024	
	84			95.16		55			
	89					60			
	95					63	94.99		
	99			~~95.04~~ 95.07	P=0.033	67			
	13404								
9/21	13474	Bronze Dep.	Au=	94.77	P=0.017	13523	Au= 94.86	P=0.018	
	79					28			
	84			94.85		33	95.04		
	87					38			
	91			95.31	P=0.015	43	94.97	P=0.000	
	96					48			
	98			9491		53	95.07		
	13501					58			
	03			94.97	P=0.014	66	94.84	P=0.014	
	08					73			
	13			95.08		78	95.20		
	13518					13583			
9/20	13-798M -42	Mint Dep	25¢	91 69		Diff	8.14	Avg 0.05	0.11	1053-54 87
	-43		✓	91 47		✓	8.38	0.05	0.09	0.054 86½
9/21	13587	Bronze Dep	Au=	9492	P=0.025	13606	Au=			
	91					11	95.05	P=0.012		
	96			95.01		17				
	13602					13621	95.06			

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~ oz Cu	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~ oz Cu	RECEIVED ~~DEC.~~ 3rd	DELIVERED OUNCES	DELIVERED DEC.
9/21	13626	Bronze Dry Cu=			13683 Cu=			
	32		94.97	P=0.024	88	95.15		
	36				91			
	41				95			
	47		94.95		13700	95.18	P=0.011	
	51				03			
	56		95.06	P=0.018	07			
	63				12	95.02		
	67		95.15		15			
	72				13719			
	79		95.11	P=0.017	—	— —	—	— —
9/24	13724	Bronze Dry Cu=	94.79	P=0.001	13783 Cu=	95.06	P=0.000	
	29				88			
	34		94.91		93	95.12		
	41				98			
	46		94.94	P=0.015	13803	95.10	P=0.004	
	53				08			
	58		95.06		13	95.06		
	63				18			
	68		95.05	P=0.000	23	95.01	P=0.000	
	73				28			
	13778		95.10		13833	94.98		
	13843	Zn=	5.18		13891 Zn=	5.00	P=0.005	
	47		110		13903	496		
	52		11		07	90		
	58		5.07	P=0.001	12	94		
	62		4.95		19	4.99	P=0.002	
	67		5.01		23	90		
	73		4.99		28	85		
	77		4.93	P=0.014	35	90		
	82		93		39	5.00	P=0.008	
	88		90		42	4.96		
	13892		4.94		13946	5.03		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/24	13950	Bronze Ingots	Zm2	4.90		13961	Zm2 4.91		
	54			498	P=0.010	–	– –	– –	–
9/25	13965	Bronze Ingots	Zm2	5.00		14030	Zm2 4.85		
	70			5.00	P=0.013	35	.90		
	77			4.85		40	495	P=0.000	
	82			85		45	90		
	89			4.93	P=0.022	50	95		
	94			95		55	4.78	P=0.001	
	99			95		60	95		
	14001			78		65	4.85	P=	
	06			4.85	P=0.004	70	95	P=0.009	
	11			5.03		75	85		
	16			483		80	85		
	21			5.05		14085	4.85	P=0.014	
	14026			490	P=0.016	14088	.95		
	14092			5.00		14148	5.03	P=0.012	
	97			05		52	.03		
	14103			5.15	P=0.014	57	.03		
	07			05		64	5.05	P=0.013	
	12			498		68	18		
	18			493	P=0.023	73	495		
	22			93		80	498	P=0.017	
	27			85		84	90		
	33			493	P=0.020	89	98		
	37			93		94	95		
	14142			493		98	488	P=0.029	
	–			–	– –	14203	5.00		
9/26	14209	Bronze Ingots	Zm2	4.80		14245	Zm2 4.80		
	14			4.86	P=0.016	50	5.00		
	21			90		55	490	P=0.019	
	26			90		60	90		
	31			90		65	90		
	14238			480	P=0.017	14270	483	P=0.017	

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/25	14275	Bronze Ingots	Zn=	4.85		14305	Zn= 4.83		
	80			85		10	85		
	85			4.90	P=0.022	15	83	P=0.011	
	90			85		20	80		
	95			83		25	95		
	14300			4.90	P=0.005	14330	4.90	P=0.024	
9/26	14334	Bronze Ingots	Zn=	5.10		14405	Zn= 4.98	P=0.024	
	39			.08		10	5.10		
	45			.05	P=0.015	14	.10		
	51			.15		19	4.85	P=0.024	
	57			.05		23	.95		
	61			.00	P=0.014	28	.95		
	66			.00		33	.98		
	71			4.93		38	.95	P=0.029	
	76			.98	P=0.018	42	.98		
	80			.90		45	5.08		
	84			.95		50	.03	P=0.011	
	89			5.03	P=0.031	53	4.95		
	94			.00		57	.88		
	14401			.03		62	.90		
9/26	73-746 M 46	Olin Corp	54	74.96		VxQ = 24.95		.063 .064	90
	47			74.92		25.08		.062 .065	90
	48			74.91		24.82		.063 .064	90
	49			74.88		25.04		.063 .065	89½
	50			74.82		24.61		.063 .064	89
	51			75.61		24.22		.063 .065	89½
	52			74.65		25.06		.063 .065	89
	53			74.67		25.01		.063 .064	89
	54			75.08		24.63		.063 .065	89
9/26	14469	Bronze Ingots	Zn=	4.78	P=0.007	14488	Zn= 4.78		
	74			.98		93	.93		
	79			.80		97	.75	P=0.013	
	83			.85	P=0012	14502	.80		

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DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/26	14507	Bronze Ingots	Zn= 4.85		14532	Zn= 5.00		
	12		.93	P=0.007	37	.00		
	17		.93		42	4.85		P=0.000
	22		.88		47	4.98		
	27		.85	P=0.000	14552	.95		
9/26	TM 74-1 45	Olin Corp.	14 95.22		M= 95.29	Lo=	95.14	.1049 .1050 87
	46		95.08		M: 95.10		95.06	.1049 .050 86
	47		94.85		94.89		94.81	.1049 .051 86½
	48		95.08		95.14		95.02	.1049 .051 86½
	49		94.98		95.02		94.93	.1049 .050 86
	50		95.11		95.14		95.07	.1049 .050 86
9/26	2 [redacted]	U.S. 5¢ Ingots	74.76		24.91			
	7		.87		25.06			
	12		.68		24.81			
	15		.83		.95			
	20		.68		25.03			
	25		.80		24.89			
	27		.76		.85			
	32		.80		.83			
	38		.95		.95			
	43		.80		.83			
	47		75.08		.91			
	53		.05		.95			
9/27	14561	Bronze Ingots	Zn= 4.78	P=0.021	14611	Zn= 4.83		
	65		.78		16	.90		
	70		.75		23	.93		P=0.012
	76		.70	P=0.015	27	5.00		
	80		.65		32	4.93		
	85		.70		35	.93		P=0.016
	91		.80	P=0.013	39	.90		
	95		.88		44	.90		
	14600		.83		47	.88		
	07		.88	P=0.016	51	.95		P=0.000

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
9/27	14656	Bronze Ingots 3m =	4.75		14668	2m = 4.75		P=0.011
	63		5,10					
9/27	14673	Bronze Ingots 3m =	4.90		14712	2m = 4.80		
	78		,85		17	,83		P=0.09
	80		,85		22	,70		
	85		,85	P=0.014	27	,75		
	90		,68		32	,88		P=0.005
	92		,80		37	,80		
	97		,86		42	,75		
	14702		,80	P=0.012	47	,90		P=0.01
	07		,88					
9/27	54	U.S. 5¢ Ingots	74.76		24.87			
	59		,97		25.02			
	64		,99		24.65			
	68		,83		,95			
	73		,94		25.05			
	78		75.14		24.61			
	82		74.68		,83			
	86		,91		,83			
	91		,87		25.10			
	95		,61		24.91			
	99		75.03		,95			
	102		74.53		,99			
9/28	14753	Denver Bronze	2m = 4,83		14809	2m = 4,83		P=0.021
	59		,85		14	,85		
	63		,85	P=0.024	21	,80		
	68		,90		25	,85		P=0.012
	74		,88		30	,83		
	78		,85	P=0.020	35	,73		
	83		,90		40	,85		P=0.012
	89		,80		46	,80		
	93		,85	P=0.015	49	,83		
	98		,80		53	,80		
	14805		,90		56	,87		P=0.013

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DATE 1973	DRAFTS	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
9-28	BT-798M-44	Olin Corp.	25#	91,45		8,38	0.06	0,10	.053 .054	87
9-28	TM-74-1 -51	Olin Corp.	19	95,11		11: 95,20	40:	95,02	.049 .051	86
				95.04		95,12		94,95	.049 .050	87
				94,92		94,95		94,88	.049 .050	86 1/2
				95,70		95,78		95,61	.050 .051	86
				95,39		95,42		95,36	.049 .050	86
9/28	14858	Braze Ingots	Zn=	4.75		149.3	Zn=4.90			
	63			.90		08	.95			
	68			.90		13	.95	P= 0.005		
	74			5,05	P=0.008	18	.88			
	79			.00		23	.83			
	84			4.90		28	.78	P=0.001		
	88			.93		33	.83			
	93			.90		38	.83			
	98			.95	P=0.000	43	.85	P=0.002		
9/28	109	U.S. 54 Ingots		75.11		24 88				
	114			.06		.93				
	119			.21		.76				
	123			.09		.90				
	128			.10		.87				
	133			74.91		.76				
	136			.72		25.03				
	141			.35		.62				
	146			.99		24.87				
	151			.24		25.55				
	156			.76		.10				
	161			.76		24.76				
10/1	14950	Denver Braze	Zn=	4.75		14980	Zn=4.85			
	54			.83		84	.93			
	59			.80	P=0.005	89	.90	P=0.024		
	65			.83		96	.95			
	69			.78		15000	.90			
	74			.75	P=0.009	05	.95	P=0.014		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/1	15012	Bronze Ingots Zn=	4.83		15036	Zn= 5.03		P=0.012
	16		.80		40	4.90		
	21		.83	P=0.020	45	.93		
	24		.85		48	.85		
	28		.90		52	.88		
	33		.88					
10/1	15059	Bronze Ingots Zn=	4.90	P=0.009	15105	Zn= 5.00		P=0.008
	64		.98		10	.10		
	69		5.05		15	4.96		
	76		4.75	P=0.008	20	.95		P=0.019
	81		.90		25	.83		
	83		.95		30	.90		
	88		.95	P=0.022	35	.90		P=0.002
	93		.90		40	.88		
	95		5.00		45	.85		
	15100		4.95		50	.90		P=0.009
10/1	165	Cupro Nickel U.S.S.¢	75.36		24.61			
	170		.33		.50			
	175		74.83		.95			
	179		75.36		.61			
	184		.25		.53			
	189		74.72		.87			
	193		.50		25.25			
	198		73.79		26.07			
	203		74.91		24.80			
10/2	15160	Bronze Ingots Zn=	4.85		15199	Zn= 4.70		
	64		.78	P=0.009	15205	.85		
	69		.70		09	.71		P=0.020
	75		.85		14	.78		
	79		.75	P=0.010	21	.85		
	84		.78		25	.80		P=0.024
	90		.75		30	.85		
	94		.75	P=0.017	37	.85		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
10/1	15241	Bronze Ingots Zn=	4,80	P=0.030	15265	Zn= 5,03		
	46		,75		70	4.90		P=0.021
	49		,78		73	,95		
	53		,78		77	5,00		
	58		,78	P=0.013	82	4.95		
	61		,95					
10/2	207	Cupronickel 54 US	74,57		25,21			
	212		,83		24,83			
10/2	15284	Bronze Ingots Zn=	4,90	P=0,009	15350	Zn= 4,90		P=0,035
	89		,90		55	,93		
	94		,83		60	5,00		
	15300		,90	P=0.024	65	,00		P=0,027
	08		,93		70	,00		
	13		,93		75	4,98		
	18		,95	P=0.009	80	,85		P=0.024
	25		,80		85	,93		
	30		,90		90	,93		
	35		,85	P=0,005	95	,93		P=0,016
	40		,80		15400	,90		
	45		5,00					
10/3	15402	Bronze Ingots Zn=	4,85		15462	Zn= 4,80		
	05		4,68	P=0,007	69	4,75		P=0,004
	08		78		73	80		
	12		75		78	78		
	17		75		85	4,80		P=0,012
	23		4,83	P=0,016	89	75		
	27		85		94	75		
	32		90		97	75		
	38		4,85	P=0,024	15501	4,80		P=0,004
	42		70		06	73		
	47		85		13	4,75		P=0,019
	53		4,80	P=0,002	21	83		
	57		80		25	80		
					30	4,83		P=0,011

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	Dec.	RECEIVED ~~OUNCES~~	Zn	DELIVERED OUNCES	Dec.
10/4	15535	Berry Smith Zn=	4.90		15595	Zn= 5.05		
	40		5.03		15600	.09		
	45		5.09	P=0.004	05	5.05		P=0.016
	50		.00		10	.03		
	55		.00		15	.11		
	60		5.04	P=0.004	20	5.18		P=0.012
	65		21		25	4.90		
	70		4.95		28	5.05		
	75		4.99	P=0.009	33	5.09		P=0.004
	80		5.00		38	4.90		
	85		.00		42	5.10		
	15590		5.00	P=0.013	15646	.08		
	15651		4.90		15727	4.98		
	55		4.80	P=0.012	31	.70		
	60		83		36	4.93		P=0.005
	66		78		43	85		
	70		5.00		47	90		
	75		4.80	P=0.020	52	83		
	81		75		55	4.83		P=0.012
	85		75		59	90		
	90		75		64	5.07		
	96		4.78	P=0.008	67	10		
	15700		85		71	.08		
	05		85		76	5.03		P=0.009
	11		95		79	4.98		
	15		4.95	P=0.011	83	5.03		
	20		4.98		15788	5.13		
10/4	TM74-1-56 TM74-21-	Olin Corp	14	9494	Ni=	94.85	Zn = 94.92	.004 .50 86
✓	✓	✓	10	91.65		8.27	.004	.004 .92 87
10/4	73-764M 55	Olin Corp	54	74.97		24.89		.063 .64 91
	56			74.70		25.18		✓ 91

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 65-0017

DATE 1973	melt ~~DRAFTS~~ #	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED OUNCES	DELIVERED DEC.
10/5	15792	Bronze Dug Zn=	4.78		15862 Zn=	4.98		
	97		4.93	P=0.007	67	5.03		
	15802		90		72	4.93		
	07		93		77	5.00	P=0.004	
	12		85		82	4.88		
	17		4.85	P=0.010	87	.78		
	22		80		92	95		
	27		80		94	90		
	32		85		99	4.83	P=0.005	
	37		4.75	P=0.004	15904	83		
	42		85		06	98		
	47		90		11	5.00		
	~~8572~~ 15857		4.93 4.95	P=0.002	15914	5.00		
	15919		4.85		15979	4.90		
	23		4.85	P=0.006	83	90		
	28		93		88	88		
	34		90		95	90		
	38		90		99	4.90	P=0.005	
	43		90		16004	85		
	49		4.95	P=0.007	11	85		
	53		98		15	88		
	58		93		20	4.85	P=0.012	
	64		93		23	93		
	68		98		27	90		
	15973		4.95	P=0.002	16032	4.90	P=0.012	
10/9	16041	Bronze Dug Zn=	4.85		16081 Zn=	4.88		
	46		4.90	P=0.012	86	93		
	51		90		91	4.85	P=0.002	
	56		90		96	93		
	61		4.80	P=0.016	16101	90		
	66		90		06	4.95	P=0.008	
	71		90		11	88		
	76		4.90	P=0.009	16	4.95		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/9	16121	Bronzing	Zn=	4.90	P=0.005	16141	Zn= 4.88		
	26			98		43	93		
	31			90		48	90		
	16136			4.95	P=0.007	16153	4.93	P=0.012	
	16157			90		16217	90		
	61			90		21	90		
	66			5.00		26	5.00		
	72			4.90	P=0.015	33	4.93	P=0.012	
	76			5.00		37	95		
	81			4.93		42	90		
	87			98		49	88		
	91			4.98	P=0.007	53	4.75	P=0.010	
	96			5.00		58	75		
	16202			4.98		61	98		
	06			95		65	95		
	11			4.98	P=0.009	16270	4.93	P=0.013	
10/9	TM74-22 1	Olin Corp	50¢	91.38		VxO= 8.23	0.03	0.08	1008 69 85
	2		✓	91.48		8.39	0.02	0.11	✓ 88
10/10	16280	Bronzing	Zn=	4.73		16340	Zn= 4.80		
	85			73		45	90		
	90			73		50	90		
	95			4.73	P=0.009	55	4.83	P=0.011	
	16300			65		60	75		
	05			75		65	75		
	10			93		70	83		
	15			4.90	P=0.016	75	4.83	P=0.006	
	20			93		80	83		
	25			90		85	90		
	30			98		90	95		
	16335			4.95	P=0.008	16395	4.93	P=0.017	
	16396			85		16411	4.90		
	16400			85		15	4.80	P=0.005	
	16405			4.80		16420	4.83		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	Dec.	RECEIVED OUNCES	Dec.	DELIVERED OUNCES	Dec.
10/9	TM-74-1 57	Olin Corp	1d	94 92		Hi= 94.96	Lo= 94.88	1049-50	86
	58			95 18		95.24	95.11 ✓		✓
	59			.03		.05	.00 ✓		✓
	60			94 85		94.87	94.83 ✓		✓
	61			90		95.08	72	1049-51	✓
	62			95 01		.03	99	1050	✓
	63			95 10		95.20	94.99	1049-50	✓
10/10	16426	Bronze Dng	Zn=	5.08		16481 Zn=	4.90		
	30			4.93		88	90		
	35			5.00	P=0.013	92	90		
	41			.00		97	4.90	P=0.015	
	45			.00		16500	93		
	50			5.08		04	95		
	56			4.90	P=0.014	09	95		
	60			93		12	5.03		
	65			95		16	4.85	P=0.012	
	72			90		16521	5.03		
	164 76			4.93	P=0.019	-	-	-	-
10/10	73-79&81 -45	Olin Corp	254	91 62		VHQ= 8.17	0.03	0.09	1054 87
	-46		✓	91 68		8.17	0.05	0.09	1053-54 ✓
10/10	TM-74-22 -3	Olin Corp	504	91 58		VHQ= 8.29	0.04	0.08	1068-69 86½
	4		✓	71		.18	.03	.07 ✓	87
	5		✓	91 52		8.35	0.03	0.09 ✓	87½
10/10	TM-74-21 -2	Olin Corp	104	91 62		VHQ= 8.27	0.04	0.07	1041-42 86
	3		✓	57		.25	.04	.08 ✓	87
	4		✓	56		.26	.04	.08 ✓	85
	5		✓	91 67		8.17	0.06	0.09 ✓	86
10/11	16526	Bronze Dng	Zn=	4.73		16556 Zn=	4.88	P=0.002	
	31			80		61	83		
	36			4.78	P=0.002	66	85		
	41			75		71	90		
	46			75		76	4.88	P=0.000	
	165 51			4.75		16581	4.85		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION		GROSS WEIGHT OUNCES	DEC.	RECEIVED OUNCES	DEC.	DELIVERED OUNCES	DEC.
10/11	16586	Bronzing	Jm=	5.00		16621 Jm=	4.90		
	91			.00		26	95		
	96			4.98	P=0.006	28	85		
	16601			5.00		33	80		
	06			.00		38	4.95	P=0.011	
	11			.00		40	95		
	16616			4.88	P=0.008	16645	4.88		
	16650			5.00		16726	4.75	P=0.026	
	54			4.98		30	73		
	59			4.98	P=0.004	35	73		
	65			83		42	75		
	69			85		46	4.93	P=0.016	
	74			85		51	83		
	80			4.90	P=0.007	54	90		
	84			85		58	85		
	89			90		63	73		
	95			88		66	4.85	P=0.025	
	16699			78		70	80		
	16704			4.83	P=0.002	75	85		
	10			75		78	88		
	14			75		82	93		
	1719			85		16787	5.25	P=0.014	
10/10	TM-74- 64	Olin Corp	12	94.81		16= 94.84	20=	94.77	044-57 86
	65			79		.81		.77	044-50 85½
	66			9502		95.12		.91 ✓	86
	67			9492		9492		9491 ✓	86½
10/11	TM-74-22 6	Olin Corp	504	91.45		1402 8.41	.004	.009	045-69 87
10/17	16789	Bronzing	Jm=	4.88		16819 Jm=	4.85	P=0.010	
	94			78		24	83		
	99			4.75	P=0.008	39	95		
	16804			80		34	85		
	09			83		39	4.88	P=0.010	
	16814			4.75		16844	85		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/12	16849	Bunzl-Dyto Zn=	5.00		16884 Zn=	5.00		
	54		08		89	4.93		
	59		4.85	P=0.010	91	78		
	64		5.00		96	4.80		P=0.015
	69		00		16901	85		
	74		00		03	5.08		
	16879		5.00	P=0.010	16908	.03		
	16915		4.85	P=0.009	16991	4.80		
	19		.78		95	.80		P=0.013
	26		.90		17000	.85		
	30		.85		67	.85		
	34		.90	P=0.011	11	.78		
	39		.80		16	.90		P=0.018
	45		.95		19	.85		
	49		.93		23	.90		
	54		.93	P=0.011	28	.85		
	60		.98		31	5.05		
	64		.98		35	4.98		P=0.007
	69		.90		40	5.08		
	75		.85	P=0.011	43	.05		
	79		.87		47	.10		
	16984		.93		17052	.13		
10/15	17054	Bunzl-Dyg Zn=	4.83	P=0.014	17114 Zn=	4.88		P=0.008
	59		80		19	93		
	64		85		24	90		
	69		88		29	90		
	74		4.85	P=0.004	34	4.80		P=0.016
	79		83		39	83		
	84		78		41	80		
	89		90		46	78		
	94		4.90	P=0.007	51	90		
	99		90		53	4.80		P=0.009
	17104		95		58	4.83		
	109		4.95					

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
Oct 15	17165	Denver Bronze Zn:	4.90		17214 Zn:	4.93		P=0.002
	69		.88		19	.90		
	74		.88	P=0.004	26	5.00		
	80		.98		30	.00		
	84		.95		35	.00		P=0.007
	89		.98		42	4.85		
	95		.95	P=0.009	46	.93		
	99		.95		51	.85		
	17204		5.00		56	.90		P=0.011
	10		4.88		61	.88		
Oct 15	215	Cupronickel U.S. 5¢	75.06		24.83			
	219		.03		.91			
	223		74.76		.76			
	227		75.14		.72			
	232		74.99		.87			
10/15	TM-74-1 68	Olin Corp 1¢	94.98		Ni = 95.07	Lo 94.90	.049 .050	
	69		.55		94.60	.49	✓	
	70		.83		.86	.80	.048 .050	
	71		.95		.97	.92	.049 .050	
	72		.99		95.10	.87	.048 .049	
	73		.64		94.68	.59	.048 .050	
	74		.73		.75	.70	✓	
	75		.82		.83	.81	✓	
	76		.93		.98	.87	✓	
	77		.98		95.00	.96	✓	
	78		.96		.03	.89	.048 .049	
10/16	17265	Denver Bronze Zn:	4.93		17306 Zn:	5.06		
	71		.98		11	.05		
	76		.96	P=0.016	15	4.95		P=0.017
	81		5.00		21	5.00		
	86		.00		26	4.98		
	91		.03		31	.88		
	96		.08	P=0.011	36	5.00		P=0.00
	17300		.00		41	.05		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
Oct 16	17344	Bronze Ingots Zn =	5.00		17414 Zn = 5.03			
	48		.08		21	4.95		P = 0.012
	53		4.90		25	5.00		
	59		5.05	P = 0.013	30	4.95		
	63		5.00		33	5.05		
	68		4.90		37	.00		
	74		5.05		42	.00		P = 0.010
	78		.00	P = 0.012	45	4.98		
	83		.20		49	5.03		
	89		4.98		54	4.93		
	93		5.00		57	5.05		
	98		.00	P = 0.011	61	.00		P = 0.004
	17405		.00		66	.05		
	09		4.98					
10/16	236	unprotected USSR	74 95		25 04			
	241		57		24 95			
	246		99		65			
	249		75 25		53			
	253		74 61		95			
	258		65		99			
10/16	TM74-21 -6	Olin Corp 10#	91 33		VKQ 8.56	0.03	0.09	.041 .042 85
	-7		91 49		8.23	0.04	0.08	.041 .042 86
10/16	17468	Denver Bronze Zn =	4.90		17513 Zn = 5.20			
	73		.95		18	4.83		
	78		.95		23	5.13		P = 0.001
	83		.90	P = 0.009	28	.18		
	88		.95		33	4.90		
	93		.93		38	5.20		
	98		.80		43	4.95		
	17503		.98	P = 0.008	48	.95		P = 0.011
	08		.85		53	.95		
10/16	TM-74-19 -1	Anaconda Brass	94 23	Ni = 94.29	Ni = 94.16		.048 .050	86

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/17	17560	Bronze Ingots Zn=	4.90		17638 Zn=	4.98		
	68		5.00	P=0.004	45	5.00		
	72		.00		49	4.98	P=0.007	
	77		4.93		54	.88		
	83		5.00		61	.95		
	87		4.90	P=0.012	65	.98		
	92		.98		70	.93	P=0.017	
	98		.90		73	.95		
	17602		.93		77	.95		
	08		.85	P=0.010	82	.88		
	14		.88		85	5.05		
	18		.95		89	.08	P=0.010	
	23		.93		94	.08		
	29		.98	P=0.010	97	.08		
	33		.98		17701	.08		
10/17	262	Cupronickel US 54	74.91		25.03			
	267		89		.10			
10/18	17707	Bronze Ingots Zn=	4.85	P=0.012	17772 Zn=	4.95		
	12		.78		77	.90		
	17		.85		82	.93		
	22		.83		87	.93	P=0.017	
	27		.83	P=0.012	92	.93		
	32		.80		97	5.18		
	37		5.00		17802	.03		
	42		4.93		07	4.90	P=0.016	
	47		5.10	P=0.017	09	.85		
	52		4.95		14	.85		
	57		.98		19	.88		
	62		.93		26	.95	P=0.008	
	67		5.00	P=0.015				
10/18	17830	Bronze Ingots Zn=	4.90		17845 Zn=	4.98	P=0.017	
	34		.90		49	.85		
	39		.90		54	.90		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/18	17860	Bronze Ingots Zn=	4.80		17915	Zn= 4.93		
	64		.85	P=0.017	22	.95		
	69		.90		26	.93		P=0.017
	75		.93		31	.93		
	79		.93		34	5.00		
	84		.93	P=0.016	38	4.85		
	90		.83		43	.95		
	94		.90		46	.95		P=0.009
	99		.85		50	.93		
	17906		.85	P=0.011	55	.85		
	10		.90					
10/18	TM74-21 -8	Olin Corp 10#	91.52		8.37	0.03	0.08 .041 .042	86
	-9		.67		.21	0.02	0.09 .041 .042	85
	-10		.55		.35	0.02	0.08 .042	86
10/19	17961	Bronze Ingots Zn=4.85			18026	Zn=4.85		P=0.013
	64		.85	P=0.009	31	5.05		
	71		.83		36	.20		
	76		.88		41	4.88		
	81		.90		46	5.08		P=0.004
	86		.75	P=0.010	51	4.37		
	91		.75		56	.34		
	96		.85		61	.34		
	18001		.85		63	.85		
	06		.90	P=0.014	68	.83		P=0.009
	11		.80		73	.75		
	16		.96		75	.95		
	21		5.05		80	.88		
	18084		4.88		18114	4.83		
	89		.93	P=0.022	18	.85		
	93		5.03		23	.75		
	99		4.93		29	.80		P=0.015
	18103		5.00		33	4.78		
	08		.03	P=0.013	38	.78		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10/19	18144	Bronze Ingots Zn=	5,08		18185	Zn=4.78		
	48		,03	P=0.004	88	,88		P=0.009
	53		,00		92	,83		
	60		4.95		97	,83		
	64		,95		18200	,63		
	69		5,10	P=0.009	04	,70		
	74		4.85		09	,63		P=0.018
	80		,90					
10/19	TM74-19-2	Anaconda Brass 1¢	95,30	Hi=95,31	Lo=95,28		0.048 0.050	86
10/20	18215	Bronze Ingots Zn=	5,00		18275	Zn=5,00		
	20		4,95		80	,05		
	25		,98		85	,08		
	30		5,00	P=0.026	90	,05		P=0.004
	35		,00		95	,08		
	40		,00		18300	,00		
	45		,00		05	,23		
	50		,00	P=0.017	10	4.90		P=0.021
	55		4,98		15	,73		
	60		,90		22	,85		
	65		,95		27	,88		
	70		,98	P=0.013	34	,80		P=0.017
10/19	TM74-1 -79	Olin Corp 1¢	94 76	Hi	95.43	Lo 94.02	0.050	86
	-80		95 02		95,06	94.97	0.049 0.050	86
	-81		94 68		94.71	94.65	0.050	85
	-82		94 94		95.09	94.76	0.049 0.050	86
	-83		95 05		95.17	94.92	.050	86
	-84		95 09		95.29	94.92	.049 .050	86
	-85		95 09		95,38	94 84	.049 .050	86
	-86		95 32		95.50	95.10	.049	86
	-87		95 09		95.14	95.04	.049 .050	86
10/23	18338	Bronze Ingots Zn=	4,83		18353	Zn=4.98		P=0.029
	44		,88		58	,93		
	48		,93		64	,95		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

1973

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	~~DEC.~~	~~OUNCES~~	DEC.
10/23	18368	Bronze Ingots Zn =	4.70		18409 Zn =	4.88		
	18371		.75	P=0.016	14	.80	P=0.034	
	76		.75		18	.85		
	82		.73		23	.88		
	86		.80		30	.80		
	91		.75	P=0.006	34	.78	P=0.012	
	98		.93		39	.85		
	18402		.80					
10/24	18446	Bronze Ingots Zn =	5.08		18496	4.95	P=0.009	
	51		4.98		18501	.98		
	56		5.10	P=0.019	06	.93		
	61		.13		11	.95		
	66		.23		16	.98	P=0.014	
	71		.08		21	.95		
	76		4.93	P=0.010	26	.95		
	81		.95		31	.93		
	86		5.00		36	5.03	P=0.013	
	91		.00		40	4.95		
	18545	Denver Bronze Zn =	4.90		18609 Zn =	4.85		
	49		.78		15	.90	P=0.009	
	55		.93	P=0.027	20	.88		
	59		.83		25	.78		
	64		.83		29	.85		
	70		.93		32	.75		
	74		.95	P=0.009	36	.80	P=0.027	
	79		.95		41	.75		
	85		.98		44	.75		
	89		5.00		48	.75		
	94		4.93	P=0.014	53	.78		
	18600		.78		58	.88	P=0.024	
	04		.85		62	.80		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
10/24	18663	Bronze Ingots Zn=	4.90		18713	Zn= 4.98		
	68		.93		18	.90		P=0.008
	73		.95		23	.95		
	78		.90	P=0.034	28	.95		
	83		.98		33	.88		
	88		.95		38	.85		P=0.004
	93		.98		43	.80		
	98		.85	P=0.008	48	.88		
	18703		.85		52	.90		
	08		.88		57	.90		P=0.006
10/25	18760	Bronze Ingots Zn=	4.85		18836	4.78		P=0.010
	64		.80		40	.83		
	69		.83		45	.85		
	75		.80	P=0.018	52	.90		
	79		.88		56	.93		P=0.014
	84		.88		61	.88		
	90		.83		64	5.00		
	94		.90	P=0.012	68	4.85		
	99		.95		73	.90		
	18805		.88		76	.90		P=0.027
	09		.90		80	5.05		
	14		.88	P=0.018	85	4.95		
	20		.83		88	5.00		
	24		.85		92	4.93		
	29		.80		97	.95		P=0.033
10/25	18900	Bronze Ingot Zn=	4.95		18940	4.93		
	05		.93		45	.95		
	10		.95		50	.90		
	15		.95	P=0.019	55	.88		P=0.016
	20		.95		60	.85		
	25		.93		65	.98		
	30		.85		70	.85		
	35		.93	P=0.005	75	.90		P=0.013

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~Ounces~~	Dec.	~~Ounces~~	~~Dec.~~	~~Ounces~~	Dec.
10/25	18980	Bronze Ingots Zn =	4.90		19000	Zn = 4.95		
	86		.95		04	.90		
	90		.93		07	.88		
	95		.95	P=0.005				
10/26	19013	Bronze Ingots Zn =	4.90		19089	5.00		
	17		.98	P=0.008	93	.00		
	22		.88		98	4.95		P=0.017
	28		.93		19105	.93		
	32		.95		09	.90		
	37		.98	P=0.005	14	.98		
	43		.98		17	.88		P=0.008
	47		5.10		21	.88		
	52		.20		26	.88		
	58		.98	P=0.012	29	.88		
	62		.93		33	.90		
	67		.90		38	.85		P=0.018
	73		5.03		41	.80		
	77		4.98	P=0.010	45	.88		
	82		.90		50	.90		
10/26	19152	Bronze Ingots Zn =			19212			P=0.008
	57			P=0.019	17			
	62				22			
	67				27			
	72				32			P=0.009
	77			P=0.015	37			
	82				42			
	87				47			
	92				52			P=0.015
	97			P=0.009	56			
	19202				59			
	07							

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10-29	19263	Bronze Ingots 2%	4.93		19339	4.88		P=0.033
	67		.90		43	.85		
	72		.90		48	.98		
	78		.98	P=0.014	55	.85		
	82		.93		59	.85		
	87		.90		64	.78		
	93		.83		67	.83		P=2.024
	97		.80	P=0.002	71	.88		
	19302		.88		76	.83		
	08		.88		83	.90		
	12		.80		88	.93		
	17		.78	P=0.005	91	.85		
	23		.93		95	.88		P=0.013
	27		.88		99	.85		
	32		.88		19402	.80		
10-29	19404	Bronze Ingots 2%	4.85		19472	5.05		
	07		.85	P=0.019	77	.00		
	12		.90		82	.03		
	17		.80		87	4.83		P=0.004
	22		.83		92	.83		
	27		.85	P=0.009	97	.80		
	32		.88		19502	5.25		
	37		.85		04	.05		
	42		.98		09	.05		P=0.014
	47		.85	P=0.002	14	.03		
	52		.88		16	4.63		
	57		.83		21	.58		
	62		.95		26	.58		
	67		.98	P=0.002				
10/29	TM-74-1 -88	Alin Bronze	95.16		M=95.21	A=95.11	.049 .050	86 86½
	-89		94.55		94.61	94.48		
	-90		.73		.79	.66	.049	
	-91		.86		95.14	.53	.049 .050	

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
10-29	IM74-1-92	Olin Bronze	94.44		94.56		94.31	.049 .050	87
	93		95.02		95.08		.95	.049	86
	94		.05		.08		95.01	.049 .050	86
	95		94.97		.10		94.84	.048 .050	87
10-30	19531	Bronze Ingots Zn:	4.85	P=0.002	19585	Zn: 4.90			
	35		.83		91	.83		P=0.032	
	40		.88		95	.90			
	46		.75		19600	.85			
	50		.85	P=0.001	07	.78			
	55		.83		11	.90		P=0.024	
	61		.93		16	.90			
	65		.93		23	.95			
	70		.90	P=0.004	27	.85			
	76		.90		32	.93		P=0.013	
	80		.90		37	.83			
					41	.80			
10/30	IM74-22-7	Olin 50¢	91.56		8.31	0.04	0.08 Amo OK	.068 .069	87
	8		.49		.26	0.03	0.09 OK	✓	87
	9		.62		.19	0.03	0.09 OK	✓	87
	10		.47		.23	0.03	0.07 OK	✓	87
	11		.61		.18	0.02	0.07 OK	✓	87
	12		.44		.13	0.03	0.08 OK	✓	87
10-30	19647	Bronze Ingots Zn:	4.85		19702	Zn: 4.83			
	52		.90	P=0.007	07	.90		P=0.032	
	57		.88		12	.95			
	62		.85		17	.90			
	67		.90		22	.95			
	72		.83	P=0.009	27	.95		P=0.017	
	77		.85		32	.88			
	82		.83		37	.88			
	87		.83		42	.88			
	92		.83	P=0.004	47	.85			
	97		.80		49	.90			

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
10-30	19754	Bronze Ingots 2n=	4.95	P:0.021	19766	2n=5.05		
	59		,85		71	4.95		
	61		,93					
10-31	19774	Bronze Ingots 2n=	5,10	P:0.018	19834	4.90		P:0.017
	78		.10		38	,85		
	83		,20		43	,88		
	89		.10		50	.85		
	93		,10	P:0.008	54	,95		P:0.033
	98		.10		59	,90		
	18904		4.93		66	,90		
	08		,88		70	.88		
	13		,98	P:0,001	75	,95		P:0.023
	19		,93		80	,93		
	23		,93		84	5,00		
	29		,95					
10-30	19774-21- 11	Olin Corp 10¢	91,40		8.32	0.05	0.08 041 042	85
	12		.38		.28	0.04	0.08 .046 .047	85
	13		,59		,17	0.03	0.07 .041 .042	86
	14		.67		,10	0.03	0.08 ✓	86
	15		.62		.20	0.03	0.08 ✓	86
	16		.48		,23	0.03	0.07 ✓	86
	17		.47		,24	0.04	0.08 ✓	87
10-31	19891	Bronze Ingots 2n=	4.85		19951	4.68		
	96		,95	P:0.021	56	,65		P:0.004
	19901		,93		61	,75		
	06		,88		66	,70		
	11		,90		71	,65		
	16		,90	P:0.007	76	,83		P:0.007
	21		,85		81	5,05		
	26		,85		86	,18		
	31		,83		91	,13		
	36		.85	P:0,006	93	.00		
	41							
	46		,88		98	4,95		P:0.004
			,80		20003	5,03		

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RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Au OUNCES	GROSS WEIGHT Au DEC.	RECEIVED Au OUNCES	RECEIVED Zn DEC.	DELIVERED Au OUNCES	DELIVERED Au DEC.
10-31	TM74-19 - 3	Anaconda Brass 1/4	95 31	1/4	95.41	Lo.	95.20 .049 .050	88
	-4		94 75		94.95		94.59 .048 .051	87
10-31	TM74-1 -96	Olin Corp 1/4	94.96	1/4	94.85	Lo.	94.47 .049 .050	86 1/2
	-97		.77		95.05		.54 .049 .051	✓
	-98		.94		.00		.87 ✓	86
	-99		.89		94.94		.83 ✓	✓
	-100		.75		.96		.73 ✓	✓
11-1	20011	Bronze Ingots Zn=	5.18		20071	Zn=4.80		
	15		4.85		75	.80		
	20		5.03	P=0.005	80	.80		P=0.017
	26		4.85		87	.80		
	30		5.10		91	.83		
	35		4.78		96	.78		
	41		.95	P=0.004	20103	.95		P=0.015
	45		.95		07	.88		
	50		5.03		12	.98		
	56		4.95		17	.80		
	60		.93	P=0.018	21	.83		P=0.014
	65		.98		26	.80		
11-1	20129	Bronze Ingots Zn=	4.90		20199	5.00		
	34		.85	P=0.002	20204	4.93		
	39		.80		09	5.00		
	44		.85		14	.05		P=0.013
	49		.78		19	4.90		
	54		.85	P=0.004	24	.90		
	59		5.03		29	5.05		
	64		4.95		31	.00		
	69		5.00		36	.00		P=0.008
	74		.00	P=0.014	41	4.90		
	79		4.90		43	.95		
	84		.90		48	.90		
	89		5.10		53	.95		P=0.013
	94		4.98	P=0.021				

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-2	20258	Bronze Ingots Zn=	4.93		20313	4.90		P=0.010
	64		.98		18	.78		
	68		.95		25	.93		
	73		.95	P=0.034	29	.90		
	79		.95		34	.95		P=0.013
	83		5.00		41	.95		
	88		4.93		45	.95		
	94		.98	P=0.002	50	.98		
	98		.95		55	.98		P=0.029
	20303		4.98		59	.90		
	09		.90		64	.95		
11-2	20368	Bronze Ingots Zn=	4.55		20438	4.93		P=0.029
	73		.45		43	.93		
	78		.56	P=0.011	48	5.00		
	83		.40		53	4.90		
	88		.50		58	4.85		P=0.024
	93		.57		63	.90		
	98		.85	P=0.021	68	.90		
	20403		.93		70	.83		
	08		.43		75	.83		
	13		5.00		80	.85		P=0.014
	18		.68	P=0.010	82	.75		
	23		4.90		87	.75		
	28		.85		92	.80		
	33		.93					
11-5	20495	Bronze Ingots Zn=	4.75		20545	4.78		
	20500		.93	P=0.008	50	.80		
	05		.80		55	5.00		
	10		.80		60	4.90		P=0.038
	15		.80		65	.90		
	20		.78	P=0.021	70	.88		
	25		.85		75	.93		
	30		.85		80	.90		P=0.029
	35		.98		85	.93		
	40		.85		90	.98		

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RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-5	20597	Bronze Ingots 2N =	4.80		20657	4.85		
	20603		.75	P=0.021	62	.80		P=0.028
	07		.86		67	.98		
	12		.88		72	.88		
	17		.78		77	.83		
	22		.80	P=0.014	82	.93		P=0.027
	27		.85		87	.75		
	32		.83		92	.80		
	37		.85		97	.98		
	42		.85	P=0.013	99	.78		
	47		.85		20704	.83		P=0.037
	52		.90		09	5.03		
11-6	20714	Bronze Ingots 2N =	4.85		20759	5.08		
	18		.70		63	.03		P=0.029
	23		.90	P=0.013	68	.05		
	29		5.00		75	.00		
	33		4.95		79	.03		
	38		5.05		84	.10		P=0.020
	44		4.90	P=0.019	91	4.93		
	48		5.05		95	5.00		
	53		.00		20800	4.98		
					04	.93		P=0.012
11-6	12808	Bronze Ingots 2N =	5.00		20868	5.00		
	13		4.98		73	.00		
	18		5.13		78	4.98		
	23		4.95	P=0.015	83	.96		P=0.004
	28		.90		88	.98		
	33		5.03		93	5.05		
	38		4.95		98	4.90		
	43		.95	P=0.004	20903	5.03		P=0.013
	48		.90		08	.05		
	53		.95		10	4.90		
	58		.95		15	.90		
	63		.95	P=0.004	20	5.10		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-7	20924	Bronze Ingots Zn =	5.10	P=0.024	20988	4.88		
	28		4.95		93	.88		
	33		5.03		21000	.83		
	39		.08		04	.95		P=0.028
	43		.13	P=0.002	09	.90		
	48		.13		16	.85		
	54		4.88		20	.90		
	58		5.00		25	.93		P=0.027
	63		4.95	P=0.011	28	.90		
	69		5.03		32	.90		
	73		4.98		37	.90		
	78		.98		40	.88		
	84		.88	P=0.013	43	.83		P=0.005
11-7	TM74-19-5	Anaconda Brass 1#	95.12	Hi = 95.13	Lo 95.10		0.050	86
11-7	TM74-1-101	Olin Corp 1#	94.63	Hi = 94.63	Lo 94.62		0.050	87
	102		.64		.73	.56	✓	87
	103		.72		.79	.65	✓	86
	104		.48		.54	.42	✓	85
	105		.72		.81	.63	✓	87
	106		.73		.75	.71	✓	87
	107		.66		.72	.60	✓	86
	108		.56		.54	.52	✓	87
	109		.64		.69	.59	✓	88
11-7	21048	Bronze Ingots Zn =	4.90		21108	5.10		
	53		5.00		13	.10		
	58		.03		18	4.90		
	63		.18	P=0.009	23	5.13		P=0.002
	68		.00		28	4.98		
	73		.08		33	5.05		
	78		4.90		38	.10		
	83		5.00	P=0.007	43	.10		P=0.007
	88		4.95		48	4.90		
	93		5.00		50	5.10		
	98		4.93		55	4.90		
	21103		.98	P=0.007	60	.98		

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
11-8	21163	Bronze Ingots Zn:	4.95	P0.032	21217	5.05		
	67		.98		23	.13		P0.034
	72		.95		27	4.98		
	78		5.00		32	5.00		
	82		4.93	P0.019	39	.05		
	87		.98		43	.05		P0.033
	93		.93		48	4.95		
	97		.90		55	5.06		
	21202		5.00	P0.017	61	4.93		
	08		4.90		64	.93		P0.034
	12		5.03		67	.93		
11-8	21271	Bronze Ingots Zn:	4.90		21331	4.85		
	76		.86		36	.75		
	81		.80		41	.83		P0.021
	86		.90	P0.005	46	.88		
	91		.85		51	.85		
	96		.88		56	.90		
	21301		.95	P0.013	61	.90		P0.024
	06		5.00		66	.88		
	11		4.95		71	5.00		
	16		.90		73	.10		
	21		5.00	P0.017	78	4.98		
	26		4.95		83	.93		P0.021
11-8	IM74-1-110	Olin Bronze 14	94.92	Lb:	95.10	Lb: 94.74	.049 1050	86
11-9	21387	Denver Bronze Zn:	5.05		21437	5.00		
	92		.00		48	.03		P0.024
	98		4.93		47	4.83		
	21402		.98	P0.020	53	5.05		
	07		95		59	4.98		
	13		5.00		63	5.00		P0.018
	17		.05		68	4.90		
	22		.00	P0.024	75	5.03		
	28		.00		79	.00		P0.026
	32		.00		84	4.98		
					86	.93		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
11-9	268	Cyprus Nickel Denver 54	74 80		24 72			
	272		65		25 03			
	278		65		06			
	282		92		07			
	287		09		24 57			
	292		99		99			
	296		65		25 10			
	300		57		06			
11/9	21489	Bronze Ingots Zn =	4.83		21549	5.03		
	94		.88		54	4.95		
	99		.93		59	5.03		
	21504		.95	P=0.017	64	4.95		P=0.014
	09		.90		69	5.03		
	14		5.13		74	.00		
	19		4.93		79	.00		
	24		5.05	P=0.002	84	4.98		P=0.002
	29		.10		89	.98		
	34		.05		91	.95		
	39		.08		96	.95		
	44		.03	P=0.011	21601	5.03		
11-9	TM74-21-18	Olin Corp 10¢	91.50		8.37	0.03	0.09	0.041½ 86
	19		.47		.27	0.03	0.08	0.042 86
	20		.33		.36	0.02	0.09	0.041 85
	21		.62		.22	0.04	0.09	0.041 0.042 86
11-9	TM74-22-13	Olin Corp 50¢	91.43		8.45	0.03	0.09	0.068 0.069 87
	14		.59		.29	0.03	0.08	✓ ✓
	15		.46		.39	0.03	0.07	✓ ✓
	16		.50		.40	0.02	0.07	✓ ✓
	17		.44		.45	0.02	0.08	✓ 86
	18		.48		.39	0.04	0.08	✓ 88
	19		.37		.51	0.03	0.08	✓ 88
	20		.48		.39	0.03	0.09	✓ 89
	21		.51		.36	0.03	0.09	0.068 87

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Au OUNCES	GROSS WEIGHT Au DEC.	RECEIVED Au OUNCES	RECEIVED Au DEC.	RECEIVED Zn DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-12	21604	Bronze Ingots Zn=	5,15	P=0.008	21664		4,40		P=0.006
	08		,05		68		,40		
	13		,10		73		,45		
	19		4,90		80		,43		
	23		,95	P=0.016	84		,43		P=0,002
	28		,90		89		,40		
	34		,98		96		5,00		
	38		5,05		21700		,00		
	43		,00	P=0.011	05		,08		P=0,034
	49		,05		08		,10		
	53		,03		12		,03		
	58		4,90		15		,03		
11-12	21719	Bronze Ingots Zn=	4,75		21779		4,65		
	24		,83	P=0.009	84		,65		P=0.006
	29		,75		89		,68		
	34		,75		94		,68		
	39		,80		99		,85		
	44		,80	P=0.005	21804		,78		P=0.004
	49		,78		09		4,63		
	54		,80		14		,75		
	59		,85		19		,75		
	64		,80	P=0.006	21		,95		
	69		,75		26		,93		P=0,002
	74		,80		31		5,00		
11-13	21839	Bronze Ingots Zn=	4,98		21888		4,95		P=0,034
	43		,98		93		5,00		
	48		,98	P=0.007	99		,03		
	54		5,03		21903		,10		
	58		4,90		08		,10		P=0,024
	63		5,00		15		,10		
	69		4,93	P=0.022	19		,13		
	73		,95		24		,05		P=0,027
	78		5,00		31		4,75		
	84		4,95		35		,78		
					40		,78		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-13	305	Nickel Ingots - U.S. 54	74.72		24.87			
	310		.76		25.21			
	315		75.58		24.24			
	320		76.00		23.87			
	324		76.03		23.79			
	328		74.95		24.83			
	331		75.36		.61			
	336		.03		.50			
11-13	21946	Bronze Ingots 3m =	4.80		22004	5.05		
	51		.175	P=0.011	11	.10		P=0.032
	56		.183		16	.05		
	61		.85		21	.10		
	66		.80		26	.03		
	71		.185	P=0.015	31	.10		P=0.019
	76		.65		36	.00		
	81		.65		41	.05		
	86		5.00		46	4.70		
	91		4.70	P=0.008	48	5.03		
	96		.65		53	.10		P=0.024
	22001		.65		58	4.95		
11-14	22064	Bronze Ingots 3m =	4.70		22113	4.65		P=0.028
	68		.80		18	.65		
	73		.173	P=0.024	24	.96		
	79		.83		28	.93		
	93		.83		33	.90		P=0.019
	88		.90		38	.90		
	94		.55	P=0.019	44	.85		
	98		.70		48	.90		
	22103		.65		53	.60		P=0.026
	09		.65					
11-15	TM74-21-22	Olin Corp 10¢	91.49		8.36	0.05	0.09 .041 .042 .008 .007	86
11-15	TM74-22-22	Olin Corp 50¢	91.41		8.45	0.03	0.08	87

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U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 560917

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.
11-14	22160	Bronze Ingots ZN=	4.55		22230	4.90		
	65		.55		35	.85		P=0.013
	70		.55		40	.98		
	75		.58	P=0.009	45	.90		
	80		.50		50	.98		
	85		.53		55	.85		P=0.015
	90		.80		60	.80		
	95		.88		62	.85		
	22200		.88		67	.93		
	05		.90		72	.83		
	10		.93		74	.75		P=0.004
	15		.78	P=0.011	79	.73		
	20		.85		84	.65		
	25		.95					
11-15	22290	Bronze Ingot ZN=	4.80		22360	4.70		
	95		.83		66	.65		P=0.022
	22300		.88		71	.70		
	05		.73	P=0.017	76	.83		
	10		.80		81	.70		
	16		.85		86	.63		
	20		.70		91	.63		P=0.024
	25		.75	P=0.009	93	.70		
	30		.78		98	.60		
	35		.68		22403	.68		
	40		.70		05	.60		P=0.037
	45		.73	P=0.010	10	.60		
	50		.68		15	.65		
	55		.73					
11-15	22420	Bronze Ingots ZN=	4.60		22445	4.58		P=0.002
	25		.65	P=0.002	50	.78		
	30		.60		55	.90		
	35		.55		60	.98		
	40		.55		65	.70		P=0.004

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-15	22470	Bronze Ingots Zn=	4,73		22512	4,80		
	75		,65		17	,75		
	80		,95		22	,85		
	85		,95	P=0.002	29	,90		P=0.000
	90		,90		34	,90		
	95		,88		36	,85		
	22501		,90		41	,83		
	06		,95	P=0.007				
11-15	TM74-19-6	Anaconda Brass 1¢	9523	Ai	95.26 to	95.20	1049 1050	88
	-7		9524		95,45	95.02	1048 1050	86
11-16	22542	Bronze Ingots Zn=	4,93		22606	4,78		
	47		,80		11	,85		P=0.004
	51		,85	P=0.003	18	,83		
	57		,90		22	,85		
	61		,83		27	,85		
	66		,80		34	,88		P=0.011
	72		,80	P=0.002	38	,75		
	76		,75		43	,83		
	81		,75		46	,78		
	87		,80		50	,90		
	91		,85	P=0.007	55	,80		P=0.022
	96		,78		58	,88		
	22602		,85		62	,80		
11-16	22669	Bronze Ingots Zn=	4,75		22719	4,73		
	74		,85	P=0.004	24	,80		
	79		,75		29	5,15		
	84		,75		34	4,98		P=0.001
	89		,75		39	5,00		
	94		,73	P=0.007	45	,00		
	99		,90		50	4,93		
	22704		,80		55	5,00		P=0.010
	09		,83		61	4,98		
	14		,75	P=0.000	64	,88		
					71	,93		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Oz Cu	DEC.	RECEIVED Oz Ni	ZN DEC.	DELIVERED Mint OUNCES	DEC.	
11-19	22781	Bronze Ingots ZN=	4.88	P=0.015	22841	4,80		P=0.027	
	85		,90		45	,73			
	90		,90		50	,80			
	96		,90		57	,78			
	22800		,90	P=0.004	61	,75		P=0.024	
	05		,85		66	,75		P20.	
	11		,95		73	,95			
	15		,90		77	5,00			
	20		5,00	P=0.005	82	4,95		P=0.034	
	26		4,98		85	,90			
	30		,98		89	,98			
	35		,93						
11-19	TM74-1-111	Olin Corp 1¢	94 78	Ni	94 83	Zn	94 73	1049 1050	87
	112		82		95 03		61	✓	86
	113		95 17		24		95 09	1050 1051	88
	114		94 91		94 99		94 82	1049 1050	86
11-19	22900	Bronze Ingots ZN=	5,05		22960	4,80			
	05		,05	P=0.019	65	,78		P=0,117	
	10		,08		70	,73			
	15		4,98		76	,80			
	20		5,03		81	,85		P=0,010	
	25		,00	P=0,002	86	,83			
	30		,15		92	5,00			
	35		,10		97	4,98			
	40		,05		23002	5,00			
	45		,03	P=0.000	09	4,83		P=0,005	
	50		,08		14	,73			
	55		,00						
11-19	TM74-21-23	Olin Corp 10¢	91.45		8,41	0.03	0,10	Bond OK 1041 1042	85
11-20	23019	Bronze Ingots ZN=	4.90		23038	4,90			
	23		.88		43	,80			
	28		,93	P=0.016	49	,70		P=0.009	
	34		,90		53	,73			

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED FINE.	DELIVERED OUNCES	DELIVERED DEC.
11-20	23058	Bronze Ingots Zn =	4,70		23099	4,70		
	64		,70		23104	,73		
	68		,70	P=0.009	11	,65		P=0.104
	73		,75		15	,68		
	79		,78		20	,68		
	83		,73		25	,75		
	88		,75	P=0.011	29	,68		
	95		,70					
11-20	TM74-1-115	Olin Corp 1 ¢	95 07	H	95 14	Lo =	94,99	.049 .050 87
	116		13		15		95,11	✓ 86
	117		94 98		02		94,94	✓ 87
	118		91		20		,65	✓ 87
	119		95		11		,76	.048 .050 86
11-20	23134	Bronze Ingots Zn =	4,75	P=0.020	23189	4,75		
	39		,85		94	,83		P=0.080
	44		,73		99	,85		
	49		,70		23204	,83		
	54		,68	P=0.014	10	,75		
	59		,75		15	,83		P=0.027
	64		,75		20	,93		
	69		,78		26	,80		
	74		,70	P=0.010	31	,83		
	79		,70		36	,90		P=0.016
	84		,75					
11-21	23243	Bronze Ingots Zn =	4,95		23288	4,85		
	47		,98		92	,83		
	52		,93		97	,83		P=0.022
	58		,93	P=0.023	23303	,75		
	62		,98		07	,73		
	67		5,00		12	,80		
	73		4,90		19	,78		P=0.042
	77		,85	P=0.021	23	,75		
	82		,83		28	,85		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Fine Ounces	GROSS WEIGHT Dec.	RECEIVED Fine Ounces	RECEIVED Dec.	DELIVERED Fine Ounces	DELIVERED Dec.
11-21	23335	Bronze Ingots 2%	4,88		23351	4,83		
	39		,83	P=0.024	56	,83		
	44		,93		59	5,05		P=0.022
	47		,80		63	4,98		
11-21	23366	Bronze Ingots 2%	4,88		23426	5,00		
	71		,90		31	,03		
	76		,93		36	,08		
	81		,90	P=0.005	42	,00		P=0.021
	86		,90		47	,08		
	91		,90		52	,03		
	96		,85		58	,18		
	23401		,80	P=0.013	63	,13		P=0.006
	06		,85		68	4,93		
	11		,90		72	,95		
	16		,83		77	,95		
	21		,80	P=0.009	82	,93		P=0.019
11-23	23484	Bronze Ingots 2%	4,90		23548	4,90		
	88		,93		53	5,00		
	93		,95		60	4,95		
	99		,90		64	,83		P=0.021
	23503		,95	P=0.021	69	,85		
	08		,95		76	,75		
	14		,83		80	,75		
	18		,80		85	,75		P=0.042
	23		,80	P=0.004	88	,75		
	29		,93		92	,85		
	33		,80		97	,75		
	38		,83		23600	5,05		P=0.032
	44		5,05	P=0.037	04	4,95		
11-26	TM74-21-24	Olin Corp 104	91.65		8,23	0.05	0.06 .041 .042	86
	25		,58		,32	0.03	0.06 ✓	✓
	26		,58		,30	0.05	0.06 ✓	✓
	27		,50		,35	0.05	0.07 ✓	✓
	29		,49		,40	0.04	0.06 ✓	✓

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
11-26	TM74-1-120	Olin Corp 1¢	94 87		Hi = 94.87	Lo =	94.86	.049 .051 86
	121		89		.98		.80	.049 .050 87
	122		95 02		95.13		.90	.048 .051 86
	123		94 99		.09		.88	.049 .050 87
	124		95 04		.05		95.02	✓ 86
	125		.04		.06		.01	✓ 86
11-26	23608	Bronze Ingots Zn =	4.93		23668	5.10		
	13		5.00		73	.03		
	18		4.90		78	4.95		
	23		.90	P=0.040	84	5.05		P=0.015
	28		.90		89	.00		
	33		.95		94	4.90		
	38		.93		23700	5.00		
	43		.90	P=0.037	05	4.93		P=0.009
	48		.93		10	.93		
	53		.86		17	.98		
	58		.93		22	5.00		
	63		.93	P=0.020				
11-26	TM74-1-126	Olin Corp 1¢	94 89	Hi =	94 92	Lo =	94.85	.049 .050 87
	127		83		95		.71	✓ 87
	128		87		95		.79	✓ 86
11-26	TM74-21-29	Olin Corp 10¢	91.42		8.45	0.04	0.08	.041 .042 86
	-30		47		.40	0.04	0.08	✓ ✓
	-31		42		.45	0.04	0.07	✓ ✓
11-27	23725	Bronze Ingots Zn =	4.83	P=0.013	23770	4.75		
	30		.68		75	.85		
	35		.88		80	.83		
	40		.85		85	.90		P=0.027
	45		.83	P=0.020	90	.90		
	50		.75		95	.95		
	55		.90		23801	.90		
	60		.85		06	.93		P=0.040
	65		.80	P=0.018	11	.90		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Zn % OUNCES	GROSS WEIGHT DEC.	RECEIVED Zn % OUNCES	RECEIVED Zn % DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-27	23819	Bronze Ingots Zn =	4.78		23831	4.70		
	22		.80		36	.73		
	27		.78	Ag=0.081 P=0.078				
11-27	23840	Bronze Ingots Zn =	4.90		23910	4.83		
	45		.85		05	.83		
	50		.98	P=0.040	10	5.07		P=0.046
	55		.80		16	4.85		
	60		.88		21	.80		
	65		.80		26	.90		
	70		.88	P=0.034	32	.73		P=0.016
	75		.90		37	.83		
	80		.83		42	5.00		
	85		.80		49	4.60		
	90		.85	P=0.026	56	.70		P=0.020
	95		.88		61	.55		
11-28	23966	Bronze Ingots Zn =	4.90		24026	5.00		
	72		5.00		33	4.93		
	76		4.98	P=0.045	37	5.05		P=0.007
	91		.95		42	.08		
	87		.83		49	4.98		
	91		.90		53	5.00		
	96		.93	P=0.017	58	4.98		P=0.024
	24002		.95		61	5.00		
	06		.75		65	4.93		
	11		.95		70	.93		
	17		5.03	P=0.009	73	.83		
	21		.10		77	.78		P=0.034
11-28	24082	Bronze Ingots Zn =	4.85		24112	4.88		
	87		.80		17	.85		P=0.010
	92		.73		22	.80		
	97		.90	P=0.015	27	.85		
	24102		.80		32	.85		
	07		.83		37	.90		P=0.016

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
11-28	24142	Bronze Ingots Zn=	4,70		24174	4,68		
	47		,93		79	,70		P=0.014
	52		,70		84	,85		
	58		,75	P=0.015	93	,75		
	63		,73		98	,85		P=0.014
	68		,85					
11-29	24203	Bronze Ingots Zn=	5,00		24263	4,83		
	09		,00		70	,80		
	13		,05		74	,85		
	18		,05	P=0.015	79	,83		P=0.012
	24		,10		86	,88		
	28		,13		90	,80		
	33		,10		95	,80		
	39		,13	P=0.012	98	,83		P=0.041
	43		,08		24302	,88		
	48		,03		07	,85		
	54		4,80		10	,90		
	58		,85	P=0.017	14	,73		
11-29	24319	Bronze Ingots Zn=	4,80	P=0.032	24374	4,78		
	24		,55		79	,80		P0.004
	29		,75		84	,55		
	34		,80		89	,68		
	39		,75	P=0.014	95	,73		
	44		,78		24400	,80		P0.008
	49		,85		05	,78		
	54		,85		11	,68		
	59		,80	P=0.004	16	,70		
	64		,85		21	,90		P0.0
	69		,85					
11-30	24428	Bronze Ingots Zn=	5,10		24447	5,03		
	32		4,93		52	,03		
	37		5,05		58	4,90		
	43		,00	P=0.016	62	,98		P=0.020

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Fine	DELIVERED Ounces	DELIVERED Dec.
11-30	24467	Bronze Ingots Zn =	4.90		24513	4.90		
	73		.93		20	5.03		
	77		.85		24	4.90		P=0.052
	82		.75	P=0.012	29	.98		
	88		.98		32	.93		
	92		.88		36	.98		
	97		.90		41	.95		
	34504		4.93	P=0.000	44	.83		P=0.033
	08		.95		48	.83		
11-30	TM74-32	Olin Corp 10¢	91.54		8.31	0.04	0.05 .0041 .0452	86
11-30	TM74-22-23	Olin Corp 5¢	91.54		8.49	0.02	0.06 .0068 .0069	88
	-24	" "	.31		.42	0.03	0.06 .068	86
11-30	24552	Bronze Ingots Zn =	4.95		24607	4.83		
	57		.88		13	.88		
	62		.93	P=0.000	18	.85		
	67		.90		23	.88		P=0.000
	72		.90		28	.78		
	77		.93		33	.90		
	82		.85	P=0.000	38	.90		
	87		.90		44	.68		P=0.000
	92		.90		49	.73		
	97		.88		54	.78		
	24602		.85	P=0.000	61	.80		P=0.000
11-30	TM74-1-129	Olin Corp 1¢	94.61		Hi = 94.68		Lo = 94.49 .049 .056	87
	130	"	84		.86		.81 "	"
	131	"	72		.79		.65 .049 .051	"
	132	"	95.04		95.13		.95 "	"
12-3	24665	Bronze Ingots Zn =	4.90		24695	4.83		
	70		.80		24700	.85		P=0.012
	75		.83		05	.90		
	80		.90	P=0.024	10	.85		
	85		.85		15	.83		
	90		.83		20	.75		P=0.015

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-3	24725	Bronze Ingots Zn =	4.83		24757	4.90		
	30		.75		62	.90		P=0.029
	36		.75		64	.90		
	41		.75	P=0.024	69	.83		
	46		.80		74	.90		
	52		.93		76	.78		
					80	.83		P=0.019
12-3	24783	Bronze Ingots Zn =	4.58		24848	4.88		
	88		.60		53	.93		
	93		.58		59	.95		
	98		.63		64	.90		P=0.010
	24803		.60	P=0.003	69	.90		
	08		.60		75	4.85		
	13		.78		80	.85		
	18		.85		85	.95		P=0.006
	23		.85	P=0.006	92	.90		
	28		.88		97	.70		
	33		.85		24904	.88		P=0.016
	38		.83		09	.85		
	43		.83	P=0.008				
12-4	24911	Bronze Ingots Zn =	5.03		24971	4.90		
	15		4.93		75	5.00		
	20		.90		80	.00		
	26		.83	P=0.026	87	4.95		P=0.044
	30		.75		91	5.00		
	35		.85		96	4.95		
	41		5.03		25003	.88		
	45		.05	P=0.005	07	.83		P=0.012
	50		.05		12	.83		
	56		.05		17	.70		
	60		.00		21	.83		
	65		4.83	P=0.003				

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE — 550017

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12-4	25027	Bronze Ingots 2N =	4.80	P=0.012	25092	4.93		
	32		.88		97	.95		
	37		.75		25103	.98		
	42		.80		08	.98		P=0.027
	47		.78	P=0.018	13	.93		
	52		.78		19	.80		
	57		.78		24	.70		
	62		.78		29	.75		P=0.007
	67		.75	P=0.020	36	.85		
	72		.75		43	5.15		
	77		.78		49	.10		P=0.002
	82		.83		53	.05		
	87		.88	P=0.025				
12-5	25157	Bronze Ingots 2N =	4.85		25222	4.95		
	62		.85		29	5.00		P=0.010
	68		.85	P=0.020	33	4.90		
	72		.78		38	.98		
	77		.83		45	.73		
	83		.75		49	.88		P=0.041
	87		.85	P=0.061	54	.75		
	92		.83		57	.75		
	98		.80		61	.75		
	25202		.78		66	.75		
	07		.80	P=0.067	69	.93		P=0.020
	13		.85		73	.98		
	17		.90					
12-5	25278	Bronze Ingots 2N =	4.90		25313	4.90		
	83		.90		18	.83		
	88		.85	P=0.019	23	.80		
	93		.90		28	.90		P=0.014
	98		.90		33	.88		
	25303		5.00		38	.95		
	08		4.63	P=0.005	43	.93		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Oz.	GROSS WEIGHT DEC.	RECEIVED Oz.	RECEIVED DEC.	DELIVERED Oz.	DELIVERED DEC.
12-5	25348	Bronze Ingots Zn -	4,85	P=0,014	25380	4.98		
	54		,88		87	,90		
	59		,85		82	,73		P=0.011
	64		,78		94	,83		
	70		,83	P=0.014	99	,85		
	75		,80		25404	,85		
12-6	25406	Bronze Ingots Zn=	5,05		25470	4.90		
	10		,03	P=0.010	75	,95		
	15		,05		82	,93		P=0.017
	21		,13		86	,93		
	25		,15		91	,95		
	30		,18	P=0.027	98	5.00		
	36		4.90		25502	,03		P=0.032
	40		,95		07	,00		
	45		,95		10	4.90		
	51		,98		14	5,03		
	55		4.65		19	,08		
	60		,98	P=0.026	22	4.90		P=0.033
changed to 12-10-73 12-6	66		,93		26	,95		
12-6	TM74-21-33	Olin Corp 10¢	91 49		8,36	0.05	0.09 .041 .042	86
12-6	TM74-22-25	Olin Corp 50¢	91 51		8 34	0.04	0.09 .044 .049	88
	-26		54		31	0.05	0.09 .048	✓
	-27		43		42	0.05	0.09 .048 .049	✓ ✓
	-28		56		32	0.05	0.06	✓
12-6	TM74-19-8	Anaconda Brass 1¢	94 98		Hi = 95,03	Lo = 94,93	.046 .050	87
	-9		46		94.54	94.38	.049 .050	✓
12-6	25530	Bronze Ingots Zn=	5,03		25565	5.00		P=0.012
	35		,10		70	,08		
	40		,13		75	,10		
	45		4.93	P=0.010	80	,05		
	50		5.10		85	,03		P=0.008
	55		,05		90	,03		
	60		,00		95	,08		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-6	25600	Bronze Ingots Zn=	5.03		25627	5.00		P=0.009
	06		.05	P=0.02	32	.03		
	11		.00		39	4.95		
	16		.03		44	5.00		
	22		.08					
12-6	TM7418-10	Anaconda Brass 1#	94.73	1#	94.82	1# 94.64	0.049 0.050	88
12-7	25652	Bronze Ingots Zn=	5.18	0.022	25717	4.95		
	57		.13		22	5.15		
	62		.23		28	4.98		
	67		.20		33	5.00		P=0.032
	72		.15	P=0.019	38	.00		
	77		.13		44	.10		
	82		.03		49	.03		
	87		4.98		54	.13		P=0.018
	92		5.10	P=0.017	56	.03		
	97		.08		61	.13		
	25700		.05		67	.10		
	07		.08		69	4.98		
	12		.05	P=0.034	74	5.05		P=0.033
12-10	25776	Bronze Ingots Zn=	4.85		25846	4.73		
	81		.83		52	.80		
	86		.78		57	.78		P=0.004
	91		.83	P=0.006	62	.78		
	96		.83		68	.73		
	25801		.78		73	.73		
	06		.95		78	.80		P=0.012
	11		.85		85	.85		
	16		.85	P=0.004	90	.90		
	21		.95		97	.78		P=0.001
	26		.78		25903	5.18		
	31		.93		07	.03		
	36		.68	P=0.006	12	4.90		
	41		.73		17	.80		P=0.038

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED % OUNCES	RECEIVED % Zn DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-10	25922	Bronze Ingots Zn =	5,13		25978	4.85		P=0,008
	27		,10		83	.85		
	32		4.88		88	,83		
	37		.90	P=0.003	94	,98		
	42		,83		99	.95		P=0,030
	47		,88		26004	,93		
	52		,98		06	5,00		
	57		,88	P=0.004	11	,03		
	62		,83		16	,00		
	67		,75		18	4.90		P=0,046
	72		,88		23	,98		
12-10	tm741-133	Okl Corp 14	94 99	Hi=	95 19	Lo=94,78	,049 ,050	87
	134		95 08		10	95.06	✓	✓
	135		94 72		94 77	94,67	,048 ,049	✓
	136		86		95 04	,71	,049 ,050	86
	137		69		94 78	,60	✓	87
	138		64		67	,61	✓	86
	139		85		92	,78	,049 ,052	✓
	140		48		52	,44	,050 ,052	✓
	141		60		64	,56	,049 ,050	✓
12-10-73	26026	Bronze Ingot Zn =	4,98		26091	5,00		
	31		,93		96	.10		P=0,004
	36		,98	P=0.011	26102	,15		
	41		,88		07	,03		
	46		,90		12	,08		
	51		,93		17	,08		P=0,018
	56		5.05	P=0.005	23	,08		
	61		4,90		28	4,93		
	66		,93		30	,88		
	71		,93		35	,88		P=0,017
	76		,88	P=0,009	40	,95		
	81		,98		42	5,03		
	86		5,08		47	4,98		
					52	,98		

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED		
				Dec.				Dec.	
12-10	TWX-2029	Olin Corp 50#	91.61		8.32	0.06	0.09	.067	81
	30	"	.51		.37	.04	.07	.068	87
	31	"	.43		.46	.04	.06	.028	89
	32	"	.55		.33	.04	.07	"	88
	33	"	.48		.35	.09	.07	"	87
	34	"	.49		.37	.06	.07	"	"
12-11	26154	Chromalloy Inagots 2oz	5.03	P=0.012	26209	4.90			
	60		.13		.14	.95		P=0.015	
	64		4.68		.21	.98			
	69		.80		.25	.98			
	75		.93	P=0.006	.30	.85			
	79		.65		.37	.78		P=0.023	
	84		.90		.41	.78			
	90		.93		.46	.78			
	94		5.18	P=0.010	.49	.83			
	99		4.88		.53	.78			
	26205		5.20		.57	.78		P=0.017	
12-11	26262	Chromalloy Inagots 2oz	4.88		26322	4.93			
	67		.68		.27	.90			
	72		.98		.32	.88			
	77		.78	P=0.012	.38	.80		P=0.004	
	82		.85		.43	.93			
	87		.85		.48	.85			
	92		5.00		.54	.80			
	97		.05	P=0.009	.59	.80		P=0.017	
	26302		.00		.64	.88			
	07		.00		.69	.83			
	12		.08		.74	.88			
	17		4.90	P=0.015	.79	.88		P=0.009	
12-11	TWX-21-34	Olin Corp 10#	91.53		8.36	0.05	0.05	0.011 0.012	86
	35	"	.61		.27	0.05	0.05	"	"

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Zn Dec.	DELIVERED Ounces	DELIVERED Dec.
12-12	26382	Bronze Ingot Zn=	5.00		26442	4.78		P=0.015
	86		.03		46	.80		
	91		4.93		51	.85		
	97		5.00		58	.78		
	26401		.08	P=0.016	62	.85		P=0.020
	07		.18		67	.83		
	12		4.88		74	.95		
	16		5.00		78	.93		
	21		4.90	P=0.005	83	.73		P=0.023
	27		5.03		86	5.00		
	31		.03		90	4.93		
	36		4.93		95	.95		
12-12	26501	Bronze Ingots Zn=	4.98		26561	4.98		
	06		.95	P=0.004	66	5.00		P=0.016
	11		5.03		71	.03		
	16		4.95		77	4.98		
	21		.93		82	5.00		
	26		5.00	P=0.007	87	.00		P=0.012
	31		.08		93	.10		
	36		4.98		98	.10		
	41		5.08		26605	.00		
	46		.05	P=0.005	10	.00		P=0.010
	51		.05		15	4.93		
	56		.05		22	.90		
12-13	26625	Bronze Ingot Zn =	5.33		26674	5.10		
	29		4.60	P=0.032	79	.03		
	34		5.10		85	4.93		
	40		.00		89	.90		P=0.007
	44		4.98		94	.98		
	49		5.00	P=0.019	26701	.95		
	55		4.98		05	.93		
	59		5.03		10	.93		P=0.004
	64		4.98		17	.95		
	70		.95	P=0.010	21	.98		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12-13	26726	Bronze Ingots Zn =	5,05		26733	4.93		
	29		4.95	P=0.008	38	5.00		
12-13	26742	Bronz Ingots Zn =			26807			
	47				12			P=0.004
	52			P=0.014	18			
	57				23			
	62				28			
	67				34			P=0.004
	72			P=0.000	39			
	77				44			
	82				46			
	87				51			
	92				56			P=0.007
	97			P=0.002	58			
	26802				63			
12-14	26869	Bronze Ingots Zn =	5.00		26929	4.90		
	73		.05		33	.95		
	78		4.93	P=0.010	38	.95		P=0.005
	84		5.05		45	.93		
	88		.03		49	.83		
	93		4.95		54	.98		
	99		.88	P=0.002	61	.83		P=0.006
	26903		.80		65	.88		
	08		.83		70	.83		
	14		.83		73	.88		
	18		.85	P=0.006	77	.90		
	23		.85		82	.83		P=0.022
12-14	TM7422-35	Olin Corp 50¢	91.45		8.36	0.06	0.12 0.068 0.064	89
	-36	" "	.44		.41	0.04	0.10 0.068	88
12-14	TM74-19-11	Anaconda Brass 1¢	94.89 Hi =		94.94 Lo =	94.83	0.049 0.056	87
12-14	26986	Denver Bronze Zn =	4.88		27000	4.90		
	91		5.00		05	.85		P=0.000
	96		4.80		10	.88		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-14	27015	Denver Bronze Zn =	5,08		27066	5,28		P=0,003
	20		4,93		71	,20		
	25		5,03	P=0,000	77	4,95		
	30		,05		82	,98		
	35		4,90		87	,88		P=0,003
	40		5,05		89	5,08		
	45		,18	P=0,004	94	,00		
	50		,18		99	4,95		
	55		,28		27101	,93		
	61		,30		06	5,03		P=0,008
12-14	TM74-1-142	Olin Corp. 14	95 01	Hi =	95,07	La = 94,95	,050 ,051	87
	143		94 93		94,94	94,91	,050	87
12-17	27111	Bronze Ingots Zn =	4,78		27219	4,55		
	15		,75		24	,80		
	20		,80		27	,95		P=0,002
	26		,83	P=0,010	29	,78		
	30		,65		34	,75		
	35		,73		39	,75		
	41		,80		44	,78		
	45		,80	P=0,002	49	,75		P=0,000
	50		,80		54	,85		
	56		,80		59	,80		
	60		,78		64	,83		
	65		,80	P=0,001	69	,88		P=0,002
	71		,75		74	,90		
	75		,75		79	,78		
	80		,73		84	,83		
	87		,70	P=0,010	89	,80		P=0,010
	91		,65		94	,93		
	96		,70		99	,88		
	27203		,65	P=0,	27305	,85		
	07		,50	P=0,000	10	,68		P=0,002
	12		,50		15	,88		
	,15		,53					

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 850917

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12-17	27320	Bronze Ingots 2N =	4.75		27398	4.85		
	25		.90		27403	.75		
	33		.75	P=0.003	09	.60		
	38		.73		13	.60		P=0.002
	45		.80		18	.65		
	49		.85		25	.60		
	53		.85	P=0.008	29	.65		
	58		5.00		34	.55		P=0.004
	64		4.90		41	.73		
	68		.96		45	.75		
	73		.90	P=0.011	50	.73		
	79		.83		52	.78		
	83		.83		57	.75		P=0.000
	88		.85		62	.73		
	94		.85	P=0.000				
12-17	27465	Bronze Ingots 2N =	4.85		27525	4.78		
	70		.75		30	.83		
	75		.90	P=0.001	35	.83		P=0.007
	80		.75		41	.83		
	85		.80		46	.78		
	90		.78		51	.70		
	95		.80	P=0.000	57	.65		P=0.002
	27500		.65		62	.65		
	05		.65		69	.78		
	10		.70		74	.75		
	15		.78	P=0.000	79	.73		P=0.011
	20		.65					
12-18	27582	Bronze Ingots 2N =			27612			
	87				17			P=0.004
	93				23			
	97			P=0.006	27			
	27602				32			
	08				38			P=0.013

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12-18	27642	Bronze Ingots 2w=			27674			
	47				79			P=0.000
	54				84			
	58			P=0.009	88			
	63				91			
	70							
12-18	27694	Bronze Ingots 2w=	4.80		27764	4.85		
	99		.93	P=0.002	59	.90		P=0.009
	27704		.73		64	.83		
	09		.85		90	.88		
	14		.78		75	.50		
	19		.85	P=0.001	80	.90		P=0.002
	24		.85		86	.80		
	29		.83		91	.80		
	34		.78		96	.75		
	39		.85	P=0.010	98	.95		
	44		.85		27803	.68		P=0.008
	49		.80		08	.95		
12-19	27814	Bronze Ingots 2w=	4.68		27864	4.60		P=0.007
	19		.75		69	.85		
	24		.73	P=0.000	74	.78		
	29		.80		79	.80		
	34		.73		86	.85		P=0.002
	39		.70		91	.88		
	44		.63	P=0.000	96	.85		
	49		.60		27902	.78		
	54		.65		07	.80		P=0.004
	59		.73		12	.82		
12-20	27914	Bronze Ingots 2w=	4.85		27939	4.85		
	19		.95		43	5.15		
	24		.98	P=0.007	48	4.98		P=0.005
	28		.93		54	5.10		
	33		.90		58	.00		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-20	27763	Bronze Ingots 2%	5.00		28005	4.83		
	69		4.85	P=0.007	10	.73		
	73		.85		13	.90		
	78		.80		17	.85		P=0.010
	85		.88		22	.80		
	89		.75	P=0.008	25	.93		
	94		.90		29	.95		
	28001		.78					
12-20	TM74-22-37	Olin Corp 50 #	91	45	8	39	0.07	0.08 / .068 / .069	88
	38	"		46		39	0.05	0.09	"	"
	39	"		52		32	0.05	0.10	.068	"
	40	"		49		35	0.05	0.10	.068 / .069	67½
	41	"		67		19	0.03	0.10	"	88
	42	"		63		20	0.06	0.10	"	"
12-21	28033	Bronze Ingots 2%	4.93		28130	4.93		
	38		5.00	P=0.003	37	.70		P=0.008
	43		.00		42	.83		
	48		4.95		49	.88		
	53		.95		54	.75		
	58		5.00	P=0.007	59	.90		P=0.011
	63		4.88		64	.95		
	68		.85		70	5.03		
	73		.85		74	.03		
	78		.85	P=0.007	78	.00		P=0.001
	83		.85		83	.10		
	88		.88		88	.00		
	93		.90		93	.08		
	98		.93	P=0.005	98	.10		P=0.013
	28103		.90		28204	.05		
	09		5.00		09	.03		
	14		4.95		15	4.95		
	19		.90	P=0.005	19	.90		P=0.025
	25		.80		24	.93		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
12-21	28231	Bronze Ingots 2a =	4.88		28251	4.83		
	35		.85		56	.80		
	40		.85	P=0.022	59	.95		P=0.00
	45		.83		62	.88		
12-21	rm74-22 - 43	P.Bin Corp 504	91	49	8 34	0.05	0.11 .008 .009	88
	-44			49	33	0.05	0.11 ✓	87½
	-45			41	41	0.04	0.12 ✓	88
	-46			41	44	0.03	0.11 ✓	86
	-47			38	44	0.04	0.12 ✓	88
12-21	28263	Bronze Ingots 2a =	4.88		28328	5.00		
	68		.85		33	4.93		
	73		.80		39	5.13		P=0.010
	78		.93	P=0.014	44	.20		
	83		.90		49	.05		
	88		.85		55	.00		
	93		5.05		60	4.95		P=0.007
	98		.03	P=0.004	65	5.13		
	29303		.08		72	4.70		
	08		.10		79	.85		P=0.008
	13		.03		84	5.05		
	18		.05	P=0.01	89	.00		
	23		.03					
12-26	28390	Bronze Ingots 2a =	4.83		28445	4.95		
	94		.80		49	5.05		
	28400		.83	P=0.020	54	4.98		
	04		.80		60	5.10		P=0.03
	09		.80		65	.18		
	15		5.18		70	4.95		
	19		.18	P=0.006	74	5.05		
	24		.10		79	.03		P=0.004
	30		.15		83	.08		
	34		.15					
	39		.23	P=0.008				

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
12-26	28484	Bronze Ingots 2W:	4.93		28544	5.00		
	89		.95		49	.03		
	94		.95		54	.00		
	99		.93	P: 0.007	60	.08		G: 0.007
	28504		.90		65	.03		
	09		.95		70	.08		
	14		.95		75	4.93		
	19		.78	P: 0.000	80	.98		P: 0.010
	24		.90		88	.93		
	29		.88		93	.95		
	34		.85		98	.95		P: 0.010
	39		.90	P: 0.004				
~~12-26~~	~~TM74-1-144~~	~~Olin Corp 1¢~~	~~94.84~~	~~Hi:~~	~~94.87~~	~~Lo: 94.80~~	1049 1050	86
12-26	TM74-1-145		89		95.02	.76	✓	86½
	146		89		94.95	83	✓	87
	147		68		84	50	1050 1051	✓
	148		81		83	79	1050 1049	86
	149		62		83	40	1050	✓
	150		78		82	73	✓	✓
12-27	28599	Bronze Ingots 2W:	4.88		28643	4.78		P: 0.005
	28602		95		47	.88		
	07		85		52	.85		
	13		5.03		58	5.00		
	17		4.73		62	.08		P: 0.002
	22		.73	P: 0.025	67	.05		
	28		.80		74	4.80		
	32		.88		78	.83		
	37		.83		83	.83		P: 0.013
12-27	28690	Bronze Ingots 2W:	4.98		28715	5.00		
	95		5.03		20	.33		
	28700		4.98		25	.33		P: 0.000
	05		5.03	P: 0.004	30	.15		
	10		.03		35	.30		

RECEIPT AND DELIVERY OF BULLION

DATE 1973	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12-27	28740	Bronze Ingots Zn=	5,30		28771	4,95		
	45		,33	P=0.007	76	,90		
	50		4,93	P=0.	82	,90		
	55		,93		87	5,00		P=0.010
	60		,85		92	4,88		
	66		5,00	P=0.002				
12-27	TM74-22-48	Olin Corp 50¢	91,46		8,39	0.03	0.11	.0068 .0069 88
12-27	TM74-19-12	Anaconda Brass 14	9468	/4	9470	4=94.66		.1049 .1056 86
	13	"	9502		9508	.96		.1048 .1056 "
	14	"	9481		9484	.78		" "
	15	"	9467		9496	.38		.1049 .1050 "
12-27	TM74-21-36	Olin Corp 10¢	9161		821	0.10	0.07	.0041 .0042 87
	-37	"	9152		831	0.07	0.08	" "
	-38	"	9156		830	0.03	0.09	" "
12-28	28797	Bronze Ingots Zn=	4,80		28851	4,93		
	28801		,75		57	,65		
	06		,70	P=0.002	61	,83		
	12		,88		66	,73		P=0.002
	16		,80		73	,88		
	21		,85		77	,80		
	27		5,00	P=0.012	82	,88		
	31		4,98		89	,98		P=0.007
	36		,90		93	5,08		
	42		,88		98	,05		
	46		5,05	P=0.007				
12-28	28905	Bronze Ingots Zn=	5,05		28945	4,90		
	10		,15	P=0.006	50	,90		P=0.011
	15		4,95	P	55	5,00		
	20		,95		60	4,90		
	25		5,05		65	,90		
	30		,08	P=0.005	70	5,00		P=0.002
	35		4,93		75	4,93		
	40		,83		81	,98		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 550917

DATE 1973+ 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	DEC.	RECEIVED ~~OUNCES~~	DEC.	DELIVERED OUNCES	DEC.
12-28	28986	Bronze Ingots	4.88		29012	4.70		P=0.005
	91		.98	P=0.009	17	.88		
	97		.88		23	5.03		
	29002		.88		28	4.93		
	07		5.13		32	.75		P=0.007
12-28	TM74-24-39	Olin Corp 10¢	91.39		8.42	0.06	0.12 0.041 0.042	87
12-28	TM74-41-1	Olin Corp 25¢	91.52		8.31	0.03	0.13 0.053 0.054	86½
	-2	"	91.43		8.40	0.03	0.13 "	87
	-3	"	91.33		8.49	0.03	0.13 0.053	86½
1-2-74	29034	Bronze Ingot 2N=	4.73		29087	5.00		
	37		.85		93	4.90		P=0.007
	42		.85		97	.83		
	48		.83		29102	.93		
	52		.83	P=0.004	09	.85		
	57		.85		13	.90		P=0.005
	63		5.05		18	.93		
	67		4.98		25	5.00		
	72		.90	P=0.005	29	.10		
	78		5.10		34	.05		P=0.014
	82		.10					
1-2-74	29141	Bronze Ingots 2N=	5.10		29196	5.00		P=0.010
	46		.10		29202	4.95		
	51		.08		07	.95		
	56		.03	P=0.015	12	.98		P=0.013
	61		4.95		18	5.15		
	66		5.05		23	.03		
	71		4.93		28	.08		
	76		.95	P=0.010	34	.08		
	81		5.00		39	.08		P=0.006
	86		5.03		43	.05		
	91		4.95					
1-3-74	TM74-19-16	Anaconda Brass 1¢	94.54	Hi=	94.60	Lo=94.47	.048 .050	87
	-17	"	94.75		94.79	94.70	.049 .050	88

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
1-3-74	29248	Bronze Ingots ZN=	4.95		29312	5.05		
	52		.88		17	.10		P=0.014
	57		.85	P=0.026	24	.15		
	63		.80		28	.15		
	67		.93		33	.00		
	72		.85		40	4.80		P=0.007
	78		.93	P=0.015	44	.85		
	82		5.03		49	.75		
	87		4.90		52	.75		
	93		.95		56	.80		
	97		.93	P=0.007	59	5.13		P=0.013
	29302		.95		62	.10		
	08		5.13					
1-3-74	29365	Bronze Ingots ZN=	4.70		29430	5.00		
	70		.70		35	4.90		
	75		.60		41	.93		P=0.001
	80		.65	P=0.001	46	.93		
	85		.68		51	5.05		
	90		.83		57	4.95		
	95		5.00		62	.85		P=0.006
	29400		4.83	P=0.015	67	.90		
	05		.75		69	.53		
	10		.85		74	.55		
	15		.85		79	.88		
	20		.85	P=0.011	84	.85		P=0.015
	25		.98		89	.85		
1-4-74	29492	Bronze Ingots ZN=	5.00		29526	4.88		P=0.006
	96		.00		31	.85		
	29501		4.93		37	.85		
	07		.85	P=0.012	41	.88		
	11		5.03		46	.90		P=0.002
	16		.08		52	.95		
	22		4.95		56	.85		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.	
1-4-74	29561	Bronze Ingots	4.78		29593	5.05			
	68		.75	P=0.010	96	4.95			
	72		5.03		29600	5.05			
	77		4.60		06	.03			
	84		5.03		09	.25			P=0.010
	88		4.90	P=0.015	12	.20			
1-4-74	TM7449-18	Anaconda Brass 14	94.72		Ag=94.75	Lo=94.68	0.049 0.050	88	
1-4-74	29615	Bronze Ingot 2N=	4.93		29675	5.10			
	20		.98		80	.25			
	25		.95		85	.08			
	30		.90	P=0.013	91	.10			P=0.031
	35		5.10		96	.13			
	40		4.93		29701	.13			
	45		.93		07	.28			
	50		.95	P=0.015	12	.20			P=0.014
	55		5.08		17	.23			
	60		.08		19	4.95			
	65		4.98		24	.93			
	70		5.03	P=0.015	29	.90			
1-4-74	TM74-21-40	Olin Corp. 10¢	91.52		8.29	0.06	0.12	.1041 .1042	86
	-41		.57		.24	0.06	0.12	.1041	85½
	-42		.49		.22	0.17	0.12	.1042	86
	-43		.57		.24	0.05	0.13	.1041 .1042	88
	-44		.56		.27	0.04	0.12	"	86½
	-45		.52		.30	0.04	0.13	"	86
1-7-74	29735	Bronze Ingot 2N=	5.00	P=0.024	29774	4.80			P=0.016
	39		.00		80	.85			
	44		4.93		84	.95			
	50		.98		89	.90			
	55		.95	P=0.018	95	.80			P=0.021
	59		.65		99	.80			
	65		.70		29804	.80			
	69		.65		11	.73			

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-7	29815	Bronze Fngts ZN=	4.70	P=0.007	29956	4.93		P=0.015
	20		.80		61	5.00		
	27		5.05		65	4.93		
	31		4.80		69	5.10		
	36		.78	P=0.020	74	4.85		
	39		.90		80	.90		P=0.011
	43		.90		84	.98		
	48		.98		89	5.00		
	51		5.05		95	.05		
	55		4.95	P=0.019	99	.00		P=0.015
	59		5.38		30004	4.93		
	64		.40		07	.90		
	69		.33		11	.95		
	74		.40	P=0.021	16	.85		
	79		.50		22	.93		P=0.015
	84		.35		26	.95		
	89		.10		31	5.13		
	94		.05	P=0.009	38	.18		
	99		.05		42	.00		P=0.016
	29904		.00		47	.00		
	09		.18		54	.15		
	14		.03	P=0.013	58	4.90		
	19		4.90		63	5.05		P=0.026
	24		.80		66	.10		
	29		.85		70	.08		
	35		.95	P=0.016	75	.20		
	40		.86		78	4.95		
	45		.90		82	5.00		P=0.009
	51		.90					
1-7	30086	Bronze Fngts ZN=	4.80		30106	4.80		
	91		.85		11	.70		
	96		.90		12	.90		
	30101		.90	P=0.006	21	.95		P=0.006

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~Ounces~~ Cu	Dec.	~~Ounces~~ Cu	~~Dec.~~ Zn	~~Ounces~~ Zn	Dec.
1-7	30126	Bronze Ingots Zn =	4,85		30167	5,10		
	31		5.00		72	,25		
	36		4.90		78	,15		
	41		5,00	P=0,000	83	4,98		P=0.000
	46		,05		88	5.00		
	51		,05		90	4.70		
	56		,33		95	,90		
	62		,00	P=0,004				
1-8	30207	Bronze Ingots Zn =	4,63		30267	4,85		
	11		,83	P.0.024	71	,80		
	16		,88		76	,80		P=0.019
	22		,80		83	,85		
	26		,88		87	,88		
	31		,93	P=0.011	92	,88		
	37		5,05		99	,90		P=0.004
	41		4.93		30303	,90		
	46		5,00		08	,90		
	52		,08	P=0.011	13	,93		
	56		,00		17	,85		
	61		,00		20	,85		P=0.002
1-8	30324	Bronze Ingots Zn =	4,80		30389	4,75		
	29		,73		94	,70		
	34		,78		30400	,75		P=0.012
	39		,80	P=0.000	05	,88		
	44		,75		10	,85		
	49		,75		16	5,00		
	54		,83		21	,08		P=0.001
	59		,85	P=0.004	26	4,98		
	64		,93		~~28~~	,78		
	69		,88		~~33~~	,70		
	74		,83		38	,70		P=0.001
	79		,50	P=0.005	40	,98		
	84		,55		45 50	5,15 ,08		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-9-74	30452	Bronze Ingots Zn =	4,55		30516	4.95		
	56		5,00		21	,95		P=0,015
	61		4.95	P=0.000	28	,95		
	67		5,10		32	5,05		
	71		,03		37	4,88		
	76		4.98		44	5,05		P=0,009
	82		,98	P=0.001	48	,05		
	86		5,05		53	4,95		
	91		,00		56	,95		
	97		,00		60	,95		
	30501		4,98	P=0.004	65	,93		P=0.000
	06		,98		68	,83		
	12		,98		70	,95		
1-9-74	TM74-19-19	Anaconda Brass 1#	94 51	Ni = 94,55	Ag = 94,46		0.048 0.050	87
1-9-74	30573	Bronze Ingots Zn =	5,00		30633	6,05		
	78		,13	P=0,005	38	,00		
	83		,00		43	4,93		P=0,003
	88		,03		49	5,05		
	93		,13		54	,03		
	98		,00		59	4,98		
	30603		4,95	P=0,006	65	4,85		P=0,004
	08		,90		70	,90		
	13		5,00		77	5,00		
	18		,00		82	,00		
	23		4,90	P=0.000	87	,15		P=0,005
	28		5,03					
1-10-74	30694	Bronze Ingots Zn =	4.78		30728	4,55		
	98		,90		33	,55		
	30703		,85		39	,88		P=0,006
	09		,70	P=0,013	43	,55		
	13		5,05		48	,70		
	18		4,50		54	,83		
	24		,58		58	,73		P=0,019

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
1-10-74	30762	Bronze Ingot Zn =	4,73		30795	4,85		
	70		,65		98	,75		P=0.002
	74		,75		30802	,73		
	79		,73	P=0.005	07	,93		
	86		,63		10	,90		
	90		,88		14	,95		
1-10-74	Tm74-21-46	Olin Corp: 10 ¢	91.49		8.29	0.09	0,12	0.041 0.042 86
	-47	"	,54		,26	0.08	0.11	0.041 "
	-48	"	,63		,20	0.06	0.10	0.041 0.042 "
	-49	"	,62		,23	0.04	0.10	0.041 "
1-11-74	30818	Bronze Ingots Zn =	4,85	P=0.000	30944	4,80		
	23		,83		50	,95		
	28		,85		56	,93		
	33		,88		60	,90		P=0.001
	38		,88	P=0.004	65	,95		
	43		,83		71	,95		
	48		,78		75	,90		
	53		,83		80	,90		P=0.005
	58		,95	P=0.001	86	,93		
	63		,90		90	,90		
	68		,80		95	,85		
	73		,80		31001	,75		P=0.011
	78		,80	P=0.012	05	,73		
	83		,88		10	,65		
	88		,83		17	,78		
	94		,88		21	,65		P=0.001
	99		,88	P=0.003	26	,68		
	30904		,83		33	,78		
	10		5,00		37	,80		
	15		,05		42	,90		P=0.010
	20		4.90	P=0.004	45	,80		
	25 27		,75		49	,85		
	32		,80		54	,88		
	39		,85		57	,90		
			,78	P=0.009	60	,95		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-11-74	31066	Bronze Ingots 2#	4.68	P=0.004	31103	4.80		
	71		.88		10	.73		P=0.000
	76		.78		15	.80		
	82		.90		20	.88		
	87		.80	P=0.006	25	.85		
	92		.75		32	.93		P=0.005
	98		.73					
1-14-74	31134	Bronze Ingots 2#	4.95		31181	5.05		
	38		5.05		85	.03		P=0.007
	43		4.83		90	4.88		
	49		.85		93	.95		
	53		.88	P=0.009	97	.93		
	58		4.95		31202	.90		
	65		.88		05	.90		P=0.006
	69		.85		07	.88		
	74		.85					
1-14-74	TM74-22-49	Olin Corp 50#	91.43		8.43	0.03	0.10	0.069 87½
1-14-74	TM74-44-4	Olin Corp 25#	91.59		8.26	0.03	0.11	0.053 86
	-5	"	91.48		8.39	0.04	0.08	0.053 89
1-14-74	873866M-1	Olin Corp 5#	94.22		25.27			0.064½ 89
	-2	"	74.12		25.29			0.064½ "
	-3	"	74.34		24.84			0.063 0.064 88
	-4	"	74.60		24.87			0.066 0.065 89
	-5	"	74.36		25.29			0.063 0.064 "
	-6	"	74.70		24.91			0.064 "
1-14-74	31210	Bronze Ingots 2#	4.53		31250	4.93		
	15		.85		55	.90		
	20		.90		60	.93		
	25		.85	P=0.007	65	.93		P=0.007
	30		.85		71	.90		
	35		.78		76	.93		
	40		.83		81	.90		
	45		.85	P=0.000	87	.85		P=0.001

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-14-74	31292	Bronze Ingots 2% =	4.78		31311	4.85		
	97		.88		16	.95		
	31305		.83	P-0.017	21	.98		
1-14-74	31322	Bronze Ingots 2% =	4.86		31351	5.05		
	25		.83	P-0.020	55	.13		
	30		.90		61	.23		
	31		.88		65	.18		P-0.029
	35		.90		68	.13		
	40		.93		70	.05		
	45		5.13	P-0.019				
1-15-74	340	Nickel Ingot US $	74.97		25.03			
	45		75.05		24.95			
	50		74.67		25.33			
	54		75.20		24.80			
	59		.32		.68			
	63		.28		.72			
	64		74.90		25.10			
	67		75.17		24.83			
	68		.20		.80			
	71		.39		.61			
	74		74.75		25.25			
	79		75.01		24.99			
	83		.35		.65			
	88		.61		.39			
	93		74.97		25.03			
	96		75.35		24.65			
	400		.17		.83			
	05		.05		.95			
	09		.09		.91			
	14		.05		.95			
	19		.09		.91			
1-15-74	31373	Bronze Ingots 2% =	4.88		31383	4.80		P-0.019
	78		.90		88	.80		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-15-74	31393	Bronze Ingots Zn =	4,85		31438	5,28		
	98		,90		43	,30		P=0,02
	31403		,93	P=0,019	49	,28		
	08		,90		64	,33		
	13		,93		59	,28		
	18		,95		65	,00		P=0,016
	23		,95	P=0,013	70	,08		
	28		,80		75	,00		
	33		5,30		80	4,93		
1-16-74	31482	Bronze Ingots Zn =	5,43		31538	5,03		
	86		4,83	P=0,019	43	4,88		
	91		5,00		48	,93		P=0,019
	95		4,90		52	,95		
	99		,93		57	5,03		
	31504		,85	P=0,026	62	4,90		
	08		,93		66	5,00		P=0,016
	12		,90		71	4,93		
	17		,85		73	,98		
	21		,90		77	,93		
	25		,73	P=0,010	82	5,18		
	30		,90		84	4,93		
	34		,78					
1-16-74	14	Medals 90/10	90,31			9,58		
	15		89,70			10,00		
	16		90,53			9,33		
	17		89,82			,95		
	18		90,16			,83		
	19		,34			,50		
	20		,22			,50		
	21		,14			,50		
	22		89,78			,78		
	23		,92			,60		
	24		,98			,60		
	25		,92			,85		
	26		90,17			,83		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-16-74	31588	Bronze Ingots	4.95	P=0.007	31653	5.05		
	93		.85		58	.00		
	98		.88		64	.00		
	31603		.90		69	4.95		P=0.004
	68		.88	P=0.007	74	.98		
	13		.90		80	.85		
	18		.95		85	.78		
	23		.83		90	.95		P=0.011
	28		.90	P=0.000	97	.88		
	33		.85		31702	.98		
	38		.90		09	5.00		P=0.002
	43		.85		14	.18		
	48		5.00	P=0.005				
1-17-74	31717	Bronze Ingots Zn=	4.90		31767	4.78		P=0.009
	22		.90		73	.78		
	28		.88	P=0.013	77	.70		
	32		.90		82	.80		
	37		.95		89	.73		P=0.013
	43		.78		93	.80		
	47		.88	P=0.009	98	.80		
	52		.88		31805	.90		
	58		.85		09	.85		P=0.004
	62		.85		14	.85		
1-17-74	74-19-20	Anaconda Brass 1¢	94.79	Hi =	94.84	Lo = 94.73	0.049 0.050	87
1-17-74	31820	Bronze Ingots Zn=	4.88		31865	4.93		
	25		.93		70	.88		P=0.002
	30		5.00		75	.88		
	35		4.78		80	.98		
	40		.88	P=0.000	85	.98		
	45		5.05		90	.88		
	50		4.93		96	.95		
	55		.83		31901	.95		P=0.005
	60		.83		06	5.00		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
1-17-74	31912	Bronze Ingots Zn=	4.85		31934	4.95		
	17		5.10		39	5.08		
	22		4.93		44	.13		
	29		.88	P=0.002				
1-18-74	31946	Bronze Ingots Zn=	5.10		32010	5.05		P=0.007
	50		.03	P=0.007	15	.05		
	55		.00		22	.03		
	61		.00		26	.03		
	65		4.95		31	.00		P=0.001
	70		.98	P=0.005	38	.00		
	76		5.00		42	.03		
	80		4.93		47	4.95		
	85		.98		50	5.05		P=0.007
	91		.90	P=0.009	54	.00		
	95		5.00		59	.00		
	32000		4.88		62	4.90		
	06		5.05		66	.93		
1-18-74	32070	Bronze Ingot Zn=	4.88	P=0.000	32130	4.93		P=0.001
	75		.83		35	.93		
	80		.53		40	.93		
	85		.83		46	.93		
	90		.75	P=0.000	51	.80		P=0.007
	95		.85		56	.90		
	32100		5.74		62	.93		
	05		6.03		67	.80		
	10		5.78	P=0.004	72	.95		P=0.000
	15		4.75		77	5.13		
	20		6.67		82	4.98		
	25		5.69					
1-21-74	32189	Bronze Ingots	4.80		32208	4.85		P=0.007
	93		.78	P=0.004	13	.83		
	98		5.00		19	.83		
	32204		.15		23	.58		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
1-21-74	32228	Bronze Ingots Zn =	4.90		32274	4.88		P=0.009
	34		5.50	P=0.000	81	.75		
	38		4.80		85	.95		
	43		.95		90	5.00		
	49		.90		93	4.93		P=0.015
	53		.75	P=0.016	97	.95		
	58		.90		30302	5.00		
	65		.88		05	4.89		
	69		.98		09	.85		
1-21-74	32312	Bronze Ingots Zn =	4.85	P=0.007	32392	4.85		P=0.002
	17		.83		77	.83		
	22		.90		82	.90		
	27		.85		88	.80		
	32		.95	P=0.007	93	.88		P=0.009
	37		.80		98	.90		
	42		.95		32404	.83		
	47		.85		09	.75		
	52		.95	P=0.000	16	.90		P=0.019
	57		.78		21	.80		
	62		.70		26	.85		
	67		.90					
1-21-74	TM74-41-6	Olin Corp 25¢	9.43		8.43	0.04	0.09 .053 .054	86
	7	"	.54		.27	0.10	0.08 "	"
	8	"	.52		.32	0.05	0.09 "	"
	9	"	.54		.29	0.03	0.13 "	"
1-21-74	TM74-19-21	Anaconda Brass 1¢	94.76	Ni =	94.76	Lo = 94.75	.004 .005	87
1-22-74	32429	Bronze Ingots Zn =	4.85		32463	4.90		
	32		.85		68	.85		
	38		.90	P=0.009	74	.95		
	44		.78		78	.88		P=0.004
	48		.75		83	.90		
	53		.58		89	.78		
	59		.98	P=0.013	93	.90		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Troy Ounces	GROSS WEIGHT Dec.	RECEIVED Troy Ounces	RECEIVED Dec.	DELIVERED Troy Ounces	DELIVERED Dec.
1-22-74	32498	Bronze Ingots Zn =	4.95	P:0.013	32521	4.85		
	32505		.93		25	.50		
	09		.85		30	.75		
	14		.90	P:0.010				
1-22-74	32534	Bronze Ingots Zn =		P:0.000	32599			
	39				32604			
	44				10			
	49				15			P:0.001
	54			P:0.004	20			
	59				26			
	64				31			
	69				36			P:0.007
	74			P:0.004	38			
	79				43			
	84				50			
	89				55			P:0.009
	94			P:0.006	60			
1-23-74	32663	Bronze Ingots Zn =	4.90		32719	5.15		
	68		.70		23	.13		
	74		.85	P:0.014	28	.15		
	78		.80		35	.68		P:0.016
	83		.79		39	.13		
	89		.98		44	.10		
	93		5.05	P:0.009	51	4.90		
	98		.00		55	.88		P:0.001
	32704		4.90		60	.99		
	08		5.00		65	.95		
	13		.03	P:0.007				
1-23-74	32770	Bronze Ingots Zn =	4.95		32795	4.93		P:0.000
	75		.93	P:0.005	32800	.95		
	80		5.03		05	.85		
	85		4.95		10	.98		
	90		.80		15	.93		P:0.002

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-23-74	32820	Bronze Ingot 2N	4.93		32867	4.88		
	25		.98		72	.85		
	30		5.10		74	5.05		P=0,000
	35		.10	P=0.001	79	.05		
	40		4.93		84	.05		
	46		5.08		89	4.90		
	51		4.98		91	.95		
	56		5.05	P=0.004	94	.98		P=0.011
	62		.00					
1-24-74	32900	Bronze Ingot 2N=	4.90		32965	4.85		
	05		.90		70	.90		
	10		.95		76	.85		P=0.009
	15		.95	P=0.007	81	.93		
	20		.98		86	.88		
	25		.93		92	.83		
	30		5.00		97	.93		P=0,010
	35		4.85	P=0.004	33002	.90		
	40		.95		04	.93		
	45		5.08		09	.98		
	50		.03		16	5.03		P=0.000
	55		.05	P=0.013	21	4.93		
	60		4.98					
1-24-74	TM74-41 -10	Olin Corp. 25¢	91.59		8.22	0.09	0.09 (0.053, 0.054)	86
	-11	"	.53		.28	0.09	0.09 "	86
	-12	"	.39		.45	0.05	0.10 "	87
	-13	"	.60		.21	0.10	0.08 "	86
	-14	"	.50		.30	0.10	0.09 "	87
	-15	"	.43		.31	0.14	0.10 "	86
1-24-74	33025	Bronze Ingot 2N=	4.65		33050	5.00		P=0,003
	30		.95		55	4.88		
	35		5.03	P 0.000	60	.90		
	40		4.98		65	.90		
	45		.85		70	5.00		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-24-74	33075	Bronze Ingots Zn=	5,00	P=0,000	33106	5,00		
	80		,00		11	4,95		
	85		4,95		17	,95		P=0,000
	90		5,05		22	5,00		
	95		,00	P=0,001	27	4,90		
	33101		4,95		32	,93		
1-25-74	33146	Bronze Ingots Zn=	4,90	P=0,000	33211	4,93		
	51		,85		16	,88		
	56		5,03		22	,83		P=0,004
	61		4,95	P=0,012	27	,88		
	66		,93		32	,90		
	71		,95		38	,93		
	76		,95		43	,85		P=0,004
	81 86		5,00 4,83	P=0,007	50 48	,85 ,85		
	91		5,03		55	,90		
	96		5,00		60	,93		
	33200		4,95	P=0,004	62	,83		P=0,014
	06		,98		65	,90		
1-25-74	33268	Bronze Ingots Zn=	4,95		33338	4,88		
	73		,98		44	,70		P=0,006
	78		,90		49	,80		
	83		,90	P=0,001	54	,83		
	88		,80		60	,85		
	93		,95		65	,75		P=0,000
	98		,88		70	,65		
	33303		,90	P=0,000	77	,85		
	08		,90		82	,80		P=0,004
	13		,95		89	,68		
	18		,93		94	,80		
	23		,88	P=0,000	99	,83		
	28		,88		33404	,75		P=0,015
	33		,85		09	,85		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 556917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED Zn DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-28-74	33412	Bronze Ingots Zn =	5.00		33470	4.93		
	16		.05		77	.83		
	20		4.75	P=0.000	81	.83		P=0.006
	25		.83		86	.98		
	31		.93		93	.88		
	35		.98		97	.95		
	40		.88	P=0.006	33502	5.00		P=0.001
	46		.83		05	4.98		
	50		5.05		09	.88		
	55		.08		14	.90		
	61		4.88	P=0.005	17	.90		
	65		.90		21	.90		P=0.003
1-28-74	33524	Bronze Ingots Zn =	4.73		33586	4.93		
	31		.68		91	5.03		
	36		.70		96	.00		P=0.000
	41		.78	P=0.001	33602	4.93		
	46		.75		07	5.05		
	51		.78		12	4.88		
	56		.78		18	.95		
	61		.75	P=0.000	23	.90		P=0.000
	65		.85		28	.83		
	71		.83		35	.83		
	76		.90		40	.85		P=0.004
	81		.85	P=0.001	46	.85		
1-29-74	33652	Bronze Ingots Zn =	4.98		33697	4.58		
	56		.85		33701	.78		P=0.009
	61		.75	P=0.000	06	.80		
	67		.78		12	.80		
	71		.90		17	.85		
	76		.83		22	.80		P=0.003
	82		.73	P=0.000	29	.85		
	86		.90		33	.85		
	91		.98		38	.75		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
1-29-74	33745	Bronze Ingots Zn=	4.88		33759	4.80		
	49		.80		63	.75		
	54		.88		66	.93		P=0.005
1-29-74	33770	Bronze Ingots Zn=	4.83		33835	4.90		P=0.00
	75		.85		40	.95		
	80		.95		46	.85		
	85		.65	P=0.004	51	.88		
	90		.90		56	.90		P=0.000
	95		.90		62	.80		
	33800		.65		67	.85		
	05		.50	P=0.000	72	.85		
	10		.78		79	.83		P=0.001
	15		.73		84	.85		
	20		.73		91	.85		
	25		.70	P=0.004	96	.90		P=0.007
	30		.88					
1-30-74	33899	Bronze Ingots Zn=	4.93		33954	4.85		P=0.000
	33903		.98		63	.70		
	08		.88		68	.83		
	14		.85		75	5.05		
	18		.85	P=0.000	79	4.98		P=0.007
	23		.88		84	.80		
	29		.80		91	.88		
	33		.93		95	5.05		
	38		.93	P=0.015	34000	4.83		P=0.012
	44		.93		05	.70		
	48		.88		09	.98		
	53		.80					
1-30-74	34014	Bronze Ingots Zn=	4.78		34039	4.85		P=0.001
	19		.88	P=0.003	44	.70		
	24		.78		49	.80		
	29		.80		54	.75		
	34		.75		59	.80		P=0.000

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-1-74	34352	Bronze Ingots 2a=	4.83		34424	4.85		P=0.013
	99		.85		29	.95		
	34404		.90	P=0.000	32	.83		
	08		.93		36	.88		
	13		.93		41	.80		P=0.010
	20		.50					
2-1-74	34444	Bronze Ingots 2a=	4.65		34501	4.83		
	47		.55		06	.85		P=0.009
	49		.68		11	.85		
	54		.50		13	5.25		
	59		5.00		18	.00		
	64		.10	P=0.001	23	4.93		
	69		.05		25	.83		P=0.004
	74		.05		30	.53		
	79		4.65		35	.50		
	85		5.08	P=0.000	38	5.00		
	90		4.90		43	4.88		P=0.004
	95		.65					
2-4-74	34547	Bronze Ingots 2a=	4.90		34593	4.90		
	51		.93		97	.85		P=0.005
	56		.98	P=0.010	34602	.87		
	62		5.00		07	.88		
	66		4.85		11	5.00		
	71		5.00		15	4.90		P=0.011
	77		.10	P=0.000	21	.98		
	81		.08		26	.80		
	86		.10					
2-4-74	34419-22	Anaconda 1d	94.65		Hi=94.73		Lo=94.56	.049 .020 .63
	-23	✓	.65		.68		.62 ✓	.84
	-24	✓	.65		.77		.53 ✓	.85
	-25	✓	.77		.85		.69 ✓	.87
	-26	✓	.71		.81		.60 ✓	.85

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 650917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-4-74	74-41-16	Olin 25¢	91.39		8.48	0.04	0.08 1053 1054	84
	-17		47		42	.03	.07 ✓	85½
	-18		36		44	.04	.15 ✓	85
	-19		40		47	.04	.08 ✓	86½
	-20		56		33	.02	.08 ✓	86
	-21		56		32	.03	.08 .053 .055	85½
	-22		45		42	.03	0.09 1054	✓
	-23		56		35	.01	.07 .053 .054	85
	-24		56		35	.01	.07 ✓	✓
	-25		60		41	.01	.07 ✓	✓
	-26		47		37	.07	.08 .053	✓
	-27		54		35	.02	.08 .053 .054	✓
2-4-74	34637	Bronze Ingots 2¢ =	4.85	P=0.007	34698	4.98		P=0.012
	42		5.05		34703	.88		
	47		4.88		09	5.03		
	52		.98		14	.00		P=0.023
	57		.83	P=0.025	21	4.88		
	62		.88		26	.88		
	67		5.03		31	.90		
	72		4.68		38	.93		P=0.017
	77		.50	P=0.04	43	.83		
	82		.90		50	.93		
	87		.95		55	.90		
	93		.85					
2-5-74	34759	Bronze Ingots 2¢ =	4.73	P=0.028	34804	5.05		
	65		.95		11	.08		
	69		4.88		15	.08		
	74		4.98		20	.13		P=0.009
	80		4.93	P=0.016	27	4.98		
	84		.90		31	.95		
	89		.95		36	5.00		
	95		5.08		39	4.90		P=0.021
	99		4.95	P=0.016	43	.98		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Cu OUNCES	GROSS WEIGHT DEC.	RECEIVED Cu OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-6-74	34848	Bronze Ingots Zn =	4.98		34859	4.95		P: 0.018
	53		.18		62	.83		
2-5-74	428	Nickel Ingots	75	03	24	83		
	33		74	68		99		
	38			99		87		
	42		75	03		95		
	47			19		80		
	52		74	80	25	06		
	59			76	24	91		
	64		75	14		83		
	68			16		83		
	73		74	95		83		
	78			95		83		
	81			92	25	07		
	88			72		21		
	93			99	24	95		
	99			65	25	06		
	503			91	24	87		
	08			57	25	06		
	12			89		10		
	17			93		06		
	21			94		05		
	25			76		14		
	30			83		06		
	33			99	24	76		
	38		75	21		35		
	43			00		99		
	47		74	43	25	10		
	51		75	03	24	91		
2-6-74	TM74-38-1	Bridgeport Brass 1¢	94	81	Ti = 94.87		Li = 94.74 .048 .051	86
2-6-74	34866	Bronze Ingots.	4.90					
	71		503					
	76		4.90					

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U. S. GOVERNMENT PRINTING OFFICE 556917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	OUNCES	DEC.	OUNCES	DEC.
2-6-74	34881	Bronze Ingots	4.90	P=0.002				
	86		.90					
	91		.95					
	96		.90					
	34961		.83	P=0.001				
	65		5.05					
	11		4.83					
	16		.90					
	21		5.08	P=0.002				
	26		4.88					
	31		.93					
	36		.80					
	42		5.00	P=0.004				
	47		5.00					
	52		4.93					
	58		.95					
	63		.80	P=0.015				
	70		.53					
	75		5.00					
	80		.05					
	88		4.95	P=None				
	92		.98					
	97		.85					
	35003		.88					
	07		.88	P=None				
	12		.93					
	18		.95					
	22		.90					
	27		.98	P=0.009				
	33		.98					
	37		.93					
	42		.95					
	48		.80	P=0.004				

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	~~DEC.~~	~~OUNCES~~	DEC.
2/6/74	35052	Bronze Angels	475					
	57		85					
	64		95					
	68		5.00	P=None				
	73		4.95					
	80		.93					
	84		95					
	89		.85	P=0.009				
	92		90					
	96		98					
	35101		.90					
	04		.78					
	08		.68	P=0.011				
2/6/74	35112		488		352H	5.03		
	17		510		21	.03		
	22		490		26	4.83		
	27		95	P=None	32	88		P=0.006
	32		93		38	95		
	37		510					
	42		4.90					
	47		503	P=None				
	52		13					
	57		498					
	62		505					
	67		03	P=None				
	72		493					
	77		500					
	82		.05					
	88		4.98	P=0.004				
	93		515					
	98		05					
	35204		15					
	09		25	P=None				

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-6-74	to 74-19-27	Anaconda 14	94.54	Ni = 94.71	Lo = 94.40		0.048 0.050	87
2/6/74	35240	Bronze Ingots	495		35307	488		
	45		85		13	88		P = 0.007
	50		93		20	75		
	54		70	P = None	25	80		
	59		50.5		33	75		P = None
	65		483		36	65		
	69		85		41	78		
	74		73	P = None	44	90		
	80		85		48	70		
	84		65		52	65		P = None
	89		88		55	83		
	95		75	P = 0.003	59	80		
	35300		83					
2/7/74	35361	Bronze Ingots	500		35426	495		
	66		490		31	500		P = 0.004
	71		95	P = 0.010	37	500		
	76		85		42	498		
	81		90		47	90		
	86		95		53	78		P = 0020
	91		508	P = 0.005	58	90		
	96		15		23	80		
	35401		483		65	95		
	06		505		70	85		P = 0.013
	11		10	P = 0.004	79	95		
	16		478		82	93		
	21		93		87	85		
2/8/74	35490	Bronze Ingots	470	P = None	35520	478		
	95		73		25	80		
	35500		75		30	50		P = 0.010
	05		78		35	75		
	10		98	P = None	40	80		
	15		68		45	90		

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.
2/8/74	35550	Bronze Ingots	4.95	P=.001	35582	4.80		
	55		.90		87	.70		
	61		.75		94	.83	P= 0.013	
	65		.90		98	.83		
	71		.95	P=.001	35600	.85		
	77		.95		05	.85		
2/8/74	35610		4.70		35670	5.05		
	15		60	P=.002	75	4.80	P= 0.006	
	20		70		80	90		
	25		78		86	85		
	30		73		91	80		
	35		78	P=.002	96	80	P= 0.006	
	40		85		35702	83		
	45		98		07	80		
	50		93		12	90		
	55		98	P=.002	17	98	P= 0.000	
	60		90		24	93		
	65		85		29	88		
2/11/74	TM 74-41-28	Olin Corp 25#	91.59		8.23	0.02	0.15 .053 .054	.87
2/11/74	35732	Bronze Ingot 2w=	5.00		35802	4.70	P=0.000	
	35		4.95		06	.95		
	41		5.00	P=0.006	11	.90		
	45		4.90		19	.85		
	50		.98		22	.78	P=0.019	
	56		.85		27	.80		
	60		.95	P=0.003	33	.83		
	65		5.00		38	.75		
	71		4.90		72	.75	P=0.500	
	75		5.05		46	.90		
	90		4.888	=0.009	51	.93		
	96		.85		55	.95		
	90		.85		60	.90		
	95		.75		65	5.18	P=0.004	

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2/1/74	35870	Bronze Ingots ZN-	4.88		35983	5.05		P=0.000
	75		.90		89	4.93		
	80		.78		93	5.00		
	85		5.23	P=0.000	98	.00		
	90		.03		36004	4.95		P=0.001
	95		.00		08	5.00		
	35900		.10		13	4.98		
	05		.15	P=0.002	19	.98		
	10		.00		22	5.00		P=0.000
	15		4.95		28	.00		
	20		.93		34	4.80		
	25		5.25	P=0.000	38	.93		
	31		4.95		43	.80		P=0.000
	36		.98		50	.80		
	41		.85		54	.90		
	45		5.10	P=0.006	59	.85		
	50		.05		66	5.00		P=0.000
	55		4.83		70	4.95		
	59		.98		75	5.00		
	64		5.00	P=0.001	82	4.95		
	69		4.93		86	5.05		P=0.000
	74		.95		91	4.95		
	78		5.00		94	.75		
2/1/74	36099	Bronze Ingots ZN=4.90			36149	4.95		
	36104		.83	P=0.003	54	.95		
	09		.85		59	.88		
	14		.88		64	5.13		P=0.000
	19		.88		69	.00		
	24		.70	P=0.004	75	4.90		
	29		.93		80	.95		
	34		.90		85	5.00		P=0.006
	39		.98		91	4.93		
	44		.95	P=0.004	96	.93		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-11-74	36201	Bronze Ingots Zn =	4,60		36216	4.90		
	02		,70		21	,85		
	07		,85	P=0.004	26	,93		P=0.013
	12		,93					
2-12-74	36229	Bronze Ingots Zn =	4,85		36293	4.90		
	33		,80		97	,80		
	38		,85		36304	,90		
	44		,93		08	,88		P=0.002
	48		,90	P=0.011	13	,88		
	53		,90		19	,80		
	59		,80		23	,75		
	63		,80		28	,75		P=0.003
	68		,88	P=0.013	35	,80		
	74		,83		39	,85		
	78		,85		43	,90		
	83		,88		47	,80		P=0.005
	89		,98	P=0.015				
2-12-74	TM74-42-1	Olin Corp $1.00	91.44		8.42	0.02	0.11 .088 .089	88
	-2		.50		.40	0.03	0.06 .087 .089	✓
	-3		.47		.40	0.03	0.09 .088 .089	87
	-4		.57		.31	0.03	0.08 ✓	88
2-12-74	B73-866M-7	Olin Corp. 5¢	74.59		24.91		.063 .064	89½
	-8		.39		25.03		✓	✓
	-9		.34		.05		✓	90½
	-10		.10		.32		.063 .065	91
	11		.08		.46		.063 .064	✓
2-12-74	36354	Bronze Ingots Zn =	4,78		36389	4,88		P=0.012
	59		,80		94	,90		
	64		,80		99	,85		
	69		,83	P=0.809	36404	,90		
	74		,78		09	,93		P=0.016
	79		,80		14	5.05		
	84		,93		19	4.95		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-12-74	36424	Bronze Ingots Zn =	4.95		36456	4.88		
	30		5.03	P=0.024	63	.80		
	35		4.85		67	.95		
	40		.88		71	.90		P=0.018
	46		.85		76	.90		
	51		.85	P=0.017	81	.85		
2-13-74	36479	Bronze Ingots Zn =	4.83		36544	4.88		
	86		.98		51	.85		P=0.016
	90		.93	P=0.010	55	.85		
	94		.85		60	.80		
	99		.90		67	.88		
	36505		.95		71	.90		P=0.026
	09		.90	P=0.011	76	.90		
	14		.93		79	.88		
	20		.90		83	.90		
	24		.90		88	.65		
	29		.90	P=0.018	91	.75		P=0.025
	35		.85		95	.80		
	39		.85					
2-13-74	TM74-38-2	Bridgeport Brass 14	94.82	H =	94.89	L = 94.75	.48 .50	86
	-3		94.98	H =	95.02	L = 94.94	.49 .50	86½
2-13-74	TM74-38-12	Olin Corp 54	74.51		24.80		.064 .065	91
	-13		.63		.78		.063 .064	90
	-14		.05		25.31		✓	✓
	-15		.39		.05		✓	✓
	-16		.38		.08		.064	89
	-17		.36		.18			89½
2-13-74	36600	Bronze Ingots Zn =	4.75		36630	4.83		P=0.006
	05		.80		35	.83		
	10		.80	P=0.004	40	.83		
	15		.65		45	.85		
	20		.78		50	.80		P=0.005
	25		.83		55	.80		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-13-74	36660	Bronze Ingots Zn =	4.80		36697	4.70		
	65		.90		36702	.68		
	70		.93	P=0.000	09	.75		P=0.000
	76		.88		16	.75		
	81		.85		21	.90		
	86		.80		26	.78		
	92		.80	P=0.000				
2-14-74	36729	Bronze Ingots Zn =	5.03	P=0.010	36783	4.60		
	33		.00		89	.85		P=0.005
	38		4.90		93	5.03		
	44		5.10		98	.08		
	48		4.98	P=0.010	36805	.03		
	53		5.05		09	.00		P=0.002
	59		4.60		14	.00		
	63		.73		21	4.90		
	68		.70	P=0.000	25	.95		
	74		.70		30	.88		P=0.000
	78		.73		34	.75		
2-14-74	B73-866M-18	Olin corp 54	74.40		24.97		0.063 0.064	89½
	-19		.30		25.08		0.062 0.064	89
	-20		.31		.10		0.063 0.005	90
2-14-74	36839	Bronze Ingots Zn =	4.80		36899	4.90		
	44		.73		36904	.83		
	49		.78	P=0.000	09	.73		P=0.000
	54		.75		14	.80		
	59		.80		19	.75		
	64		.75		24	.85		
	69		.80	P=0.000	29	.75		P=0.000
	74		.85		34	.75		
	79		.98		39	.90		
	84		.55		44	.50		
	89		.65	P=0.002	49	5.05		P=0.007
	94		.93					

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 850917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-15-74	36951	Bronze Ingots ZN=	4.73		37011	4.73		P=0.000
	55		.80		15	.65		
	60		.85		20	.60		
	66		.88		27	.73		
	70		.83	P=0.000	31	.70		P=0.000
	75		.65		36	.73		
	81		.68		43	.68		
	85		.68		47	.70		
	90		.65	P=0.004	52	.75		
	96		.70					
	37000		.68					
	05		.73					
2-15-74	TM74-19-28	Anaconda Brass 1#	94.71	Au =	94.77	Lo = 94.64	0.049 0.050	81
	29		94.90	Au =	94.94	Lo = 94.85	0.049 0.051	86
2-15-74	37059	Bronze Ingots ZN=	4.78		37124	4.75		
	64		.80		29	.80		P=0.000
	69		.80		35	.75		
	74		.75	P=0.001	40	.78		
	79		.90		45	.78		
	84		.70		51	.85		P=0.000
	89		.95		56	.85		
	94		.85	P=0.000	63	.75		
	99		.95		68	.85		
	37104		.85		73	.85		P=0.000
	09		.93	P=0.000	80	.70		
	14		.90		85	.98		
	19		.63					
2-19-74	37187	Bronze Ingots ZN=	4.80		37217	4.95		P=0.000
	91		.85		21	.90		
	96		.88	P=0.006	26	.90		
	37202		.90		32	.88		
	06		.85		36	.85		P=0.012
	11		.83		41	.90		

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-19-74	37247	Bronze Ingots Zn=	4.98		37279	4,85		P=0,180
	51		,90		83	,90		
	56		,90	P=0,000	88	,93		
	63		,90		91	,90		
	67		,95		95	,88		
	72		,83		37300	,88		P=0,001
2-19-74	74-41-29	Olin Corp. 25#	91.46		8,45	0.02	0.06	0.054 ✓5
	-30		,66		,25	0.01	0.07	0.054 ✓6
	-31		,58		,30	0.02	0.09	0.053 0.054 ✓
	-32		,58		,31	0.01	0.09	✓ ✓
	-33		,56		,34	0.01	0.08	✓ ✓
2-19	37304	Bronze Ingots Zn=	4,70		37369	5,10		
	09		,90		74	,08		
	14		,98		80	,05		P=0,012
	19		,85	P=0,005	85	,03		
	24		5.00		90	4.95		
	29		4,95		96	,85		
	34		,75		37401	,85		P=0,004
	39		,85	P=0,006	06	,85		
	44		,80		08	,98		
	49		5,00		13	,80		
	54		4,73		18	,90		P=0,004
	59		,70	P=0,000	25	5,10		
	64		5,08		30	4,85		
2/20	37435	Bronze Ingots Zn=	4,90		37480	4,50		P=0,015
	40		98	P=0,000	85	,50		
	45		88		90	,43		
	50		80		95	,90		
	55		90		37600	95		
	60		83	P=0,005	15	90		
	65		50		11	95		P=
	70		45		16	505		
	75		50		21	4,18		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
2/20	37527	Bronze Ingots	4.95		37514	495		
	32		85	P=0.004	49	.83		
	37		80		51	.90		P=0.013
	39		90		56	.93		
2/20	0-74-41-36	Olin Corp. 25#					0.053	
	07441-37	25#					0.054	
							0.053	
							0.054	
2/20	37560	Bronze Ingots 2nd	4.30		37636	490		P=0.000
	65		20		36	93		
	70		28	P=.006	41	95		
	75		35		46	90		
	80		30		52	83		P=0.001
	85		33		57	505		
	90		88	P=0.000	62	478		
	95		93		64	85		
	37600		5.10		69	80		
	05		488		74	85		P=0.013
	10		510	P=0.010	81	78		
	15		13		86	83		
	20		500		93	80		P=0.000
	25		493		98	83		
2/21	37701	Bronze Ingots 2nd	4.90		37766	4.90		
	06		5.10		73	.95		P=0.000
	12		.00	P=0.014	77	5.00		
	16		4.98		82	4.90		
	21		.98		89	.95		
	27		.88		93	5.03		P=0.000
	31		.95	P=0.001	98	4.78		
	36		.90		37801	.95		
	42		5.03		05	.95		
	46		.00		10	.90		
	51		4.95	P=0.002	13	.95		P=0.009
	57		5.10					
	61		.05					

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2/21	TM74-38-4	Bridgeport Brass 1¢	94.76	Hi =	94.78	Lo = 94.73	0.050	86
	-5	✓	95.17	.	95.21	95.13	0.048	85
2/21	B73-8666-21	Olin Corp 5¢	74.68		24.70		.063	90
	22	✓	.61		25.14		✓	89½
	23	✓	.45		.07		✓	90
2/21	TM74-19-30	Anaconda Brass 1¢	94.63	Hi =	94.65	Lo = 94.61	.049	86
	31	✓	95.05		95.25	.85	✓	87
	32	✓	.03		.04	95.01	.048	✓
	33	✓	94.89		94.98	94.80	.049	✓
	34	✓	.86		95.04	.70	✓	89
2/21	37818	Denver Bronze 2¢ =	5.00		37883	5.00		
	23		.00		88	.05		
	28		4.95		94	.00		P=0.006
	33		.88	P=0.002	99	.08		
	38		.98		379.4	4.85		
	43		.93		10	5.08		
	48		.90		15	4.93		P=0.005
	53		.96	P=0.009	20	5.05		
	58		5.03		27	.45		
	63		.03		32	.50		
	68		4.95		39	.03		P=0.005
	73		5.00	P=0.004	44	4.80		
	78		.10		46	5.00		
2/22	37950	Bronze Ingots 2¢ =	4.85		3800	4.93		P=0.000
	55		5.05		05	.90		
	60		4.50	P=0.002	10	.90		
	65		.53		15	.93		
	70		5.00		20	.90		P=0.003
	75		4.95		26	.95		
	80		.83	P=0.000	31	.90		
	85		.85		36	.88		
	90		.88		42	.70		P=0.002
	95		.80		47	.68		

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TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT Oz.	Dec.	RECEIVED Oz.	Dec.	DELIVERED Oz.	Dec.
2-22-74	38052	Bronze Ingots 2M	7.83		38059	4.75		
	54		.75		63	.65		P=0.000
2-22-74	38067	Bronze Ingots 2M	4.98		38127	4.88		
	72		.88		32	.88		
	77		5.03		37	.83		
	82		4.83	P=0.000	43	.90		P=0.001
	87		.85		48	5.02		
	92		.85		53	4.93		
	97		.85		59	4.90		
	38102		.80	P=0.004	64	.50		P=0.007
	07		.80		69	.75		
	12		.78		71	.70		
	17		.80		76	.95		
	22		83	P=0.000	81	.65		
2-22-74	TA74-42-5	Olin Corp 2/.00	91.48		8.41	0.02	0.08 0.089	88
2-22-74	TA74-41-34	Olin Corp 25¢	91.58		8.31	=.02	0.09 0.093	85
	-35	"	.46		.41	0.01	0.11 ✓	86
	-36	"	.56		.33	0.01	0.09 -	86½
	-37	"	.60		.28	0.02	0.09 ✓	86
2-25-74	38187	Bronze Ingots 2M	7.75	P=0.004	38248	4.70		P=0.001
	91		.98		52	.75		
	96		.78		57	.70		
	38202		.80		64	.80		
	06		.83	P=0.00-	68	.60		P=0.00-
	11		.85		73	.83		
	17		.83		76	.63		
	21		.90		80	.85		
	26		.85	P=0.004	85	.78		P=0.010
	32		.70		92	.83		
	36		.66		96	.63		
	41		.73		99	.55		
2-25-74	38301	Bronze Ingots 2M	4.50		38311	4.58		P=0.000
	06		.55		16	.85		

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
2-25-74	38321	Bronze Ingots 2M=	4.95		38377	4.83		
	26		.83		82	.75		
	31		.75	P=0.001	87	.88		
	36		.75		93	.78		P=0.000
	41		.85		98	.68		
	46		.73		38403	.80		
	51		.73	P=0.000	10	.85		
	56		.68		15	.95		P=0.000
	61		.83		22	.90		
	66		.85		27	.90		
	71		.90	P=0.000				
2-26-74	38430	Bronze Ingots 2M =	4.80		38471	5.03		
	35		.95	P=0.000	77	4.75		P=0.000
	40		.98		82	.70		
	45		.95		88	.85		
	50		.78		94	.73		
	55		.78	P=0.000	99	.85		P=0.000
	60		.73		38503	.80		
	65		.83					
2-26-74	38508	Bronze Ingots 2M =	4.75		38569	4.55		
	13		.85		74	.65		
	18		.78	P=0.009	79	5.00		P=0.000
	23		.98		85	4.90		
	28		.78		90	.93		
	33		.70		95	.98		
	38		.73	P=0.004	97	.85		P=0.000
	43		.55		38602	5.00		
	48		5.20		09	.05		
	53		4.90		14	.03		
	58		.90	P=0.014	19	4.95		P=0.012
	63		.95		24	5.03		
2-27-74	TM74-19-35	Elin Corp 1¢	95.00	Hi =	95.01	Lo =	94.99	0.0099 0.0051 87
2-27-74	TM74-38-6	Bridgeport Brass 1¢	95.03	Hi =	95.04	Lo =	95.01	0.0098 0.0057 86

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
2-27-74	38628	Bronze Ingots 2w=	4.90		38682	4.80		
	32		.73		89	.78		
	37		.75	P=0.005	93	.85		
	43		.88		98	.90		P=0.007
	47		.95		38705	.83		
	52		.85		09	.85		
	58		.93	P=0.006	14	.93		
	62		.55		17	.80		P=0.005
	67		.93		21	.78		
	73		.90		26	.78		
	77		.85	P=0.011				
2-27-74	38731	Bronze Ingots 2w=	4.93		38792	4.73		
	36		.90	P=0.016	97	.75		P=0.013
	41		.50		38802	.70		
	46		.90		08	.75		
	51		.83		13	.73		
	56		.95	P=0.009	18	.85		P=0.015
	61		.90		25	.75		
	66		.80		30	.75		
	71		80		37	.65		P=0.011
	76		80	P=0.018	40	.80		
	81		.85		44	.73		
	86		.85		49	.65		
2-28-74	38852	Bronze Ingots 2w=	5.00		38901	4.78		
	56		4.50	P=0.015	06	.50		
	61		.70		13	.73		
	67		.98		17	.55		P=0.011
	71		.88		22	.80		
	76		5.00	P=0.019	29	.73		
	82		4.88		33	.95		
	86		.73		38	.75		P=0.019
	91		.88		41	.63		
	97		.66	P=0.007	45	.65		

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
2-28-74	38950	Bronze Ingots 2N=	4.70		38957	5.05		
	53		.50	P=0.017				
2-28-74	38963	Bronze Ingots 2N=	4.68		39023	4.78		
	68		.70		28	.93		
	73		.78		33	.90		
	78		.90	P=0.002	39	.83		P=0.000
	83		.80		44	.63		
	88		.88		49	.88		
	93		.93		56	.80		
	98		.93	P=0.006	61	5.10		P=0.00[illegible]
	39003		.88		68	4.88		
	07		.95		73	.90		
	12		.80		80	.83		P=0.009
	17		.95	P=0.000	85	.93		
2-28-74	In74-19-36	Anaconda Brass 1#	94 79	14=	94.85	Lo=94.73	0.09 0.003	87
3-1-74	39087	Bronze Ingots 2N=	4.80		39148	4.90		
	91		.83		52	.85		
	96		.85		57	.98		P=0.007
	39102		.83	P=0.010	64	.98		
	06		.90		68	5.03		
	11		.90		73	.15		
	17		.90		76	.08		P=0.009
	21		5.08	P=0.002	80	.05		
	26		.03		85	4.93		
	32		4.80		88	.80		
	36		5.08		92	.93		
	41		.10	P=0.000	96	5.10		P=0.006
3-1-74	39199	Bronze Ingots 2N=	4.85		39229	4.88		
	39204		.93		34	.88		P=0.002
	09		.85	P=0.000	39	.93		
	39214		5.03	[illegible]	44	.90		
	19		4.85		49	.83		
	24		.85		54	.85		P=0.010

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

1974.

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-1-74	39259	Bronze Ingots 2N =	4.88		39288	4.85		P=0.
	64		.83		93	.78		
	70		.98	P=0.	98	.70		P=0.006
	76		.78	P=0.007	39305	.78		
	80		.80		10	.90		
3-7-72	39314	Bronze Ingots 2N =	4.88		39375	5.00		P=0.
	18		.83	P=0.003	79	4.90		P=0.000
	23		.85		84	.95		
	29		.85		91	5.03		
	33		5.00		95	4.98		
	38		.105	P=0.007	39400	5.03		P=0.005
	44		4.85		03	4.95		
	48		.98		07	.95		
	53		.98		12	5.05		
	59		.83	P=0.007	15	4.85		
	63		.93		19	.85		P=0.
	68		5.00		23	.90		
3-4-74	TM74-41-38	Olin Corp 25¢	91.46		8.40	0.03	0.10	0.053 0.054 86
	-39		91.48		8.41	0.01	0.09	0.053 0.054 86
3-4-72	39426	Bronze Ingots 2N =	5.05		39491	6.08		
	31		.00		96	.08		
	36		.00		39501	.00		
	41		4.80	P=0.004	06	.20		
	46		.73		11	.15		P=0.004
	51		.90		18	.05		
	55		.80		23	4.95		
	61		.85	P=0.000	27	5.00		
	66		5.00		30	4.28		P=0.000
	71		.05		35	.93		
	76		.05		42	.93		
	81		.15	P=0.001	47	.98		P=0.000
	86		.05					
			.00					

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	DEC.	~~OUNCES~~	DEC.
3-5-74	39549	Bronze Ingots 2w =	4.85		39610	4.58		
	54		.90		15	.60		
	59		.90	P=0.009	20	.63		P=0.003
	64		.95		26	.78		
	69		.78		31	.75		
	74		.95		36	.80		
	79		.73	P=0.004	38	.88		P=0.006
	84		.90		43	.80		
	89		.88		48	.85		
	94		.65		50	.95		
	99		.58	P=0.000	55	.75		P=0.012
	39604		.63					
3-5-74	39658	Bronze Ingots 2w =	4.93		39713	4.85		P0.009
	63		.85		19	.93		
	68		.93		24	.95		
	73		.88	P=0.001	29	.88		
	78		.93		35	5.08		P0.006
	83		.85		40	.10		
	88		5.10		45	4.98		
	93		4.80	P=0.000	52	5.08		
	98		.90		57	.23		P=0.000
	39703		.80		64	.03		
	08		.80		69	4.90		
3-5-74	Tm74-38-7	Bridgeport Brass 1 ¢	94.93	Ht =	94.94	Lo = 94.91	.049 .021	86
	8		.98		.99	.96	.050 .021	86
3-6-74	39773	Bronze Ingots 2w =	4.88		39813	4.70		
	79		.93	P=0.001	18	.70		P=0.005
	83		.90		23	.88		
	88		.88		26	.8		
	94		.90		30	.85		
	98		.80	P0.007	35	.83		
	39803		.83		38	.80		P0.011
	09		.70		42	.60		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	DEC.	~~OUNCES~~	DEC.
3-6-74	39847	Bronze Ingots 2N =	4.88		39858	4.88		P=0.007
	49		.88		61	.73		
	53		.88		66	.75		
3-6-74	39870	Bronze Ingots 2N =	4.88		39925	4.88		
	75		.85		31	.80		
	80		.83	P=0.007	36	.85		
	85		.88		41	.88		P=0.000
	90		.83		48	.63		
	95		.90		53	.93		
	39900		.85	P=0.000	60	.70		P=0.000
	05		.85		65	.73		
	10		.93		72	.55		
	15		.70		77	.63		
	20		.83	P=0.000				
3-7-74	39978	Bronze Ingots 2N =			40039			
	82			P=0.007	43			P=0.004
	87				48			
	93				55			
	97				59			
	40002			P=0.002	64			P=0.004
	08				67			
	12				71			
	17				76			
	23			P=0.007	79			
	27				83			P=0.000
	32				88			
3-7-74	TM74-41-40	Elk Corp 25 t	91.43		8.43	0.04 0.09	0.053 0.054	86
	-41		.46		.41	0.04 0.08	~	~
	-42		.43		.43	0.04 0.09	~	~
	-43		.40		.47	0.03 0.09	~	86½
	-44		.39		.48	0.04 0.08	~	86
3-8-74	TM74-19-37	Anaconda Brass 14	94.89	M =	94.89	40 =	94.89 .049 .1056	86
	-38		.76		.77		.74 .048 .049	87

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	~~DEC.~~	OUNCES	DEC.
3-7-74	40090	Bronze Ingots ZN =	4,88		40140	4.90		
	95		,93		45	,98		P=0,01
	40100		,90		51	,93		
	05		5,00	P=0,001	56	5,08		
	10		4,85		61	4,85		
	15		5,00		66	,83		P=0,001
	20		4,85		71	,63		
	25		,90	P=0,012	76	,83		
	30		5,00		83	5,00		
	35		4,95		88	4,98		P=0,000
3-8-74	40192	Bronze Ingots ZN =	4,75		40246	4,70		P=0,005
	96		,70		53	,70		
	40201		,78		57	,80		
	07		5,10	P=0,000	62	,85		
	11		,10		69	,80		P=0,021
	16		,08		73	,96		
	22		4,95		78	,85		
	26		5,10	P=0,000	81	,88		
	31		,10		87	,90		
	37		4,85		93	,90		P=0,014
	41		,68					
3-8-74	40296	Bronze Ingots ZN =	4,88		40348	5,50		P=0,000
	40300		,78		53	,50		
	05		,93	P=0,006	59	4,80		
	10		5,13		64	,93		
	15		,13		67	,78		P=0,000
	20		4,90		71	,78		
	27		5,15	P=0,000	76	,78		
	32		,18		79	,83		
	37		4,93		83	,73		
	43		5,50					
3-8-74	TM74-38-9	Bridgeport Brass Co	95,35	14	95,40	4	95,30	,047 ,050 P6

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-11-74	40386	Bronze Ingots Zn =	4.73	P=0.007	40417	4.75		
	90		.80		21	.80		
	95		.78		26	.78		P=0.001
	40401		.80		30	.93		
	05		.85	P=0.006	36	5.00		
	10		.73		40	4.93		
3-11-74	B73-866M-24	Olin Corp 54	73.76		25.59		.063 .064	90
	-25		74.21		.10		.062 .064	—
	-26		.18		.18		.064	—
	27		.91		24.63		.063 .064	—
3-11-74	40443	Bronze Ingots	4.95		40495	5.05		
	48		5.00	P=0.015	40500	.00		
	53		.00		07	.02		
	58		4.75		12	.13		P=0.001
	63		.83		19	.06		
	68		.80	P=0.009	24	.00		
	74		.85		26	4.93		
	79		5.00		31	5.03		P=0.007
	84		4.98		36	4.93		
	90		5.08	P=0.000				
3-11-74	TM74-40-1	Olin corp 104	91.40		8.31	0.09	0.11	0.041 0.042 85
	2	"1 analysis taken from	.52		.33	0.04	0.10	" "
	3	Blanks - Cut not available	.49		.32	0.08	0.10	" —
3-12-74	40538	Bronze Ingots Zn =	4.90		40589	4.75		
	43		.75	P=0.013	95	.73		P=0.000
	48		5.03		40600	.75		
	53		4.95		05	.80		
	58		.95		10	.80		
	64		.98		15	.80		P=0.006
	68		5.13		18	.70		
	73		4.95	P=0.001	20	.90		
	74		.85		22	.75		
	78		.73		27	.78		P=0.000
	84		.73					

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-12-74	40637	Bronze Ingots 2nd =	4.90		40701	4.70		
	42		.78		06	.70		
	47		.73	P=0	08	.86		P=0.013
	52		.90		13	.90		
	57		.83		19	.90		
	62		.85		20	.85		
	68		.83	P=0.006	25	.90		
	73		.85		30	.85		P=0.002
	78		.75		36	.90		
	84		.85		41	.83		
	89		.70	P=0.000	46	5.05		
	94		.65		51	.00		P=0.002
	96		.70		56	4.93		
3-13-74	40760	Bronze Ingots 2nd =	4.90		40809	4.95		P=0.001
	64		.175		14	.80		
	69		.85	P=0.000	21	.90		
	75		.95		25	.88		
	79		.93		30	.90		P=0.001
	84		.95		37	.85		
	90		.93	P=0.000	41	.98		
	94		.78		46	.85		
	99		.90		49	.95		P=0.009
	40805		.85		55	.90		
	40857		.95		40865	.85		
	61		.80		69	.73		P=0.024
3-13-74	40873	Bronze Ingots 2nd =	5.15		40914	4.88		
	79		.43		19	.83		
	84		4.83		24	.90		
	89		.90	P=0.007	30	.90		P=0.000
	94		.88		35	.90		
	99		.90		40	.80		
	40904		.70		46	.53		
	09		.90	P=0.000	51	.73		P=0.004

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
3-13-74	40956	Bronze Ingots Zn =	4.90		40975	4.78			
	63		.93		80	.68			
	68		.98		87	.80			
	70		.70	P=0.009	92	.73		P=0.002	
3-13	TM74-41-45	Olin Corp 25¢	91.34		8.53	0.03	0.08	.053 .054	87
	-46	↓	.34		.54	0.03	0.08	↓	86
3-13	TM74-42-6	Olin Corp ¢/LT	91.36		8.49	0.04	0.10	0.088	88
	7		.41		.47	0.05	0.06	↓	89
	8		.46		.45	0.01	0.06	0.088 0.089	↓
	9		.54		.34	0.04	0.06	↓	↓
	10		.41		.47	0.03	0.08	↓	↓
3-13	B73-8Cm-28	Olin Corp 5¢	74.45		25.12			.063 .064	89
	29		.30		.22			.062 .064	↓
	30		.50		.09			.063 .064	87½
	31		.34		.16			.062 .065	↓
	32		.40		.07			.063 .064	90
	33		.53		24.99			↓	89
3-13	TM74-19-39	Anaconda 1¢	94.52	H1 = 94.55	L0 = 94.48			.049 .050	86
	-40		.55		.66		.44	.049 .051	87
	-41		.73		.74		.72	↓	↓
3-14	40994	Bronze Ingot Zn =	4.95		41051	4.85			
	99		.83		55	.85		P=0.000	
	41005		.75		60	.88			
	09		.83		67	5.05			
	14		.75	P=0.012	71	.00			
	20		.85		76	.05		P=0.004	
	24		.90		81	4.75			
	29		.75		85	.83			
	35		.80	P=0.006	90	.70			
	39		.88		95	.78		P=0.000	
	44		.83						

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-14-74	41101	Bronze Ingots 2w:	5,05		41162	4.95		
	06		4.98		67	,90		
	11		5,45		73	5,30		
	16		,130	P=0,000	79	,45		P=0.000
	21		4,95		83	,25		
	26		5,35		85	,38		
	31		,50		90	,45		
	36		4,90	P=0.000	95	,25		P=0,001
	41		,95		41202	4,90		
	46		,90		07	,88		
	51		,90		10	.90		
	57		5,00	P 0,000	14	,93		P 0,000
3-15-74	41220	Bronze Ingots 2w:	4.98		41265	5,00		
	24		,85		69	4.98		
	29		.98		74	,95		P=0.000
	35		,90	P=0.000	81	,88		
	39		,95		85	,88		
	44		5,05		90	.95		
	50		,08		95	,75		P=0,000
	54		4.85	P=0.000	41301	,95		
	59		5,10		08	.85		
3-15-74	Tm 74-19-42	Anaconda Brass 14	94,50	Am =	94,51	Lo: 94 49	1048 1050	86
	43		95,01		95,10	95 03	✓	✓
	44		94.65		94.66	94 63	1049 1051	87
	45		94,78		94.82	94 74	1047 1050	86
	46		95,25		95,29	95 20	✓	87
3-15-74	41314	Bronze Ingots 2w:	4.98	P=0.000	41349	4.63		
	19		.86		54	.90		P 0.000
	24		,158		60	,90		
	29		.75		65	.93		
	34		.93	P=0.000	70	.95		
	39		,83		76	,90		P=0.001
	44		.90		81	.75		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS 1974	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
3-15-74	41386	Bronze Ingots 2N =	4.95		41405	4.75		
	88		.70		10	.85		
	93		.75		12	.58		
	98		.83	P=0.015				
3-18-74	41418	Bronze Ingots 2N =	4.95	P=0.006	41464	4.83		
	22		.90		68	.93		
	27		.80		73	.95		
	33		.95		80	.83		P=0.200
	37		.95	P=0.013	84	.88		
	42		.95		89	.85		
	48		.83		94	5.00		
	52		.85		98	4.85		
	57		.80	P=0.020	41503	.75		P=0.000
3-18-74	Tm 74-41-47	Olin Corp 25#	91.46		8.42	0.03	0.08	1053 89
	-48		.40		.48	.03	.08	1053 .054 88
	-49		.41		.48	.02	.08	" 87
3-18-74	41509	Bronze Ingots 2N =	4.90		41560	4.88		
	14		.95		65	.93		P=0.007
	19		.93		71	.88		
	24		.85	P=0.001	76	.88		
	29		5.00		81	.85		
	34		4.85		83	.93		
	39		.95		88	.93		P=0.014
	44		.85	P=0.004	95	.83		
	49		.98		41600	.90		
	55		.88		06	.90		P=0.000
3-18-74	556	Cupro Nickel Ingots	74 95		2503			
	562	Denver	80		2491			
	567		95		99			
	569		72		95			
	573		75 36		61			
	578		74 99		91			
	582		87		91			

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-18-74	588	Cupro Nickel Ingots	74	76	24	91		
	593	Denver		96	25	03		
3-19-74	41608	Bronze Ingots Zn =	4,75		41659	4,85		
	13		,88		66	5,00		
	19		,80		70	4,90		P=0,03
	23		,98		75	5,03		
	28		,95	P=0,005	78	4,95		
	34		,88		82	,95		
	38		,83		87	,98		
	43		,85		90	5,03		P=0,012
	50		,83	P=0,003	94	4,83		
	54		,88		99	5,03		
3-19-74	B73-166A-34	Olin Cupro 54	74	19	25	25	,063	81
	-35		74	30	25	09	,004 ↙	90
3-14-74	41703	Bronze Ingots Zn =	4,83		41765	4,80		
	08		,83		70	,75		
	13		,95	P=0,014	75	,75		P0,012
	18		,88		86	,93		
	23		,88		85	,80		
	28		,80		89	,83		
	33		,93	P=0,009	94	5,05		P=0,005
	38		,80		94	4,85		
	43		,95		41802	,90		
	49		,78		07	5,02		
	54		,95	P=0,007	11	4,98		
	59		,75					
3-19-74	596	Cupro Nickel Denver	74	87	24	95		
	601		75	19		80		
	606			18		72		
	610		74	91		61		
	616		75	19		59		
	622		74	76		76		
	624			87		65		
	629			91		68		
	634		75	51		46		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
3-20-74	41812	Bronze Ingots 2N =	5.05	P=0.015	41862	4.90			
	16		4.98		67	.83			
	21		.98		74	.98		P=0.	10C
	27		.95		78	.73			
	31		5.00	P=0015	83	.80			
	36		4.93		86	.85			
	42		.83		90	.95			
	46		.90		95	.85		P=0.015	
	51		.85	P=0.005	98	.90			
	58		.95		41982	.68			
3-20-74	TM74-41-50	Olin Corp 25 #	91.49		8.37	0.04	0.09	0.054	87
	51		.47		39	0.04	0.09	0.053 0.054	8C
	52		49		39	0.04	0.07	✓	✓
	53		51		36	0.03	0.09	0.054	87
	54		57		31	0.03	0.08	0.053 0.054	✓
	55		56		30	0.04	0.08	✓	86
3-20-74	41967	Bronze Ingots 2N =	4.85		41968	4.85			
	12		.86		73	5.05			
	17		.90	P=0.005	79	4.95		P=0.001	
	22		.85		84	.98			
	27		.90		89	.85			
	32		.80		91	5.05			
	37		.83	P=0.004	96	4.95		P=0.016	
	42		.83		42001	5.03			
	47		.89		08	4.93			
	52		.95		13	.98			
	57		5.05	P=0.005	18	5.05		P=0.005	
	63		4.90		22	.08			
3-20-74	TM74-38-10	Bridgeport Brass 1#	94.97	Ni =	95.04	Le = 94.86	.049 .052	86	
	11		95.69		95.80	95.68	✓	86	
3-21-74	TM74-19-47	Anaconda Brass 1#	94.72	Ni =	94.74	Le = 94.69	.049 .052	87	
	48		.63		.75	.51	✓	86	
	49		95.19		95.31	95.06	✓	88	

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT % ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED % ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED ~~OUNCES~~	DELIVERED DEC.
3-21-74	42026	Bronze Ingots 2N =	4.80		42077	4.85		
	31		.95		82	.93		
	36		.88	P=0.009	88	.78		
	41		.80		93	.75		
	46		5.00		98	.83		P=0.021
	51		4.98		42100	.73		
	56		.85	P=0.005	06	5.05		
	61		.85		12	4.93		
	66		.85		17	.93		P=0.014
	72		.90					
3-21-74	637	Engelhard Ingots Denver	75.25		2472			
	642		74.99		61			
	647			87	2503			
	650			99	2483			
	656		7528		69			
	661			16	80			
3-21-74	42119	Bronze Ingots	4.75		42275	5.00		
	24		.95		81	4.85		P=0.15
	27		.83		86	.90		
	34		.93		91	.83		
	39		.93	P=0.000	93	.98		
	44		5.00		98	.90		
	49		4.85		42203	.85		P=0.000
	54		.85		10	5.03		
	59		.85	P=0.000	15	4.93		
	65		.90		22	5.40		P=0.000
	70		.78		26	4.83		
3-21-74	TM74-42-11	Olin Corp #/00	91.45		8.42	0.04	0.8 .088 .089	88
	12		.67		.21	.03	.08 ✓	✓
	13		.34		.54	.03	.08 ✓	87½
	14		.34		.54	.04	.07 .089	87
	15		.33		.52	.06	.08 .083 .087	✓
	16		.45		.41	.06	.07 ✓	✓

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-24-74	Tm74-41-56	Olin Corp. 25¢	91,51		8,36	0.03	0.09 0.053 0.054	87
3-22-74	42228	Bronze Ingots Zn =	4,90		42274	4,80		
	33		,88		79	,83		
	38		,95		84	,88		P=0.000
	43		,75	P=0.002	90	,80		
	48		,90		95	,88		
	53		,88		42300	,83		
	58		,88		03	,98		P=0,005
	63		,85	P=0,003	08	5,00		
	68		,78		13	4,90		
3-22-74	42319	Bronze Ingots Zn =	4,78		42365	4,98		P=0, 005
	24		80	P=0,000	70	,95		
	29		,83		76	,93		
	34		,85		81	,83		
	39		,78		86	,88		P=0,007
	44		,95	P=0,002	88	,93		
	49		,80		93	5,05		
	54		5,00		96	4,88		
	60		4,93					
3-22-74	664	Cupro Nickel - Denver	74,83		2468			
	669		76		80			
	674		7505		94			
	678		7480		2510			
	684		65		2499			
	689		68		91			
3-25-74	42400	Bronze Ingots Zn =	4,90		42440	4,85		
	05		,90	P=0,007	46	,95		P=0, 013
	10		,88		51	,73		
	15		,88		56	,75		
	20		,83		62	,78		
	25		,93	P=0,000	67	,85		P=0, 013
	30		,73		72	,83		
	35		,73		74	5,03		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Cu OUNCES	GROSS WEIGHT Cu DEC.	RECEIVED Zn OUNCES	RECEIVED Zn DEC.	DELIVERED OUNCES	DELIVERED DEC.
3/25/74	42479	Bronze Ingots Zn =	4.83		4252	5.05		
	84		.85		30	.15		P=0.000
	89		.78	P=0.000	35	4.90		
	94		.83		41	.98		
	99		.83		46	.93		
	42504		.83		51	.98		P=0.000
	09		.98	P=0.000	53	.95		
	14		.83		58	.78		
	19		.93		63	.93		
3/25/74	692	Cupro Nickel Ingots	75	14	24	80		
	697	Denver		24		75		
	702		74	87		99		
	706			95		83		
	712			96	25	03		
	717		75	03	24	87		
3-26-74	42566	Bronze Ingots Zn =	4.83		42616	4.88		
	70		.96	P=0.004	21	.88		
	75		.88		28	.85		
	81		.80		32	.93		P=0.002
	85		.90		37	.95		
	90		.43	P=0.001	43	.95		
	95		.88		49	5.00		
	42600		.88		55	4.93		
	06		.83		61	.88		P=0.000
	12		.98	P=0.000				
3-26-74	Tm74-19-50	Anaconda Brass 14	95.34	Hi = 95.35	Lo = 95.32		.044 1050	88
3-26-74	B73-166a-36	Olin Corp 54	24.23		24.85		.063 1050	90
3-26-74	719	Cupro Nickel Ingots	74	76	24	80		
	724	Denver		87		76		
	729		75	03		87		
	733			34		65		
	738		74	76		76		
	743			72		83		

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RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
3-26-74	42664	Bronze Ingots 2N =	4.75		42720	5.03			
	69		.85		26	4.98			P=0.000
	74		5.00		31	5.00			
	79		4.85		36	4.98			
	84		.60	P=0.004	43	.93			
	89		5.03		48	.93			P=0.013
	94		.10		50	5.10			
	99		.13		55	.23			
	42704		.00	P=0.009	60	4.98			
	10		.10		67	5.23			P=0.002
	15		4.95		72	1.05			
3-27-74	42773	Bronze Ingots 2N =	4.98		42819	4.95			
	77		.98		23	.90			
	82		5.03		28	.95			P=0.016
	88		.05	P=0.015	35	.90			
	92		4.88		39	.95			
	97		.95		44	5.03			
	42803		.88		47	4.83			P=0.015
	07		.88	P=0.005	51	.90			
	12		.93		56	.98			
3-27-74	TM74-40-4	Old coin 10 #	91.28		8.48	0.04	0.08	.041 .042	86
	5		.28		.49	0.04	0.08	"	"
	6		.30		.51	0.05	0.09	"	"
3-27-74	747	Nickel Ingot Den	75.21		24.76				
	752		.10		.87				
	757		74.72		.87				
	761		.50		.99				
	766		.61		.41				
	771		.65		25.18				
3-27-74	42862	Bronze Ingots 2N =	4.90		42882	5.00			
	67		.85	P=0.001	87	4.98			P=0.009
	72		.73		92	5.00			
	77		.90		97	.00			

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
3/27/74	42902	Bronze Ingots 2v =	5,05		42933	4,83		
	08		4.98	P=0,006	36	.90		
	13		.83		41	.95		
	18		.90		46	.90		P=0.019
	23		.73		53	.88		
	28		.73	P=0.012	58	.95		
3-27-74 Tm74-42-17		Delia Corp 8/00	91.31		8.46	0.06	0.08	.88 .89 90
3-28-74	42961	Bronze Ingots 2v =	4.83		43007	4.85		P=0.016
	65		.95	P=0.017	11	.75		
	70		.93		16	.90		
	76		.90		22	.83		
	80		.93		27	.90		P=0.009
	85		.93	P=0.007	32	.93		
	90		.83		37	.85		
	96		.90		41	.90		
	43002		.83		46	.88		P=0.004
3-28-74 Tm74-56-1		Delia Corp 10#	91.47		8.31	0.07	0.08	.41 .42 87
3-28-74 Tm74-40-7		Delia Corp 10#	91.49		8.28	0.04	0.08	.41 .42 87
3-28-74	43050	Bronze Ingots 2v =	4.50		43106	4.78		P=0.000
	55		.63		13	.88		
	60		.95		18	.90		
	65		.78	P=0.000	23	.95		
	70		.78		25	5.13		P=0.006
	75		.90		30	.25		
	80		.85		35	.23		
	85		.90	P=0.000	42	4.95		
	90		.80		47	.95		P=0.000
	96		.73		54	.95		
	43101		.85					
3-29-74	775	Copper Nickel Ing Denver	75.16		24.83			
	790		.19		.80			
	785		74.72		25.04			
	789		.76		24.76			
	794		.68		.83			
	749		.65		.89			

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT % OUNCES	GROSS WEIGHT DEC.	RECEIVED % OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
3-28-74	T-74-19-51	Anaconda Brass 1#	94 77 /4 =		94.99	94.59	.049 .056	88
3-29-74	43157	Bronze Ingot 2W =	4.88		43208	4.78		P=0.002
	62		.95		15	.78		
	68		.95	P=0.000	19	.78		
	72		5.00		24	.73		
	77		4.98		27	.85		P=0.001
	83		.78		31	.68		
	87		.83	P=0.002	36	.80		
	92		.75		40	.98		
	99		.85		47	.83		P=0.000
	43203		.80					
3-29-74	803	Cupro nickel Ingot	74 35		25 29			
	808	Denver	99		24 83			
	813		53		25 36			
	817		81		03			
	822		83		14			
	827		81		18			
3-29-74	43250	Bronze Ingots 2W =	5.05		43301	4.95		
	55		4.73		66	.98		P=0.000
	60		.75		12	.93		
	65		.98	P=0.016	17	.90		
	70		.85		22	.88		
	75		.98		27	.95		P=0.004
	80		.90		32	5.00		
	85		.98	P=0.011	36	.03		
	90		.93		41	.03		
	96		5.00		46	4.95		P=0.015
3-29-74	~~893~~-T66M-37	Olin Corp 5#	74 19		25 05		.064	88
	38		31		24 95		.063 .064	92
	39		17		25 03		.063 .063	89
	40		17		24 89		.063 .064	91
	41		42		99		✓	90
	42		28		25 03		✓	90
	43		43		24 78		.064	91

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED ZN DEC.	DELIVERED OUNCES	DELIVERED DEC.
3/29/74	TM74-38-12	Brickplant Brass 14	94	89	95.23 Lo	94.53		0.049 0.056 86
4/1/74	43347	Bronze Ingots Zn =	4.98		43393	4.75		
	52		.95		98	.80		
	58		.93		43405	.90		
	62		.95		09	.80		P=0.06
	67		.95	P=0.006	14	.85		
	73		.85		17	.88		
	77		.75		21	.88		
	82		.80		26	.88		
	88		.75	P=0.004	29	5.00		P=0.000
4-1-74	43430	Bronze Ingots Zn =	4.70		43476	4.80		
	35		.80		81	.80		
	40		.90		86	.90		
	45		.68		92	.70		P=0.014
	50		.75	P=0.015	97	.65		
	55		.80		43502	.73		
	60		.85		04	.70		
	65		.75		09	.68		
	70		.88	P=0.015	14	.83		P=0.018
4-1-74	829	Cupro Nickel Ingots Denver	74	68	25	21		
	834			46		21		
	839			85		14		
	843			24		58		
	848			76	24	76		
	853			99		87		
4-2-74	43516	Bronze Ingots Zn =	4.88		43556	4.78		P=0.004
	21		.95		64	.70		
	26		.88		67	.75		
	31		.95		72	.78		
	36		.95	P=0.008	78	.80		P=0.115
	41		.90		83	.60		
	46		.60		88	.70		
	51		.70		90	.73		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 866917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	~~DEC.~~	~~OUNCES~~	DEC.
4-2-74	43595	Bronze Ingots	4,78		43607	4,85		
	43600		,70	P=0.001	12	,80		
	02		,90					
4-2-74	Tm74-35-1	Anaconda Brass 1¢	94,96	4i =	95,07	4i = 84,85	.049 .060	87
4-2-74	Tm74-56-2	Olin Corp 10¢	91 47		8 32	0.06 0.12	.041 .042	86
4-2-74	Tm74-42-18	Olin Corp ¢/oz	91 43		8 34	0.04 0.08	.089	88
4-2-74	855	Asarco Nickel	74 76		25 14			
	860	Denver	31		43			
	865		75 00		24 99			
	868		74 46		25 14			
	873		46		06			
	878		76		03			
4-2-74	43613	Bronze Ingots ZN =	4,50		43658	4,95		P=0,013
	18		,50	P=0,005	63	5,05		
	23		,65		69	4,78		
	28		,50		74	,78		
	33		,53		79	,53		P=0,003
	38		,63	P=0,007	85	,78		
	43		,65		90	,50		
	48		,80		95	,80		
	53		,75		43706	,73		P=0,000
4-3-74	43707	Bronze Ingots ZN =	4,73		43709	4,70		
	12		,70		74	,75		
	17		,68		79	,75		
	22		,75	P=0,007	81	,75		P=0,015
	27		,70		86	,75		
	32		,73		91	,75		
	37		,68		93	,83		
	42		,73	P=0,004	98	,85		
	47		,78		43803	,85		P=0,020
	55		,60					
	58		,70					
	63		,80	P=0,006				

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
4-3-74	43868	Bronze Ingots Zn=	4,78		43854	5.00		
	13		,75		59	,05		
	18		,95		65	,10		P=0,003
	23		5,00	P=0,008	70	,15		
	28		4,75		75	,05		
	33		5,00		80	4,93		
	38		,00		85	,95		P=0,012
	43		4,95	P=0,008	90	5,10		
	49		,98		95	,05		
4-3-74	881	Cupro Nickel	74,72		2483			
	886	Ingots Denver	39		2521			
	891		99		2483			
	896		7505		94			
	901		17		82			
	906		06		91			
4-4-74	43897	Bronze Ingots-Zn=	4,65		43954	4,75		
	43902		,75		59	,75		
	07		,80	P=0,004	64	,75		
	12		,83		66	,75		P0015
	17		,73		71	,65		
	22		,83		76	,78		
	26		,75	P=0,006	79	,85		
	32		,80		83	,80		
	38		,75		88	,83		P=0,012
	43		,70		91	,60		
	48		,75	P=0,006	96	,85		
4-4-74	44000	Bronze Ingots Zn=	4,85		44035	4,73		
	05		,78		40	,70		
	10		,70	P=0,006	45	,88		
	15		,70		50	,50		P=0,005
	20		,83		55	,90		
	25		,23		61	,85		
	30		,73	P=0,002	66	,83		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550017

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.	
4-4-74	44071	Bronze Ingots 2N =	4,75	P=0,005	44094	4,65		P=0,004	
	77		,78		99	,80			
	82		,75		44106	,88			
	87		,70		11	,88			
	89		,70						
4-5-74	44115	Bronze Ingots	4,65	P=0,013	44163	4,68			
	20		,68		70	,73			
	24		,55		74	,63			
	28		,85		79	,63		P=0,014	
	33		,75		86	,65			
	39		,80	P=0,010	91	,73			
	43		,73		96	,60			
	48		,70		44200	,80		P=0,011	
	54		,58		04	,75			
	58		,70	P=0,014	09	,85			
4-5-74	TM74-42-19	~~Bronze Ingots~~ Olin #100 =	91,38		8,47	0,06	0,07	0,088 0,087	88
	20		,48		,40	0,05	0,07	✓	✓
	21		,46		,35	0,04	0,07	✓	✓
4-5-74	TM74-19-52	Anaconda Brass 18	94,57 Ni =		94,63 Zn =		94,51	0,049 0,052	87
4-5-74	44213	Bronze Ingots 2N =	4,80		44268	4,83			
	19		,78	P=0,019	74	,75		P=0,009	
	23		,80		79	,78			
	28		5,25		87	,75			
	33		,10		90	,78			
	38		,00	P=0,006	95	,78		P=0,007	
	43		,20		44310	,75			
	48		4,95		07	,70			
	53		,95		12	,70		P=0,009	
	58		,73	P=0,006	19	,73			
	63		,80	P					
4-8-74	TM74-57-1	Olin Corp 50 #	91,34		8,39	0,03	0,06	0,068	87
	-2		,24		,54	0,03	0,07	0,068 0,067	88
	-3		,29		,53	0,03	0,07	✓	✓

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4-8-74	44320	Bronze Ingots Zn=	4,68		44374	4.78		
	23		5,13		79	,50		P=0.011
	29		4,65		84	,68		
	33		,70		90	,65		
	38		,78	P:0.012	95	,80		
	44		,65		44400	,73		P 0.013
	48		,75		03	,80		
	53		,50		09	,83		
	59		,75	P=0.015	15	,65		
	63		,70		19	,75		P=0.010
	68		,55					
4-8-74	44421	Bronze Ingots Zn=	4,85		44482	4,75		P=0.007
	26		,80		87	,83		
	31		,63		92	,80		
	36		,73		99	,70		
	41		,70	P=0,006	44504	,80		P0.012
	46		,83		09	,80		
	51		,70		11	,70		
	56		,68		16	,80		
	61		,93	P=0.009	21	,83		
	66		,63	P=0	23	,93		P=0,004
	71		,80		28	,78		
	76		,80		33	,75		
4-8-74	Tm 74-40-8	Olin Corp 10 f	91.43		8,38	0.06	0.07	041 1042 86
	9		,38		,35	0.05	0.06	✓ ✓
4-9-74	44538	Bronze Ingots Zn=	4,78		44578	4.95		
	43		5,26	P=0.012	83	,85		P0.013
	48		4,58		88	,78		
	53		,88		93	,93		
	58		,89		99	4,55		
	63		,80	P=0.010	44604	,86		P=0.013
	68		,93		09	,90		
	73		,93		15	,85		

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U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550017

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
4-9-74	44620	Bronze Ingots Zn=	4.73		44639	4.80		
	25		.78	P=0.010	44	.78		P=0.007
	27		.80		49	.88		
	32		.70					
4-9-74	Tm74-38-13	Bridgeport Brass 14	95.06	Hi=	95.06	Lo=95.05	0.049 0.051	86
	14		94.73		94.83	94.63	0.049	87
4-9-74	44650	Bronze Ingots Zn=	4.73		44716	4.85		
	55		.73		21	.90		
	60		.68		27	.83		P=0.005
	65		.93	P=0.010	32	.83		
	70		.85		37	.80		
	75		.95		44	.83		
	80		.98		49	.83		P=0.010
	85		.83	P=0.013	51	.73		
	90		.83		56	.88		
	95		.83		62	.85		
	44700		5.05		67	.80		P=0.003
	05		4.60	P=0.006	72	.85		
	11		.90					
4-9-74	Tm74-38-15	Bridgeport Brass 14	95.22	Hi=	95.45	Lo=95.01	.050	85
4-9-74	Tm74-35-2	Anaconda Brass 19	94.98	Hi=	95.03	Lo=94.92	.048 .050	87
	3		94.92		94.94	94.89	.049 .050	87
4-9-74	B73-86M-44	Olin Corp. 54	74.58		25.14		0.063 0.064	89
	45		.41		.18		0.063 0.064	✓
	46		.59		24.87		✓	90
	47		.37		25.03		0.064 0.065	89
	41		.29		24.97		0.063 0.064	90
	49		.77		.20		0.063 0.066	88
	50		.60		.52		0.063 0.064	90
4-16-74	44794	Bronze Ingots Zn=	4.80		44794	4.73		
	79		.90		99	.80		
	84		.68		44804	.78		
	89		.80	P=0.015	09	.78		P=0.015

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT	DEC.	RECEIVED		DELIVERED	
			~~OUNCES~~		~~OUNCES~~	~~DEC.~~	~~OUNCES~~	DEC.
4-10-74	44814	Bronze Ingots	4,65		44840	4.70		
	19		68		46	.80		
	24		75		51	.90		
	30		.65	P:0.013	56	.90		P:0.013
	35		65		58	.83		
4-10-74	44862	Bronze Ingots 2N	4,93		44923	4.93		
	67		.90		28	5.20		
	72		.90	P:0.010	33	4.98		P:0.006
	77		.90		39	.89		
	82		.90		44	.88		
	87		.95		49	.83		
	92		.90	P:0.014	56	.85		P:0.006
	97		.95		61	.90		
	44902		.90		68	5.03		
	07		5.00		73	4.85		
	12		4.88	P:0.005	75	.83		P:0.026
	17		.95		80	.80		
4-10-74	Tm74-38-16	Bridgeport Brass 1¢	95 16		Hi = 95.20 Lo = 95.11		0.049	86
4-10-74	~~BTB~~ 86m-51	Olin Corp 5¢	74 61		2471		0.056 0.064	87
	52		74 58		2443		0.065 0.003	92
	53		74 52		2502		0.064 ↓	91
4-11-74	44983	Bronze Ingots 2N	4.83		45044	4.80		
	88		.80		49	.80		
	93		.80	P:0.008	54	.75		P:0.002
	98		.85		60	.80		
	45003		.78		65	.75		
	08		5.28		70	.80		
	13		4.75	P:0.012	75	5.23		P:0.012
	18		.85		80	.15		
	23		.85		84	4.78		
	28		.80					
	33		.78	P:0.003				
	38		.78					

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TREASURY DEPARTMENT
U. S. MINT SERVICE

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RECEIPT AND DELIVERY OF BULLION

1974

U.S. GOVERNMENT PRINTING OFFICE: 664917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
4-11-74	45086	Bronze Ingots 2W=	4,60		45147	4,88			
	91		,68		52	,83			
	96		,53	P=0.011	57	,93		P=0.012	
	45101		,63		63	,83			
	06		,73		68	,85			
	11		,70		73	,95			
	16		,70	P=0.005	75	,85		P=0.006	
	21		,70		80	,90			
	26		,65		85	,85			
	31		,83		92	,95			
	36		,90	P=0.013	97	5,00		P=0.004	
	41		,85		45204	4,73			
4-11-74	Tn74-57-4	Olin Corp 50 t	91,53		8,19	0,03	0,07	0,069	88
	-5		,50		,31	0,03	0,09	0,068 0,067	88
4-12-74	45206	Bronze Ingots - 2W =	4,75		45267	4,85			
	10		,90		71	,90			
	15		,78	P=0.006	76	,93		P=0.007	
	21		,78		83	,93			
	25		,93		88	5,08			
	30		,78		92	,00			
	36		,85	P=0.010	95	,00		P=0.007	
	40		,90		99	4,70			
	45		,70		45307	,93			
	51		,95		11	,95			
	55		,95	P=0.007	16	,85		P=0.009	
	60		5,00						
4-12-74	45317	Bronze Ingots 2W =	4,75		45352	4,73			
	22		,80		57	5,02		P=0.004	
	27		,80		62	4,90			
	32		,65		67	,90			
	37		,95	P=0.003	72	,85		P=0.004	
	42		,88		78	,93			
	47		,95		83	,85			

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC. Zn	DELIVERED OUNCES	DELIVERED DEC.
4-12-74	45388	Bronze Ingots Zn =	4.90		45406	4.98		
	94		.95		11	4.95		
	99		.93	P=0.003				
4-12-74	TM74-35-4	Anaconda Brass Co	94 82	14	= 94 90	Lo = 94.74	0.050	86
4-15-74	45416	Bronze Ingots Zn =	4.75		45446	4.93		
	21		.93	P=0.000	52	.85		
	26		5.03		57	.90		
	31		.10		62	.93		P=0.006
	36		4.95		67	.85		
	41		.85	P=0.009				
4-15-74	45470	Bronze Ingots Zn =	4.80		45525	4.70		
	75		.85		31	.70		
	80		.80	P=0.008	36	.70		
	85		.85		41	.73		P=0.005
	90		.85		47	5.13		
	95		.88		52	.13		
	45500		.83	P=0.007	57	.10		
	05		.83		62	4.80		P=0.013
	10		.86		67	.90		
	15		.65		72	.80		
	20		.68	P=0.004				
4-16-74	TM74-40-10	Olin Corp 10%	91.42		8.41	0.66	0.10	0.041 86
	11	✓	.29		.36	0.05	0.11	0.042 ✓
4-16-74	45579	Bronze Ingots Zn =	4.68		45629	4.80		
	84		.90	P=0.007	34	.83		
	89		.83		40	.83		
	94		.70		45	.83		P=0.012
	99		.53		50	.83		
	45604		.60	P=0.010	56	4.73		
	09		.55		61	.83		
	14		.65		66	.50		P=0.014
	19		.55		70	.80		
	24		.75	P=0.011	75 80	.75 .78		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

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U. S. GOVERNMENT PRINTING OFFICE 850917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4-16-74	45683	Bronze Ingots 2M =	4.75		45738	4.95		
	88		.70	P=0.015	44	.95		
	93		.60		49	.95		P=0.005
	98		.78		54	.90		
	45703		5.00		60	5.00		
	08		4.83	P=0.010	65	4.85		
	13		5.15		70	.95		P=0.003
	18		.10		77	.93		
	21		4.93		82	5.00		
	28		.78	P=0.005	89	4.95		P=0.007
	33		5.00		94	.93		
4-17-74	45798	Bronze Ingots 2M =	4.83		45852	4.78		
	45802		.80		57	.78		
	07		.80	P=0.011	63	.70		
	13		.60		68	.75		P=0.013
	17		.80		75	.93		
	22		.85		80	.85		
	28		.90	P=0.006	85	.88		
	32		.88		90	.95		P=0.009
	37		.85		95	.80		
	43		.80		99	.90		
	47		.70	P=0.014				
4-17-74	45904	Bronze Ingots 2M =	4.70		45954	4.98		
	09		.85	P=0.014	60	5.03		
	14		.60		65	.00		
	19		.75		70	5.03		P=0.010
	24		.68		76	4.90		
	29		.68	P=0.014	81	.93		
	34		.73		86	.80		
	39		.75		88	.93		
	44		5.00		93	5.00		P=0.007
	49		.00	P=0.010				

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT % ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED %	RECEIVED ~~DEC.~~ Zn	DELIVERED ~~OUNCES~~	DELIVERED DEC.
4/18/74	45998	Bronze Ingots Zn =	4.93		36.53	4.83		P=0.01
	46003		.80		58	.78		
	08		.80		64	.78		
	13		.83	P=0.012	69	.63		
	18		.78		74	.89		P=0.010
	23		.75		80	.83		
	28		.70		85	.90		
	33		.73	P=0.015	90	.88		
	38		.78		97	.93		P=0.015
	43		.75		46.02	.60		
	48		.80					
4/18/74	Tm74-35-5	Anaconda 1 ¢	94.80	1/2 = 94.94	lb = 44.66		0.050	84
	-6		91	.92			89 ✓	✓
4-18-74	46104	Bronze Ingots Zn =	4.60		46.49	4.70		
	09		.55		54	.90		
	14		5.08		59	.75		P=0.006
	19		4.75	P=0.010	65	.83		
	24		.70		70	.88		
	29		.98		75	.96		
	34		.70		80	.66		P=0.004
	39		.70	P=0.011	86	.83		
	44		.80		89	3.85		
4-18-74	B73-86m-54	Dlm Corp 5 ¢	74	39	25.10		0.064 0.065	89
4-18-74	Tm74-40-12	Dlm Corp 10 ¢	91	43	8.30	0.05	0.12 0.04 0.42	86
	-13			.42		.34	0.64 0.13 ✓	85
	-14			.39		.24	0.04 0.12 ✓	85
4-19-74	46194	Bronze Ingots Zn =	5.05		46.27	4.73		
	99		4.70		33	.68		
	46203		.68	P=0.005	37	.75		
	07		.78		42	.70		P=0.004
	12		.65		48	.78		
	18		.60		52	.85		
	22		.70	P=0.006	57	.88		

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TREASURY DEPARTMENT
U. S. MINT SERVICE

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RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE — 850017

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4-19-74	46264	Bronze Ingots 2N =	4.73	P=0.008	46280	4.85		
	68		.85		85	.83		P=0.012
	73		.75		90	.88		
4-19-74	46292	Bronze Ingots 2N =	4.78		46342	5.03		
	97		.85		47	.05		P=0.002
	46302		.83		53	.10		
	07		.73	P=0.002	58	.00		
	12		.85		63	.00		
	17		5.08		69	.15		P=0.000
	22		4.90		74	.03		
	27		.90	P=0.002	79	.05		
	32		.83		86	4.90		
	37		.98					
4-22-74	46389	Bronze Ingots 2N =	4.68	P=0.001	46443	4.85		
	93		.80		50	.93		P=0.001
	98		.75		54	.58		
	46404		.78		59	.90		
	08		.70	P=0.007	66	.83		
	13		.83		71	.85		P=0.008
	19		.83		75	.85		
	23		.85		78	.90		
	28		.83	P=0.004	82	.80		
	34		.75		87	.90		
	38		.73					
9-22-74	Tw74-35-7	Anaconda Brass 14	94.97	Ni =	95.29	La = 94.70	0.049 0.050	86
	-8		56		94.61		0.048 0.050	87
	-9		93		97		0.050 0.051	86
	-10		84		88		0.049 0.050	86
	-11		82		98		0.050 0.051	87
4-22-74	Tw74-38-17	Bridgeport Brass 14	95.01	Ni =	95.05	La = 94.96	0.049 0.050	85
	18		94.73		94.83	63	"	86
	19		93		.96	90	0.048 0.050	86

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4-22-74	46492	Bronze Ingots Zn =	4,75		46549	5,10		
	97		,73	P=0.013	53	,20		
	46502		,75		58	,18		P=0.005
	07		,80		63	,28		
	12		,78		69	4,90		
	17		,80	P=0.018	74	,95		
	22		,69		81	,98		P=0.003
	27		,83		86	,85		
	32		,70		92	,90		
	39		,95	P=0.005	96	,93		
	42		5,15	P=0.	46661	,80		P=0.014
4-23-74	46605	Bronze Ingots Zn =	4,75		46650	4,70		
	09		,80		54	,68		
	14		,85		59	,78		P=0.013
	20		,83	P=0.005	66	,73		
	24		,68		70	,80		
	29		,70		75	,88		
	35		,73		82	,90		P=0.013
	39		,78	P=0.004	86	,93		
	44		,78		91	,90		
4-23-74	46697	Bronz Ingots Zn =	5,15		46752	5,20		
	46702		,13	P=0.004	58	4,83		
	07		4,98		63	5,00		P=0.008
	12		5,15		68	,10		
	17		,10		74	4,98		
	22		,13	P=0.027	79	,98		
	27		,10		84	,83		P=0.017
	32		4,98		89	,80		
	37		5,10		94	,78		
	42		,00	P=0.006	99	,90		
	47		,23					

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
4-24-74	Tm74-66-1	Bridgeport Brass 1q	94 82	14 =	94.89	20 = 94	75	0.045 0.050 86
	-2		95 16		95.24	95	06	" "
	-3		94 98		95.07	94	88	" "
4-24-74	46801	Bronze Ingots 2q	4.70		46854	5.15		
	05		.73	P=0.008	55	4.98		
	10		.90		62	.85		
	16		.80		66	.88		P=0.008
	20		.80		71	.95		
	25		.80	P=0.010	78	.83		
	31		.80		83	.75		
	35		.83		88	.85		P=0.007
	40		.83		90	.73		
	46		5.00	P=0.008	95	.83		
4-24-74	46895	Bronze Ingots 2q	4.90		46954	4.90		
	46904		.80		60	.88		
	09		.90	P=0.009	65	.85		
	14		.85		70	.75		P=0.009
	19		.75		76	5.00		
	24		.80	P=0.009	81	4.85		
	29		.85		88	.85		
	34		5.03		93	.90		P=0.019
	39		4.98		98	.88		
	44		.93		47005	.85		
	49		5.00	P=0.013	10	.70		
4-25-74	47012	Bronze Ingots 2q =	4.73	P=0.004	47061	4.80		
	16		.78		66	.70		
	21		.73		73	.88		P=0.017
	27		.68		77	.75		
	31		.78	P=0.008	82	.75		
	36		.68		89	.78		
	42		.75		94	.90		P=0.017
	46		.75		99	.80		
	51		.80	P0.008	47101	.83		
	57		.75		05	.93		
					10	.75		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
4-25-74	Tm 74-56-3	Olin Corp 10¢	91	48	8	32	0.09	0.041 0.042 86
4-25-74	Tm 74-57-13	Olin Corp 50¢	91	42	8	45	0.09	0.068 0.069 87
	-14	"		43		43	0.03	0.09 ✓ 86
	-15	"		53		33	0.04	0.09 ✓ 82
4-25-74	47114	Bronze Ingots 2N =	5.08	P=0.032	47175	4.55		P=0.010
	19		.10		80	.78		
	24		.105		85	.80		
	29		4.80		91	.75		
	34		.75	P=0.016	96	.75		P=0.007
	39		.80		47201	.82		
	44		.80		08	.70		
	49		.65		13	.95		
	54		.80	P=0.012	15	.78		P=0.018
	57		.80		20	.70		
	64		.73		25	.75		
	69		.85					
4-25-74	B73 86m-55	Olin Corp 5¢	74	39	24	97	0.063 0.064	89
	-56			47		93	0.064 0.065	✓
	-57			43	25	05	0.063 0.064	✓
4-26-74	47227	Bronze Ingots 2N =	4.68		47272	4.68		
	32		.60		77	.50		P=0.012
	37		.78	P=0.010	82	.58		
	42		.73		86	.58		
	47		.75		43	.53		
	52		.70		98	.60		P=0.014
	57		.70	P=0.013	47304	.73		
	62		.70		09	.80		
	67		.60		14	.70		
4-26-74	FM74-57-7	Olin Corp 50¢	91	40	8	40	0.03 0.09	0.068 0.069 88
	8			42		44	0.04 ✓	✓ 87
	9			41		16	0.04 ✓	✓ 88
	10			50		36	0.05 ✓	✓ ✓
	11			40		27	0.04 ✓	0.068 ✓
	12			55		26	0.04 ✓	0.068 ✓

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
4-26-74	47316	Bronze Ingots 2M=	4,70		47371	5,03		
	21		,75	P=0,006	77	4,90		
	26		,70		82	,98		P=0.010
	31		,75		87	5,13		
	36		,50		93	4,73		
	41		,73	P=0,007	98	,80		
	46		,75		47403	,75		
	51		,78		05	,75		P=0.015
	56		,70		10	,85		
	61		5,08	P=0.007	15	,83		
	66		,03					
4-29-74	47421	Bronze Ingots 2M=	5.00		47466	4,83		P=0.011
	26		4,80	P=0.011	71	,80		
	31		5,00		76	,80		
	36		4,93		82	,93		
	41		5.00		87	,80		P=0.011
	46		4,98	P=0.007	92	,70		
	51		,80		98	,95		
	56		,90		47603	,95		
	61		,90		08	,98		P=0.015
4-29-74	47512	Bronze Ingots 2M=	4,65		47573	4.73		
	17		,50		78	,78		
	27		,65	P=0.003	83	,88		
	32		,75		89	,65		P=0.015
	37		,65		94	,68		
	42		,60		99	,68		
	47		,70	P=0.002	4764	,50		
	52		,70		66	,75		P=0.003
	57		,65		11	,78		
	62		,80		13	,63		
	67		,75	P=0.002	18	,75		
4-30-74	74-66	4 Bridge Port Brass 14	95 16	Ht =	95.58	Ht = 94.78	0.049	86
		5	94 80		94.83	94.76	0.049	86

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED ~~OUNCES~~	DELIVERED DEC.
4-30-74	47621	Bronze Ingots Zn=	4,65		47666	4,68		P=0.008
	26		,63	P=0.	71	,65		
	31		,63		76	,83		
	36		,65		82	,75		
	41		,58		89	,75		P=0.006
	46		,68	P=0.012	92	,70		
	51		,70		98	,75		
	56		,65		47703	,86		
	61		,70		08	,75		P=0.008
4-30-74	47709	Bronze Ingots Zn=	4,85		47770	4,70		P=0.004
	14		,75		75	,83		
	19		,80		80	,73		
	24		,93		86	,83		
	29		,75	P=0.008	91	,73		P=0.004
	34		,90		96	,90		
	39		,80		98	,70		
	44		,80		47803	,70		
	49		,80	P=0.010	08	,73		
	54		,83		15	,85		P=0.
	59		,75		20	5,10		
	64		,78					
5-1-74	47823	Bronze Ingots Zn=	4,68		47873	4,80		
	28		,75		79	,70		P=0.011
	33		,75	P=0.015	84	,80		
	38		,78		89	,88		
	43		,78		95	,95		
	48		,73		47900	,80		P=0.013
	53		5,10		05	,90		
	58		4,78	P=0,015	12	,88		
	63		,90		16	,75		
	68		,70					
5-1-74	1974-57-16	Delivery 504	91	41	8,46	0,05	0,07	0,002 0,004 ✓ 88
	-17		91	40	8,30	0,05	0,07	81

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 850917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.	
5-1-74	47917	Bronze Ingots 2N=	4.60		47967	4.75			
	22		.68	P=0.008	72	.73			
	27		.60		78	.70			
	32		.75		83	.70		P=0.006	
	37		.73		88	.65			
	42		.60	P.0.018	94	.70			
	47		.73		99	.83			
	52		.80		48006	.68		P=0.007	
	57		.85		11	.83			
	62		.78	P=0.007	16	.85			
5-1-74	Tm74-56-4	Olin Corp 104	91.48		8.28	0.06	0.06	0.042	87
	-5		.50		.32	0.05	0.06	✓	✓
	-6		.48		.39	0.05	0.06	✓	86
	-7		.40		.37	0.05	0.06	0.041 0.042	✓
5-2-74	48020	Bronze Ingot 2N=	4.93		48075	4.88			
	25		.70	P=0.010	81	.93			
	30		.83		86	.85		P=0.015	
	35		5.05		91	.83			
	40		4.85		97	.68			
	45		.85	P=0.008	48102	.73			
	50		5.00		07	.68		P=0.016	
	55		.25		11	.78			
	60		.10		16	.88			
	65		4.88	P=0.013	21	5.08			
	70		.93						
5-2-74	Tm74-69-1	Olin Corp 14	94.76	Hi=	94.79	Lo=	94.72	0.049 0.050	87
	-2		82		86		.78	✓	✓
	-3		67		75		.59	0.049 0.051	86
	-4		88		91		.84	0.049 0.050	✓
	-5		72		72		.72	✓	87
	-6		80		86		.74	✓	✓
5-2-74	Tm74-65-1	Chase Brass 19	94.80	Hi=	94.93	Lo=	94.66	0.048 0.050	86

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~Ounces~~	GROSS WEIGHT Dec.	RECEIVED ~~Ounces~~	RECEIVED Dec.	DELIVERED ~~Ounces~~	DELIVERED Dec.
5-2-74	48126	Bronze Ingots 2W=	4,90	P=0,011	48181	4,85		
	31		,90		87	,88		P=0,006
	36		,85		92	5,23		
	41		,90		97	4,95		
	46		,83	P=0,004	48203	,95		P=
	51		,90		07	,73		P=0,009
	56		5,20		13	,93		
	61		4,85		17	,80		
	66		,93	P=0,007	22	,85		
	71		,85		26	,90		P=0,004
	76		,83					
5-3-74	48229	Bronze Ingots 2W=	4,53		48284	5,10		
	34		,75		90	4,65		P=0,015
	39		,65		95	,65		
	44		,63		48300	,65		
	49		,63	P=0,003	06	,70		
	54		,80		11	,60		P=0,013
	59		,58		16	,78		
	64		,58		21	,70		
	69		,55	P=0,003	26	,78		
	74		,73		31	,60		P=0,009
	79		,60					
5-3-74	48335	Bronze Ingots 2W=	4,80		48385	4,65		
	40		,75		90	,73		P=0,009
	45		,70		96	,68		
	50		,65	P=0,003	48401	5,28		
	55		,70		06	4,65		
	60		,83		12	5,23		P=0,007
	65		,75		17	4,95		
	70		,73	P=0,002	22	,55		
	75		,68		29	,58		P=0,015
	80		,60					

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 856917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT	DEC.	RECEIVED		DELIVERED	
			~~Ounces~~		~~Ounces~~	~~DEC~~	~~Ounces~~	DEC.
5-6-74	48432	Bronze Ingots 2N =	4.70		48482	4.70		
	37		.73		88	.78		
	42		.78		93	.75		P=0.011
	47		.78		98	.68		
	52		.78	P=0.007	48504	.78		
	57		.78		09	.78		
	62		.60		14	.68		P=0.024
	67		.70		19	5.15		
	72		.78	P=0.011	23	4.88		
	77		.78					
5-6-74	48525	Bronze Ingots 2N	4.85		48575	4.63		P=0.006
	30		.73		80	.82		
	35		.78	P=0.009	86	.60		
	40		.70		91	5.08		
	45		.75		96	4.73		P=0.004
	50		.70		48602	.83		
	55		.75	P=0.011	07	.80		
	60		.75		12	.80		
	65		.75		19	5.00		P=0.045
	70		.75		24	4.88		
5-7-74	48625	Bronze Ingots 2N =	4.55		48679	5.10		P=0.009
	29		5.20		85	4.68		
	34		4.80		90	.73		
	39		.75	P=0.012	95	.73		P=0.013
	44		.75		48701	.60		
	49		.73		06	.59		
	54		.73		11	5.50		
	59		.85	P=0.013	16	4.73		P=0.006
	64		.73		21	.65		
	69		.70		25	.88		
	74		.93		31	.90		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
5-7-74	48734	Bronze Ingots 2N=	4.79		48789	4.78		
	39		.69	P=0.008	95	.73		
	44		.80		48800	.70		P=0.004
	49		.83		05	.68		
	54		.73		11	.80		
	59		.95	P=0.010	16	.65		
	64		5.00		21	.60		P=0.006
	69		4.83		28	.75		
	74		.90		33	.55		
	79		.75	P=0.006	39	.73		
	84		.75		44	.80		P=0.011
5-8-74	48846	Bronze Ingots 2N=	4.80		48895	4.55		
	50		.75		48901	.55		
	55		.60		07	.58		P=0.014
	61		.65		11	.53		
	65		.70	P=0.015	16	.55		
	70		.78		20	.65		
	76		.85		25	.60		P=0.013
	80		.80		29	.58		
	85		.75	P=0.006	34	.68		
	91		5.45		39	.68		
5-9-74	TM74-67 -7	Olin Corp 14	94 77	Hi =	94.77	Hi = 94.76	0.048 0.036	87
	-8		94		95.03	.84	0.048 0.050	86
5-9-74	48942	Bronze Ingots 2N=	4.60		48992	4.90		
	47		.73	P=0.007	97	.88		
	52		.85		49003	.93		
	57		.75		08	.95		P=0.006
	62		.60		13	.95		
	67		.75	P=0.006	19	.75		
	72		.60		24	.90		
	77		5.00		29	.70		P=0.003
	82		4.50		31	60		
	87		.95	P=0.007	36	65		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5-8-74	49141	Bronze Ingots Zn=	4.90		49048	5.00		P=0.011
	44		5.00					
5-9-74	49050	Bronze Ingots Zn=	4.63		49095	4.60		
	55		58		49100	.60		
	60		60		05	.63		
	65		70		11	.65		P=0.013
	70		.63	P=0.006	16	.63		
	75		.65		21	.65		
	80		.65		27	.73		
	85		.68		32	.60		P=0.009
	90		.68	P=0.006	37	.65		
5-9-74	TM74-57-18	Olin Corp 50 #	91.44		8.23	0.04	0.05 0.068 0.069	87
5-7-74	TM74-56-8	Olin Corp 10 #	91.45		837	0.06	6.08 0.042	87
	9		44		33	0.08	0.08 0.041 0.042	✓
	10		57		28	0.07	0.08 ✓	✓
	11		56		24	0.08	0.07 ✓	✓
	12		39		32	0.12	0.08 ✓	86
	13		37		36	0.06	0.05 ✓	✓
	14		38		39	0.15	0.05 ✓	✓
	15		49		41	0.05	0.05 0.041	✓
	16		40		22	0.13	0.04 ✓	87
	17		40		22	0.06	0.05 0.041 0.042	✓
5-9-74	49141	Bronze Ingots Zn=	4.70		49187	4.68		
	46		.75		92	.80		P=0.003
	51		.75	P=0.008	97	5.03		
	56		.55		49203	4.98		
	62		.70		08	5.05		
	67		.75		13	4.90		P=0.004
	72		.85	P=0.002	19	.80		
	76		.98		24	.75		
	81		.98		27	.78		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED ~~OUNCES~~	DELIVERED DEC.
5-9-74	Tm74-66-6	Bridgeport Brass 1 &	94	86 Hi =	94.99	Lo = 94	73	0.049 0.050 86
	7			88	.90		86	" "
	8		95	02	95.07		96	" "
	9		94	89	.00		78	" 85
5-10-74	49230	Bronze Ingot Zn =	4,50		49285	4,83		
	35		.73	P=0.006	91	.83		
	40		.73		96	.65		P=0.005
	45		.85		49301	.75		
	50		.85		07	.78		
	55		.90	P=0.007	12	.85		
	60		.89		17	.75		P=0.012
	65		.88		21	.85		
	70		.85		25	.75		
	75		.98	P=0.005	29	.75		
	80		.93					
5-10-74	Tm74-66-10	Bridgeport 1 &	95	02 Hi =	95.07	Lo = 94.92	0.049 0.050	86
5-10-74	Tm74-67-9	Olin Corp 1 &	94	76 Hi =	94.84	Lo = 94.68	0.049 0.050	87
	10	"		76	.78	.73	"	"
	11	"		54	.77	.32	—	"
5-10-74	49331	Bronze Ingots Zn =	4,80		49386	4,70		
	36		.83	P=0.007	92	.75		
	41		.73		97	.75		P=0.005
	46		.83		49402	.80		
	51		.80		08	.58		
	56		.73	P=0.006	13	.55		
	61		.78		18	.55		P=0.003
	66		.75		20	.80		
	71		.65		25	.75		
	76		.78	P=0.010	30	.98		
	81		.78					

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550017

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5-13-74	49431	Bronze Ingots 2N =	4.95		49480	4.65		P=0.011
	35		.70		85	.65		
	40		.70	P=0.009	92	.65		
	46		.63		96	.70		
	50		.65		49501	.65		P=0.006
	55		.60		08	.55		
	61		.65	P=0.013	12	.65		
	65		.60		17	.65		
	70		.55		28	5.45		P=0.007
	76		.65		24	4.60		
					29	.73		
5-13-74	49531	Bronze Ingots 2N =	4.80		49591	4.83		
	36		.70		96	.83		
	41		.83	P=0.015	49601	.78		P=0.015
	46		.63		07	.78		
	51		.63		12	.65		
	56		.65		19	5.40		
	61		.63	P=0.007	23	4.65		P=0.006
	66		.55		28	.70		
	71		.78		33	.85		
	76		.63		35	.93		
	81		.63	P=0.007	40	.40		P=0.003
	86		.58		45	5.08		
5-14-74	49649	Bronze Ingots 2N =	4.65		49698	4.63		P=0.020
	53		.60		49703	.65		
	58		.70	P=0.009	09	.75		
	63		.65		14	.70		
	68		.70		19	.75		P=0.008
	73		.73		25	.68		
	78		.65	P=0.022	30	.75		
	83		.73		35	.78		
	88		.70					
	93		.66					

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~Ounces~~ %	DEC.	~~Ounces~~ %	~~DEC.~~ 2N	~~DEC~~ 2N	DEC.
5-14-74	TM74-67-12	Olin Corp 14	94.76	Hi =	94.79	Lo = 94.73	0.049 0.050	86
5-14-74	TM74-65-2	Chase Bank 14	94.97	Hi =	94.99	Lo = 94.94	0.048 0.050	85
5-14-74	49740	Bronze Ingots 2N =	5.20	P=0.003	49805	4.85		
	45		.18		10	.90		
	50		4.80		16	.88		
	55		5.25		21	5.00		P=0.014
	60		4.83	P=0.000	26	4.98		
	65		5.30		32	.83		
	70		.00		37	.80		
	75		.00		42	.90		P=0.006
	80		4.85	P=0.005	47	.70		
	85		.95		52	.60		
	90		5.00		57	.80		
	95		.05		62	.95		P=0.004
	49800		4.88	P=0.011				
5-15-74	49864	Bronze Ingots 2N =	4.78		49909	4.73		
	69		.85		14	.80		
	74		80		19	.75		
	79		5.20		24	.73		P=0.013
	84		4.85	P=0.007	29	.70		
	89		.75		34	.63		
	94		.70		40	.80		
	99		.78		45	.65		P=0.012
	49904		.80	P=0.007	50	.70		
5-15-74	TM74-66-11	Bradyfort 14	94.93	Hi =	94.98	Lo = 94.87	0.049 0.050	86
	12		95.30		95.67	94.91	↙	↙
5-15-74	TM74-56 18	Olin Corp 10 4	91.35		8.36	0.08 6.07	0.041 0.042	85
	19		.42		.29	0.09 0.07	↙	↙
	20		.53		.21	0.10 0.06	↙	↙
	21		.48		.26	0.09 0.06	↙	↙
	22		.47		.32	0.07 0.06	↙	↙

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TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
5-15-74	49956	Bronze Ingots ZN=	4.80		50016	4.80		
	61		.78		21	.68		
	66		.93	P=0,009	26	.95		P=0,009
	71		.95		32	.73		
	76		5.25		37	5.25		
	81		4.70		42	4.95		
	86		.80	P=0,005	48	5.28		P=0,010
	91		.80		53	.00		
	96		.90		58	4.98		
	50001		.80		62	5.10		
	06		.78	P=0.006	67	.05		P=0.003
	11		.78		72	.10		
5-16-74	50077	Bronze Ingots ZN=	5.18		50117	4.75		
	82		.03		22	.80		
	87		.25	P=0.016	27	.75		P=0,012
	92		4.75		32	.83		
	97		5.10		37	.78		
	50102		4.75		42	.80		
	07		.78	P=0,014	48	.78		P=0.009
	12		5.48		53	.75		
5-16-74	50154	Bronze Ingots ZN=	4.80		50219	5.23		
	59		.90		24	.25		
	64		.78		30	.20		P=0.011
	69		5.10	P=0.006	35	.25		
	74		4.90		40	.15		
	79		5.03		46	4.85		
	84		.10		51	.98		P=0.005
	89		.00	P=0.007	56	.90		
	94		.05		60	.93		
	99		4.80		65	.20		
	50204		5.03		70	.93		P=0.012
	09		.05	P=0.007				
	14		.18					

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
5-17-74	50275	Bronze Ingots Zn =	4.95		50319	4.98		
	79		.93		24	5.00		
	84		.90		29	4.90		P=0.009
	89		.95	P=0.007	34	.55		
	94		.93		39	.85		
	99		.90		44	.80		
	50304		.98		49	.80		P=0.003
	09		.90	P=0.009	55	.93		
	14		.93		60	.95		
					65	.68		
5-17-74	50371	Bronze Ingots Zn =	5.15	P=0.007	50416	4.85		
	76		.20		21	.90		
	81		.05		26	.75		
	86		4.85		31	.80		P=0.008
	91		.85	P=0.008	36	.80		
	96		.90		41	.75		
	50401		.93		47	.93		
	06		.83		52	.73		P=0.007
	11		.85	P=0.016	57	.78		
5-20-74	50462	Bronze Ingots Zn =	4.80		50501	4.85		
	66		.80		07	5.08		
	71		.90	P=0.012	11	.00		P=0.014
	77		.90		16	.13		
	81		.75		20	4.83		
	86		.85		26	.80		
	92		5.05	P=0.014	31	.80		P=0.013
	96		.10					
5-20-74	50536	Bronze Ingots Zn =	4.60		50566	4.73		
	41		.60		71	.70		P=0.004
	46		.60		76	.60		
	51		.85	P=0.003	81	.85		
	56		.75		86	.60		
	61		.83		91	.85		P=0.007

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5-20-74	50597	Bronze Ingots Zn=	4.85		50623	4.90		
	50602		.90		25	.78		
	07		.93		30	.75		
	13		.95	P=0.007	35	.68		P=0.000
	18		.90					
5-21-74	50638	Bronze Ingots Zn=	4.65		50673	4.95		P=0.012
	43		.65		78	.95		
	48		.88		83	.93		
	53		.88	P=0.014	88	.75		
	58		.95		93	.65		P=0.008
	63		.85		98	.93		
	68		.85		50703	.85		
5-21-74	50707	Bronze Ingots Zn=	5.03		50798	4.93		
	12		.03	P=0.005	50803	.83		
	17		.08		08	.83		
	22		.03		15	.83		P=0.017
	27		4.80		20	.85		
	32		.95	P 0.007	25	.85		
	37		5.05		30	.75		
	42		.10		35	.89		P=0.016
	47		4.95		40	.78		
	52		.90	P=0.013	45	.80		
	57		.95		50	.75		
	62		.98		55	.80		P=0.016
	68		.90		60	.80		
	73		5.00	P=0.014	65	.80		
	76		4.85		70	.78		
	84		.90		76	.90		P=0.010
	89		.85		81	.86		
	94		.80	P=0.004	86	.88		
5-22	50892	Bronze Ingots Zn=	4.50		50907	4.60		
	97		.65	P=0.001	12	.83		
	50902		.60		17	.85		P=0.006

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5-22-74	50922	Bronze Ingots ZN=	5,05		50963	4,90		
	27		,13		69	5108		
	32		4,83		74	4,95		
	37		,85	P=0.005	79	,90		P=0.006
	42		,98		84	,78		
	47		,90		89	,88		
	53		,90		94	,85		
	58		,95	P=0,004	99	,95		P 0,004
5-22-74	TAM4-66-13	Bridgeport Brass 19	94.90	Hi=	94.90	Lo= 94.90	2.049 0.050	86
	-14		95,00		95,04	94.95	0.048 0.050	87
	-15		94,87		94,92	94,85	0.049 0.050	86
5-23-74	51007	Bronze Ingots ZN=	4,88		51052	4,90		
	12		,58		56	,60		
	16		,90		61	,83		P=0.019
	22		,85	P=0.004	66	,75		
	27		,53		70	,83		
	31		,80		75	,78		
	37		,90		81	,80		P=0,000
	41		,93	P=0.018	86	,73		
	46		,95					
5-23-74	51089	Bronze Ingots ZN=	4,95		51139	4,88		P=0,018
	94		,80		44	,85		
	99		,90	P=0.017	49	,95		
	51104		,85		54	,88		
	09		,98		59	5,00		P=0.005
	14		,90		64	4,90		
	19		,90	P=0.013	69	5,00		
	24		,88		74	,00		
	29		,75		81	4,80		P=0,012
	34		,73					
5-24-74	51185	Bronze Ingots ZN=	4,78		51200	4,75		P 0,009
	90		,55		05	,50		
	95		,80		10	,55		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
5-24-74	51215	Bronze Ingots Zn.	4.70		51245	4.53		
	20		.75	P=0.008	50	.75		
	25		.70		55	.70		
	30		.73		61	.68		P=0.008
	35		.70		66	.65		
	40		.75	P=0.006				
5-24-74 Tm 74-56-23		Olin Corp 10 ct	91.49		8.18	0.09	0.06 0.04 0.042	86 1/2
5-24-74	51272	Bronze Ingots Zn.	5.00		51317	5.03		
	77		.00		22	4.95		P=0.005
	82		.03	P=0.004	27	.88		
	87		4.95		32	.65		
	92		.90		37	.75		
	97		5.05		42	.70		P=0.005
	51302		4.95	P=0.010	48	.68		
	07		.90		53	.68		
	12		.85		58	.60		
5-28-74	51366	Bronze Ingots Zn.	4.60	P=0.002	51411	4.93		
	70		.80		15	.83		
	75		.68		20	.98		
	81		.75		26	.80		P=0.005
	85		.73	P=0.004	30	.70		
	90		.80		35	.78		
	96		.80		42	.58		
	51400		.85		46	.75		P=0.005
	05		.85	P=0.014				
5/28/74	51449	Bronze Ingots Zn.	5.00		51494	4.60		
	54		4.95		99	.68		P=0.008
	59		.90		51505	5.10		
	64		.93	P=0.004	10	4.95		
	69		.98		15	.98		
	74		.88		21	5.08		P=0.009
	79		.93		26	.03 .00		
	84		.65	P=0.008	31 36 41 46	.00 .03 .03		P=0.001
	89		.65					

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
5/29/74	5/1550	Bronze Ingots 2N -	4.90		5/1595	4.70		
	55		.70		5/1600	.53		
	60		.90		05	.53		P=0.015
	65		.95	P=0.012	10	.80		
	70		.90		15	.80		
	75		.80		20	.83		
	80		.60		26	.91		P=0.021
	85		.68	P=0.014	31	.83		
	90		.60		36	.85		
5/29/74	TM74-65-3	Chase Bronze 1¢	95	00	Hi = 95.07	Lo = 94.92	0.047 0.052	86
5/29/74	TM74-67-13	Olin Corp 1¢	94	79	Hi = 94.80	Lo = 94.77	0.049 0.050	86½
	-14			57	.80	.39	✓	87
	-15			60	.66	.54	✓	✓
	-16			94	.99	.88	✓	85
	-17			91	.93	.88	0.050	87
	-18		95	05	95.16	.93	0.049 0.050	✓
	-19		94	68	94.75	.60	✓	86
5/29/74	5/1641	Bronze Ingots 2N -	5.00		5/1691	4.95		
	46		.10	P=0.008	96	.95		
	51		.10		5/1702	5.05		
	56		.05		07	.10		P=0.002
	61		.08		12	.25		
	66		.10	P=0.008	17	.10		
	71		4.90		22	.08		
	76		5.00		27	.08		P=0.002
	81		.00		32	.03		
	86		.08	P=0.009				
5/30/74	5/1741	Bronze Ingots 2N -	4.70		5/1771	5.00		
	46		.85	P=0.006	76	.95		
	51		4.80		81	.98		
	56		.93		86	.95		P=0.012
	61		.85		91	.95		
	66		.80	P=0.007	96	.93		

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DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~OUNCES~~	DEC.	~~OUNCES~~	~~DEC.~~	~~OUNCES~~	DEC.
5/30/74	51801	Bronze Ingots 2N=	4.95		51817	5.50		
	06		.95	P=0.005	22	5.00		
	11		.95		27	4.75		P=0.007
5/30/74	51833	Bronze Ingots 2N=	5.10		51883	4.58		
	38		.20		88	.85		P=0.014
	43		4.98		93	.85		
	48		.85	P=0.014	98	.95		
	53		.88		51904	.85		
	58		.93		08	.93		P=0.008
	63		.73		13	.88		
	68		.83	P=0.014	19	.93		
	73		.78		23	.93		
	78		.83					
5/31/74	51932	Bronze Ingots 2N=	4.75	P=0.016	51997	4.80		
	36		.90		81	.75		
	41		.90		86	.80		
	47		.86		92	5.03		P=0.015
	51		.85	P=0.007	96	4.95		
	56		.80		52001	5.00		
	62		.98		08	4.83		
	66		.80		12	.93		P=0.014
	71		.90	P=0.010				
5/31/74	52014		4.85		52064	4.95		P=0.004
	19		.90		69	.98		
	24		.93	P=0.007	74	.70		
	29		.95		79	.50		
	34		5.03		84	.68		P=0.004
	39		5.00		89	.50		
	44		4.78	P=0.005	94	.60		
	49		.90		99	.68		
	54		.85		52104	.90		P=0.000
	59		.85		10	.98		

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~Ounces~~	GROSS WEIGHT DEC.	RECEIVED ~~Ounces~~	RECEIVED ~~Dec.~~	DELIVERED ~~Ounces~~	DELIVERED DEC.
6/3/74	52113	Bronze Ingots 2N=	4.80	P=0.010	52158	4.73		
	17		.80		62	.80		
	22		.85		67	.68		
	28		.90		73	.55		P=0.004
	32		.78	P=0.007	77	.80		
	37		.70		82	.95		
	43		.80		89	.80		
	47		.90		93	.95		P=0.002
	52		.83	P=0.005				
6/3/74	tm74-57-19	Olin Corp 50 #	91.10		8.33	0.03	0.06	0.069 89
	-20		.46		.31	0.04	0.05	0.068 0.069 87
	-21		.50		.37	0.03	0.06	✓ 87
	-22		.42		.47	0.03	0.07	✓ ✓
	-23		.48		.41	0.04	0.06	✓ ✓
	-24		.40		.49	0.04	0.06	✓ 88
	-25		.60		.29	0.04	0.06	✓ 86
	-26		.57		.20	0.04	0.07	✓ 87
	27		.56		.33	0.04	0.06	✓ 89
6/3/74	52196	Bronze Ingots 2N=	4.75		52241	4.83		
	52201		.75		46	.70		
	06		.75		51	.80		P=0.014
	11		.73	P=0.016	56	.83		
	16		.75		61	.88		
	21		.80		67	.70		
	26		.73		72	.83		P=0.008
	31		.78		77	.90		
	36		.73	P=0.014				
6/4/74	52279	Bronze Ingots 2N=	4.65		52309	4.68		
	84		.85		14	.79		P=0.010
	89		.85		19	5.13		
	94		.75	P=0.013	24	4.75		
	99		.70		29	.73		
	52304		.63		34	.80		P=0.013

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.	
6/4/74	52339	Bronze Ingots 2N=	4.78		52355	4.85		P=0.008	
	44		.80		60	.90			
	50		.75						
6/4/74	TN74-66-16	Bridgeport 1/4	95 06		Ni= 95.12	No= 94.99	0.049 0.050		75
	-17		94 98		.23	.74	↓		86½
	-18		95 46		.53	95.38	↓		87
	-19		00		.08	94.91	↓		↓
	-20		94 55		94.94	.28	↓		85
	-24		95 01		95.02	.99	↓		86
6/4/74	52366	Bronze Ingots 2N=	5.15		52421	4.63			
	71		.10		26	83			
	76		.25	P=0.000	31	85			
	81		.50		36	98		P=0.000	
	86		4.70		42	.90			
	91		.70		47	5.03			
	96		5.50	P=0.010	52	.08			
	52401		4.70		58	4.85		P=0.002	
	06		.83		63	88			
	11		.75		68	5.03			
	16		.70	P=0.004					
6/5/74	52473	Bronze Ingots 2N	4.80		52513	4.75			
	78		.93	P=0.002	18	5.03		P.O. N.S.	
	83		.70		23	5.00			
	88		.75		28	4.98			
	93		5.25		34	98			
	98		4.85	P=0 N.S.	39	5.00		P=0.002	
	52503		80		44	05			
	08		.80						
6/5/74	52548	Bronze Ingots 2N	4.90		52573	5.00			
	53		.85		78	4.93		1 P=0.014	
	58		.85	P=0.014	83	.78			
	63		5.40		88	.90			
	68		.25		93	.75			

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
6/5	52598	Bronze Ingots 2N	4.90	P=.004	52628	4.93		
	52603		.90		33	5.00		
	08		5.00		38	4.88		P=0.005
	13		4.80		43	5.15		
	18		.95	P=0.012	48	4.95		
	23		.90					
6/4/74	TM-74-65-4	Chase 1#					0.049	86
	TM-74-65-5	" 1#					0.050	86.5
	TM-74-624	Bridgeport 1#						86
6/6	52656	Bronze Ingots 2N	4.85		52690	4.55		
	55		.85		95	.75		
	60		.75	P=0.010	52700	.78		P=0.011
	65		.90		01	.93		
	70		.75		05	.98		
	75		.70		10	.90		
	80		.75	P=0.012	15	.93		
	85		.55		21	.85		P=0.010
6/4	52723	Bronze Ingots 2N	5.05		52768	4.78		
	28		4.90		73	.75		
	33		5.03		78	.78		
	38		4.98		83	.95		P=0.018
	43		.90	P=0.011	88	.65		
	48		.98		93	5.10		
	53		.80		98	4.65		
	58		.70		52803	.60		P=0.007
	63		.98	P=0.014				
6/6	TM74-67-20	Olin Corp 1#	94.75	Hi = 94.79	Lo = 94.71		0.049	87
	4		.73		82		0.050	✓
	-22		95.01		95.04		0.048	86
	-23		94.93		94.96		0.051	✓
	-24		95.03		95.09		✓	✓
	-25		94.85		94.93		0.050	87
	-26		.97		.97		0.049	86½
	-27		95.02		95.15		0.050	86

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
6/6	Tm 74-17-28	Olin Corp - 1¢	94 48	1ti =	94.55	ho = 94.41	94.41	8L
	-29		84		.88		.79	" "
	-30		69		.81		.56	" "
	-31		78		.80		.76	" "
6/7	52805	Bronze Ingots 2N=	5.00		52840	4.85		
	10		4.90		45	.80		P=0.010
	15		.90		50	.83		
	20		.88		55	.75		
	25		.93	P=0.007	60	.85		
	30		.80		65	.70		P=0.005
	35		.83		70	.83		
6/7	27	Bronze Medals 9%	90 40			9.60		
	28		89 00			10.95		
	29		90 89			9.10		
	30		35			.65		
	31		25			.75		
	32		42			.58		
	33		89 95			10.05		
	34		90 30			9.70		
	35		25			.75		
	36		30			.70		
	37		10			.90		
	38		35			.65		
	39		22			.78		
	40		35			.65		
	41		10			.90		
6/7	52876	Bronze Ingots 2N=	4.80		52915	4.80		
	80		.80		20	.95		
	85		5.00	P=0.005	25	.95		P=0.007
	90		.05		30	.95		
	95		.05		33	.98		
	52900		.05		38	.88		
	05		4.95	P=0.006	43	.98		P=0.005
	10		.70		48	.88		
					53	.99		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT ~~OUNCES~~	GROSS WEIGHT DEC.	RECEIVED ~~OUNCES~~	RECEIVED ~~DEC.~~	DELIVERED ~~OUNCES~~	DELIVERED DEC.
6/10/74	52957	Bronze Ingots Zn-	4.75		52991	4.80		
	61		.58	P:0.009	96	.75		
	66		.83		53002	.80		P:0.015
	72		.75		06	.70		
	76		.63		11	.78		
	81		.73	P:0.020	17	.70		
	87		.86		21	.85		P:0.006
6/10/74	53025	Bronze Ingots Zn-			53080			P:0.008
	30				85			
	35				90			
	40			P:0.004	95			
	45				53100			P:0.011
	50				05			
	55				10			
	60			P:0.006	15			
	65				20			P:0.007
	70				25			
	75							
6/10/74	TM74-57-28	Olin Corp 50#	91.31		8.44	0.06	0.06	0.04 88
	-29		.34		.46	0.07	0.05	✓ ✓
	-30		.42		.43	0.05	0.05	✓ ✓
	-31		.49		.33	0.04	0.05	✓ ✓
	-32		.46		.42	0.05	0.04	✓ ✓
	-33		.20		.65	0.05	0.06	✓ ✓
6/10/74	TM74-56-24	Olin Corp 10#	91.45		8.39	0.04	0.05	0.04 0.07 86
	-25		.46		.39	0.07	0.05	✓ ✓
	-26		.57		.33	0.05	0.05	✓ ✓
	-27		.49		.27	0.06	0.05	✓ ✓
6/10/74	53130	Bronze Ingots Zn=	4.73		53155	4.88		
	36		.85		60	.65		
	40		5.25		66	.90		
	45		4.95		70	.85		P:0.018
	51		.90	P:0.019	75	.85		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/11/74	53181	Bronze Ingots 2N=	4.65		53197	4.75		
	85		5.03		53201	.63		
	90		4.63	P=0.012				
6/11/74	53203	Bronze Ingots 2N=	4.98		53248	5.10		
	08		.78		53	4.80		P=0.006
	13		.68	P=0.006	58	5.13		
	18		.90		63	4.90		
	23		.95		68	.65		
	28		.85		73	.75		P=0.012
	33		5.03	P=0.007	78	.90		
	38		.08		83	.73		
	43		.00		88	.88		
6/12/74	53290	Bronze Ingots 2N=	4.85		53325	4.80		
	95		.90	P=0.009	30	.83		
	53300		.88		35	5.00		P=0.003
	05		.80		40	4.95		
	10		.78		45	.95		
	15		.83	P=0.015	51	5.30		
	20		.75		56	.03		P=0.000
6/12/74	53358	Bronze Ingots 2N=	4.88		53403	4.88		
	63		.88		08	.90		
	68		.83		13	.90		
	73		5.05		18	.83		P=0.009
	78		.03	P=0.007	23	.93		
	83		4.85		28	5.05		
	88		.98		33	4.55		
	93		.78		38	.55		P=0.004
	98		.95	P=0.007				
6/13/74	53437	Bronz Ingots 2N=	4.80		53461	4.78		
	41		.65		67	.93		
	46		.70		71	.83		
	52		.75		76	.88		P=0.016
	56		.58	P=0.015	82	.63		

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DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT	DEC.	RECEIVED	DEC.	DELIVERED	DEC.
6/13/74	53486	Bronze Ingots 2N=	4.95		53507	4.65		
	91		.68		12	.83		
	98		.68	P=0.004	18	.75		P=0.010
	53502		.80					
6/13/74	TM74-65-4	Chase Brass 1¢	94.98	Hi =	95.03	Lo = 94	92	0.049 0.050 86
	-5 ✓		.75		94.75		74 ✓	86½
6/13/74	TM74-67-32	Olin Corp 1¢	94.89	Hi =	94.89	Lo = 94	84	86
	33		.83		.83		83	87
	34		.74		.78		69	86½
	35		.29		.43		89	87
	36		.99		95.02		95	86
	37		.65		94.66		64	86
6/13/74	TM74-56-28	Olin comp 10¢	91.27		8.37	0.05	0.06	0.041 0.042 85
	29		.46		.38	0.07	0.06 ✓	✓
	30		.41		.32	0.05	0.06 ✓	86
	31		.32		.43	0.06	0.05 ✓	85
	32		.38		.41	0.05	0.06 ✓	86
	33		.30		.38	0.05	0.05 ✓	✓
	34		.35		.47	0.05	0.04 ✓	86½
6/13/74	53523	Bronze Ingots 2N=	4.70		53573	4.63		
	28		.70		78	5.00		P=0.016
	33		.65		83	4.85		
	38		.70	P=0.015	88	.90		
	43		.65		93	.90		
	48		.75		98	.85		P=0.015
	53		.75		53603	.90		
	58		.90	P=0.016	08	.85		
	63		.60		13	.75		
	68		.80					
6/14/74	53614	Bronze Ingots 2N=			53633			
	17			P=0.015	38			P=0.015
	24				42			
	28				47			

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/14/74	53652	Bronze Ingots 2M=			53666			
	56			P=0.015	70			
	61				75			P=0.010
6/14/74	Tm74-67-38	Dlr coop 1¢	94 80	Hi =	94.81	Lo = 94.78	0.049 0.050	87
	39		69		,70	,68	0.050	✓
	40		78		,79	,77	✓	✓
	41		68		,70	,66	0.049 0.050	90
	42		64		,69	,59	0.050	88
	43		58		,60	,56	0.049	86
6/14/74	Tm74-66-22	Bridgeport 1¢	9496	Hi =	95,08	Lo = 94.75	0.049 0.050	85
	-23		9561		,24	,82	0.050	87
	-24		9465		94.95	,38	0.049 0.050	86
6/14/74	53686	Bronze Ingots 2M=	4,85		53731	4.90		
	91		,80		36	,85		P=0.017
	96		,80	P=0.017	41	5,00		
	53701		,85		46	4.88		
	06		,85		51	,78		
	11		5,43		56	,90		P=0.022
	16		4,80	P=0.015	61	,85		
	21		5,05		66	5,05		
	26		4,68		71	4,95		
6/17/74	53772	Bronze Ingots 2M=	4,60		53819	4,70		P=0.020
	77		,75	P=0.010	22	,78		
	82		,60		27	5,20		
	87		,70		32	4,80		
	92		,78		37	,90		P=0.014
	97		,70	P=0.014	42	,58		
	53802		,75		48	,60		
	07		,80		53	,75		
	12		,75					
6/17/74	53857	Bronze Ingots	4,70	P=0.015	53871	4.95		P=0.009
	62		,68		76	,88		
	67		,68		81	5.00		

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	GROSS WEIGHT DEC.	RECEIVED OUNCES	RECEIVED DEC.	DELIVERED OUNCES	DELIVERED DEC.
6/7/74	53885	Bronze Ingots Zn=	4.90		53899	4.70		
	90		.83	f=0.008	53904	.80		
	95		.88		09	.83		f=0.009
6/18/74	53913	Bronze Ingots Zn=	4.63		53943	4.70		
	17		.65		47	.80		f=0.016
	22		.50		52	.70		
	28		.70	f=0.006	58	.88		
	32		.50		62	.75		
	37		.70		66	.80		f=0.015
6/18/74	Tm74-66-25	Bridgeport Brass 14	94.95	14 95.	19	Lo= 94.71	0.079 0.050	86
	-26		.93		.01	.94		85
6/18/74	Tm74-65-C	Chase Brass 14	94.86	Hi=	94.96	Lo= 94.75	0.049 0.050	86
6/18/74	53969	Bronze Ingots Zn=	4.95		53997	4.90		
	74		.90		54002	.85		
	79		.83		07	.83		f=0.016
	83		.80		11	.90		
	88		.80	f=0.015	16	.88		
	93		.83		21	.75		
6/19/74	54022	Bronze Ingots Zn=	4.65		54045	4.65		f=0.010
	25		.75	f=0.015	50	.90		
	30		.70		55	.90		
	35		.55		60	.85		
	40		.75		65	.90		f=0.014
6/19/74	54067	Bronze Ingots Zn=	4.90		54095	4.80		
	72		.65		54100	.80		
	77		.90		05	.95		f=0.010
	81		.55		09	.75		
	86		.90	f=0.014	14	.85		
	91		.83		19	.78		
6/20/74	54123	Bronze Ingots Zn=	4.65	f=0.012	54143	4.85		f=0.007
	28		.78		48	.75		
	33		.85		53	.75		
	38		.68		58	.73		

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 850917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.	
6/20/74	54163	Bronze Ingots Zn=	4,95	P=0.009	54173	4.75			
	68		,78						
6/20/74	Tm74-57-34	Olin Corp 504	91	38	8	44	0.10	0.07	0.068 88
	-35			45		41	0.05	0.08	0.068 ✓
	-36			37		44	0.07	0.07	✓ 87
	-37			35		42	0.14	0.07	✓ 88
	-38			43		38	0.11	0.07	✓ 87
	-39			38		46	0.08	0.07	0.068 ✓
	-40			36		44	0.11	0.08	0.068 88
	-41			47		34	0.11	0.07	✓ 89
6/20/74	54176	Bronze Ingots Zn=	4,75		54204	4.90			
	80		,65	P=0.006	09	,93			
	86		,68		14	,88			
	90		,95		18	,83			
	95		,63		23	,85		P=0.014	
	54200		,80	P=0.611	28	,88			
6/21/74	54232	Bronze Ingots Zn=	4,55		54262	4,75		P=0.014	
	37		,73		67	,80			
	42		,75	P=0.007	72	,85			
	47		,63		77	,85			
	52		,75		82	,80		P=0.014	
	57		,80		87	,85			
6/21/74	Tm74-67-44	Olin Corp. 1#	94	68	Hi= 94,73	Lo= 94	63	0.048 0.050	87
	-45		95	00	95,05		94	✓	✓
	-46			09	,12	95	06	0.049 0.050	✓
	-47		94	99	,07	94	91	✓	86
6/21/74	Tm74-66-27	Bridgeport, Brass 1#	95	11	Hi= 95,23	Lo= 94.9	8	0049 0051	86
	-28			12	,15	95.0	9	0049 0058	86
6/21/74	54292	Bronze Ingots Zn=	4.55		54316	4.75			
	97		,75		22	,58		P=0	
	54302		,55	P=0.	27	,68			
	06		,65		32	,90			
	11		,70						

RECEIPT AND DELIVERY OF BULLION

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
6/24/74	54335	Bronze Ingots Zn=	5,10		54355	5,15		
	40		4,75		60	,25		
	45		5,40	P=0.	65	4.95		P=0.
	50		,20					
6/24/74	TM74-65-7	Chase Brass 1¢	94	83 Ni=	94.90	Lo=94.76	0.045 0.051	87
6/24/74	TM74-56-35	Olin Corp 10¢	91.32		8.54	0.06	0.07 0.011 0.042	86
	-36		91.48		8.40	0.05	0.06 ✓	✓
6/25/74	54369	Bronze Ingots Zn=	4,93		54395	5.25		
	74		,90		54400	,25		
	79		,90		05	4.75		P=0,009
	85		50	P=0,004	10	,75		
	90		5,30					
6/26/74	54413	Bronze Ingots Zn=	5,15		54428	5,03		
	18		4,80		34	,83		
	23		5,05	P=0.004				
6/24/74	TM74-57-42	Olin Corp-50¢	91,35		8.47	0.09	0.07	0.045 0.042 88
6/27/74	54440	Bronze Ingots Zn=	5,00		54461	4.85		
	45		4,98	P=0.004	66	,88		P=0.008
	50		5,00		72	,90		
	55		4,80		78	,95		
6/27/74	TM74-56-37	Olin Corp 10¢	91.37		8.46	0.06	0.06	0.041 0.042 87
	38		,44		,39	0.08	0.06 ✓	✓
	39		,35		,28	0.06	0.07 ✓	✓
	40		,44		,34	0.07	0.08 ✓	✓
	41		,39		,38	0.09	0.07 ✓	✓
	42		,41		,43	0.08	0.07 ✓	84
	43		,41		,41	0.09	0.08	0.041 86
6/28/74	TM74-67-48	Olin Corp 1¢	94	93 Ni=	94.93	Lo=94	92	0.049 0.050 87
	49		95	00	95.12		88 ✓	✓
	50		94	89	94.91		87 ✓	✓
	51		95	08	95.18		98	0.047 0.050 ✓
	52		94	79	94.80		77	0.049 0.050 ✓
	53			94	,96		92 ✓	

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 550917

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED		
			~~Ounces~~ Oz	DEC.	~~Ounces~~ Oz	~~Dec.~~ Dec.	~~Ounces~~ Ounces		DEC.
6/28/74	TM74-67-54	Delin Corp 14	94 87	Hi =	94.87	Lo = 94	87	0.049 0.050	86
	-55		83		90		75	✓	87
	-56		74		77		70	✓	86
	-57		77		78		76	0.048 0.050	87
6/26/74	TM74-66-29	Bridgeport Brass 14	94 91	Hi =	94.98	Lo = 94	83	0.049 0.050	87
	30		95 23		95.27	95	18	✓	86
	31		94 82		.18	94	47	✓	85
	32		83		94.92		73	0.048 0.050	86

End of Fiscal Year

1974

End of the book

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

Form 183
TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

U. S. Government Printing Office 550917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			Ounces	Dec.	Ounces	Dec.	Ounces	Dec.

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

Form 183
TREASURY DEPARTMENT
U. S. Mint Service

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 550917

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			Ounces	Dec.	Ounces	Dec.	Ounces	Dec.

RECEIPT AND DELIVERY OF BULLION

25-38

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

7/1/21 —

INGOTS: PHILIPPINE,

TAIWAN: Strip Coin

FORM 183

RECEIPT AND DELIVERY OF BULLION

Page 1 – 10	Taiwan, 1962-1963 NT$	1973
Pag 11	Haiti (obln) 50 Centimes	1975

B73-867M:

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

Anaconda Brass 1962-1963 Trivar #

RECEIPT AND DELIVERY OF BULLION

55, 18, 27

U. S. GOVERNMENT PRINTING OFFICE 474812

Received DATE 1973		Melt DRAFTS #	% DESCRIPTION	GROSS WEIGHT OUNCES	% Cu	% Zinc DEC.	RECEIVED % Nickel	% Iron	% Lead OUNCES	DEC.	DELIVERED Guage OUNCES	1ST DEC.
			Copper									
8/29		Cuts	B73-867M - 1	55.18	17.79	26.82	0.13	0.06	0.01		0.055-.057	90
	25	Coin	= Del #1 8/30/73	54.82	17.85	26.97	0.12	0.05	0.01		5.9429/Avg	
	25	✓	✓ #2 8/31/73	55.48	17.57	26.75	0.12	0.05	0.01		5.9539/Avg	
8/30		Blanks	= 60 = Not Assayed									
8/31		Cuts	B73-867M - 2	56.40	17.21	26.16	0.10	0.03	0.01		0.056-.058	92
9/18	25	Coin	= Del #1 = T-2	55.88	17.63	26.34	0.08	0.03	-0.01		5.9324 g/Avg Wt	
		Coin										
9/5 ①	64	Blanks	42 = Part = Not Assayed									
9/20		Cuts	B73-867M- 3	55.80	17.57	26.33	0.22	0.04	-0.01		0.056-0.058	92
9/25	25	Coin	Del #1 = T-3	55.86	17.45	26.44	0.14	0.02	-0.01		5.9587 g/Avg	
9/26	25	Coin	Del #2 T-3	55.71	17.57	26.56	0.14	0.02	-0.01		5.9519 g/Avg	
9/24	54	Blanks	Not Assayed									
9/21		Cuts	B73-867M - 4	55.70	17.98	26.07	0.19	0.03	-0.01		0.056-0.058	92
9/27	25	Coin	Del #1 T-3	55.56	17.62	26.67	0.11	0.02	-0.01		5.9628 g/Avg	
		Coin										
9/26	261	Blanks	Not Assayed									
9/27		Cuts	B73-867m- 5	55.29	18.08	26.46	0.11	0.03	-0.01		0.055-0.057	91
9/28	25	Coin	Del #1 = T4	55.74	17.55	26.54	0.12	0.02	-0.01		5.9586 g/Avg	
10/1	162	Blanks	Not Assayed									
9/28		Cuts	B73 867m - 6	55.66	17.93	26.23	0.14	0.02	-0.01		0.055-0.058	92
10/1	25	Coin	Del #1 = T4	56.22	17.31	26.31	0.11	0.02	-0.01		5.9g 0.985	0.065
10/2	25		#2 = T5	55.75	17.49	26.62	0.11	0.02	-0.01		5.9g 0.985	0.066
10/3	25	Coin	Del #3 = T6	55.64	17.61	26.57	0.14	0.03	-0.01		5.9g 0.985	0.066
10/3	180	Blanks	Not Assayed									

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RECEIPT AND DELIVERY OF BULLION

Retained DATE 1973		DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
10/4	Rdp	Cuts	B73-867M - 7	55.58	26.23	0.15	-0.01	0.058	92
10/4	25	Coins	Del #1 = T7	55.54	26.64	0.13	-0.01	6.0g 0.986	0.066
		Coins							
10/4	234	Blanks	Not Assayed						
10/3		Cuts	B73-867M - 8	55.68	26.23	0.20	-0.01	.055-.058	90
10/5	10/9	Coins	Del #1 = T8	55.59	26.54	0.14	0.01	5.9g 0.986	0.066
10/9	10/10	Coins	" #2 = T9	55.93	26.41	0.09	0.02	6.0g 0.986	0.066
10/10	10/11	Coins	" #3 = T10	55.62	26.27	0.11	0.03	6.0g 0.986	0.066
10/9	261	Blanks	Not Assayed						
10/5	10/9	Cuts	B73-867M - 9	55.29	26.31	0.19	0.02	.055-.058	91
10/11	10/15	Coins	Del #1 = T11	55.54	26.29	0.24	0.03	6.0g 0.985	0.066
		Coins							
10/10	234	Blanks	Not assayed						
10/10	10/16	Cuts	B73-867M - 10	55.41	26.16	0.25	0.03	-0.01 .057-.058	91
10/12	10/16	Coins	Del #1 T-12	55.50	26.12	0.23	0.01	-0.01 6.0g 0.985	0.065
10/15	10/17	Coins	Del " 2 T-13	55.37	26.51	0.15	0.03	-0.01 6.0g 0.985	0.066
10/16	10/18	Coins	Del " 3 T-14	55.23	26.49	0.23	0.03	-0.01 6.0g 0.985	0.065
10/17	10/19	Coins	Del " 4 T-15	55.28	26.18	0.22	0.02	-0.01 5.9g 0.985	0.066
10/17	270	Blanks	Not assayed						
10/16	10/18	Cuts	B73-867M - 11	55.36	26.39	0.27	0.03	-0.01 .056-.058	90
10/18	10/19	Coins	Del #1 T-16	55.61	26.11	0.23	0.02	-0.01 6.9g 0.984	0.065
10/19	10/24	Coins	Del " 2 T-17	55.70	25.84	0.26	0.03	-0.01 5.9g 0.984	0.065
10/18	225	Blanks	Not Assayed						
10/19	10/24	Cuts	B73-867M - 12	55.69	25.88	0.20	0.03	-0.01 .055-.058	90
10/23	10/30	Coins	Del #1 T-18	55.64	26.24	0.21	0.03	-0.01 5.9g 0.985	0.065
10/23		Blanks	Not Assayed						

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474612

Received DATE 1973	Rep.	DRAFTS	DESCRIPTION	GROSS WEIGHT OUNCES	% Ni	% Zn DEC.	RECEIVED % Mn OUNCES	% Fe	% Pb DEC.	DELIVERED Gwt OUNCES	1ST DEC.
10/19	10/24	Cents	B73-867M -13	55,74	18.01	25.96	0.24	0.03	-0.01	0.055-0.058	90
10/24	10/30	Coin	Del #1 T-19	55,48	18.01	26.09	0.23	0.03	-0.01	5.9g	0.985 0.065
10/25	10/30	Coin	Del #2 T-20	55,42	18.26	25,94	0.24	0.02	-0.01	6.0g	0.985 0.066
10/26	10/30	Coin	Del #3 T-21	55,38	18.05	26.19	0.24	0.02	-0.01	5.9g	0.985 0.065
10/26		Blanks	Not run								
10/25	10/30	Cents	B73-867M -14	55.75	17.73	26.16	0.25	0.02	-0.01	0.055-0.058	90
10/29	11/2	Coin	Del #1 T-22	55,84	18,13	25,74	0.23	0.03	-0.01	6.0g	0.985 0.066
10/30	11/2	Coin	Del #2 T-23	55,57	18.21	25,95	0.22	0.03	-0.01	6.0g	0.986 0.065
10/31	11/2	Coin	Del #3 T-24	55,69	18.05	25,87	0.27	0.03	-0.01	5.9g	0.986 0.066
10/31		Blanks	not run								
10-30	11/2	Cents	B73-867M -15	55.66	18.15	25,82	0.32	0.03	-0.01	.054-.058	91
11-1	11/7	Coins	Del #1 T-25	55.60	18.11	25.98	0.27	0.01	-0.01	5.9g	0.985 0.065
11-2	11/7	Coins	Del #2 T-26	55,57	18.00	26.15	0.24	0.01	-0.01	6.0g	0.985 0.064
11-5	11/7	Coins	Del #3 T-27	55,48	17.96	26.31	0.20	0.02	-0.01	5.9g	0.985 0.066
11-2		Blanks	not run								
11-5	11/7	Cent	B73-867M -16	55,52	17.99	26.13	0.32	0.02	-0.01	0.055-0.058	90.0
11-6	11/7	Coins	Del #1 T-28	55,54	18.11	26.00	0.30	0.02	-0.01	6.0g	0.985 0.066
11-7	11/12	Coins	Del #2 T-29	55,57	17.97	26.00	0.34	0.02	-0.01	5.9g	0.985 0.065
11-7		Blanks	not Run								
11-6	11/12	Cent	B73-867M -17	55,67	17.91	25.97	0.30	0.02	-0.01	.054-.058	92
11-8	11/12	Coins	Del #1 T-30	55,72	17.95	26.02	0.27	0.01	-0.01	5.9g	0.985 0.065
11-9	11/15	Coins	Del #2 T-31	55,74	17.96	26.05	0.21	0.02	-0.01	5.9g	0.984 0.065
11-12	11/15	Coins	Del #3 T-32	55.86	17.90	25.94	0.23	0.01	-0.01	6.0g	0.984 0.065
11-9		Blanks	not Run								
11-14	11/20	Cent	B73-867M -18	55.76	17.95	25.99	0.25	0.02	-0.01	0.055-0.058	88
11-16	11/20	Coin	Del #1 T-33	56.05	17.86	25.72	0.32	0.02	-0.01	5.9g	0.985 0.065
11-19	11/20	Coin	Del #2 T-34	55,86	17,96	25,89	0.26	0.01	-0.01	6.0g	0.986 0.066

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT			RECEIVED			DELIVERED		
			OUNCES		DEC.	OUNCES		DEC.	OUNCES		DEC.
1973											
11/19	11/26	B73-867M-19.	55.87	17.81	26.08	0.18	0.03	-0.01	.056-.057		90.0
11/20	11/26	Del #1	55.65	17.64	26.51	0.17	0.03	-0.01	6.0g	0.985	0.065
11/21	11/26	Del #2	56.01	18.02	25.69	0.22	0.03	-0.01	5.9g	0.985	0.065
11/25	11/28	Del #3	55.84	17.81	26.09	0.19	0.03	-0.01	6.0g	0.985	0.065
11/21	132										
11/26	11/30	B73-867M-20	56.03	18.09	25.70	0.15	0.02	-0.01	0.054-0.057		92
11/29	11/30	Del #1	55.87	17.89	25.99	0.17	0.03	-0.01	5.9g	0.985	0.065
11/29	11/30	Del #2	56.27	17.62	25.85	0.21	0.03	-0.01	5.9g	0.985	0.065
11/28	174										
11/28	12/3	B73-867M-21	55.96	17.96	25.79	0.23	0.03	-0.01	0.056-0.058		
11/29	12/3	Del #1	56.00	17.94	25.76	0.24	0.03	-0.01	6.0g	0.985	0.065
11/30	12/4	Del #2	56.10	17.92	25.71	0.21	0.03	-0.01	6.0g	0.985	0.066
12/3	12/6	Del #3	56.02	17.75	25.85	0.35	0.01	-0.01	6.0g	0.985	0.066
11/30	272										
12/3	12/6	B73-867M-22	55.63	18.11	25.94	0.28	0.01	-0.01	0.055-0.057		
12/6	12/10	Del #1	55.62	18.23	25.92	0.18	0.02	-0.01	5.9g	0.985	0.066
12/4	126										
12/10	12/12	B73-867M-23	56.08	18.11	25.40	0.36	0.02	-0.01	0.055-0.058		91
12/11	12/12	Del #1	56.10	17.81	25.66	0.39	0.02	-0.01	6.0g	0.985	0.066
12/12	12/14	Del #2	55.72	17.92	25.91	0.40	0.02	-0.01	6.0g	0.986	0.066
12/12											
12/12	12/14	B73-867M-24	55.46	18.54	25.63	0.32	0.02	-0.01	0.056-0.059		91
12/14	12/19	Del #1	55.64	18.26	25.70	0.35	0.03	-0.01	6.0g	0.985	0.066
12/14	12/19	Del #2	55.45	18.23	25.98	0.28	0.03	-0.01	6.0g	0.985	0.066
12/17	12/19	Del #3	55.69	17.95	25.98	0.32	0.03	-0.01	6.0g	0.984	0.066
12/13	306										
12/18	12/19	Del #4	55.56	18.16	25.88	0.33	0.04	-0.01	6.0g	0.985	0.066

Form 1183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474612

DATE 1974		DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Fine	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Fine	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
12/28/73	1/4	Cust	B73-867m - 25	55.77	18.10	25.77	0.31	0.02	-0.01	0.055-0.058	91
1/2/74	1/4	Coin	Del #1 T-50	55.78	17.99	25.89	0.28	0.02	-0.01	5.9 g	0.985 0.065
1/3/74	279	Blanks	Not Received								
1/4/74	1/11	Cust	B73-867m - 26	55.82	17.98	25.66	0.43	0.02	-0.01	0.055-0.058	92
1/4/74	1/11	Coin	Del #1 T-51	55.90	18.03	25.56	0.45	0.03	-0.01	6.0 g	0.985 0.066
1/8/74	1/11	Coin	Del #2 T-52	56.06	18.08	25.47	0.32	0.03	-0.01	6.0 g	0.985 0.066
1/7/74	168	Blanks	Not Received								
1/4/74	1/11	Cust	B73-867m - 27	56.09	18.18	25.37	0.31	0.02	-0.01	0.056-0.058	92
1/9/74	1/14	Coin	Del #1 T-53	55.85	17.97	25.81	0.33	0.03	-0.01	6.0 g	0.984 0.065
1/10/74	1/14	Coin	Del #2 T-54	55.89	18.00	25.67	0.37	0.04	-0.01	6.0 g	0.985 0.065
1/8/74	270	Blanks	Del #3 T-55 Not Received	56.90	18.07	25.64	0.31	0.05	-0.01	6.0 g	0.985 0.065
1/7/74	1/11	Cust	B73-867m - 28	55.82	18.19	25.65	0.29	0.02	-0.01	0.056-0.058	90
1/14/74	1/17	Coin	Del #1 T-56	55.68	18.13	25.73	0.39	0.04	-0.01	6.0 g	0.985 0.065
1/15/74	1/17	Coin	Del #2 T-57	55.99	17.97	25.59	0.39	0.03	-0.01	6.1 g	0.985 0.066
1/10/74	243	Blanks	Not Received								
1/21/74	1/25	Cust	B73-867m - 29	55.58	18.28	25.78	0.31	0.03	-0.01	0.055-0.058	92
1/23/74	1/25	Coin	Del #1 T-58	55.82	18.13	25.56	0.41	0.06	0.01	5.9 g	0.985 0.065
1/25/74	1/28	Coin	Del #2 T-59	55.50	18.29	25.81	0.29	0.04	0.01	6.0 g	0.984 0.066
1/24/74	128	Blanks	Del #3 T-60 Not Received	55.95	18.22	25.43	0.31	0.07	-0.01	6.0	0.985 0.065
1/31/74	2/11	Cust	B73-867m - 30	55.79	18.39	25.35	0.38	0.07	0.01	0.055-0.059	90½
2/6/74	2/11	Coin	Del #1 T-61	55.97	18.18	25.4	0.34	0.08	-0.01	6.0 g	0.984 0.066
2/5/74	192	Blanks	Not Received								
2/4/74	2/11	Cust	B73-867m - 31	55.94	18.02	25.41	0.35	0.09	0.01	0.055-0.058	91
2/6/74	2/11	Coin	Del #1 T-62	55.70	18.02	25.87	0.32	0.06	0.01	6.0 g	0.984 0.065
2/8/74	2/15	Coin	Del #2 T-63	55.56	18.01	25.97	0.38	0.06	0.01	6.0 g	0.985 0.066
2/7/74	174	Blanks	Not Received								
2/8/74	2/15	Cust	B73-867m - 32	55.71	18.23	25.69	0.29	0.09	0.01	0.055-0.057	92
2/11/74	2/15	Coin	Del #1 T-64	55.85	18.24	25.47	0.34	0.09	0.01	6.0 g	0.984 0.065
2/11/74	288	Blanks	Not Received								

RECEIPT AND DELIVERY OF BULLION

DATE 1974		DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	Fine	Dec.	RECEIVED Ounces	Fine	Dec.	DELIVERED Ounces	Fine	Dec.
2/8/74	2/14	Cut	B73-867m -33	55.11	18.38	26.12	0.25	0.12	0.01	.056	.1058	92
2/12/74	2/15	Coin	Del #1 T-65	55.87	18.35	25.37	0.30	0.07	0.01	6.0g	0.986	0.066
2/15	2/22	coin	Del #2 T-67	55.13	18.21	26.27	0.29	0.08	0.01	6.0g	0.985	0.066
2/19	192											
2/8/74	2/14	Cut	B73-867m -34	54.94	18.62	26.06	0.29	0.07	0.01	0.055	-0.058	92
2/14/74	2/22		Del #1 T-68	55.72	18.40	25.48	0.32	0.06	0.01	6.0g	0.984	0.066
2/13	174											
2/15	2/25		B73-867m -35	54.92	18.42	26.33	0.24	0.07	0.01	0.056	-0.059	89
2/20	2/27	Coin	Del #2 T-69	54.97	18.20	26.52	0.25	0.04	0.01	6.0g	0.987	0.066
2/19	2/27		Del #1	55.24	18.35	25.96	0.30	0.07	0.01	6.0g	0.985	0.066
2/21	2/25	Coin	~~Del #3~~ T-70	55.24	18.22	26.18	0.28	0.05	0.01	6.0g	0.984	0.066
2/21	168	BL	not assayed									
2/20	2/25	Cut	B73-867m -36	56.05	18.33	25.26	0.26	0.08	0.01	0.055	-0.057	90
2/22	3/1	Coin	~~B73-867m~~ Del #1 T-71	55.56	18.35	25.68	0.28	0.07	0.01	6.0g	0.985	0.066
2/26	3/1		Del #2 T-72	55.51	18.14	25.97	0.27	0.09	0.01	6.0g	0.984	0.065
2/26	216		not assayed									
2/26	3/1		Del #3 T-73	55.95	18.22	25.46	0.27	0.07	0.01	6.1g	0.985	0.066
2/27	3/4	Cut	B73-867m -37	55.21	18.85	25.57	0.26	0.08	-0.01	0.055	-0.057	91
2/28	3/6	Coin	Del #1 T-74	55.67	18.45	25.46	0.27	0.12	0.01	6.0g	0.985	0.065
3/4	3/6		Del #2 T-75	55.12	18.22	26.28	0.26	0.10	0.01	6.0g	0.985	0.066
3/5	3/11		Del #3 T-76	55.67	18.28	25.72	0.22	0.08	0.01	6.0g	0.986	0.066
3/6	3/11		Del #4 T-77	56.00	18.31	25.34	0.26	0.07	0.01	6.0g	0.985	0.065
2/27	3/6		B73-867m -38	54.79	18.45	26.36	0.28	0.09	0.01	0.055	-0.059	
3/7	3/14		Del #5 T-78(2)	55.45	18.41	25.88	0.16	0.08	0.01	6.0g	0.984	0.065
3/8	3/14		Del #6 T-79 (2)	55.24	18.33	26.17	0.15	0.08	0.01	5.9g	0.984	0.065
3/11	3/14		Del #7 T-80 (2)	55.39	18.16	26.06	0.28	0.09	-0.01	6.0g	0.985	0.065
3/12	3/19		Del #1	55.145	18.14	26.01	0.31	0.07	-0.01	6.1g	0.985	0.067
2/27/74	3/7											
3/5	3/8	Cut	B73-867m -39	55.46	18.14	26.06	0.26	0.06	-0.01	.055	0.059	90
3/13	3/19		Del #2 T-81	55.42	18.24	25.99	0.27	0.05	0.01	6.1g	0.985	0.067
3/15	3/19		Del #3 T-82	55.28	18.20	26.12	0.21	0.06	-0.01	5.9g	0.985	0.065
4-2	4/4		Del #1 T-83	55.69	18.25	25.69	0.21	0.08	0.01	6.0g	0.985	0.066
4-3	4/4		Del #2 T-84	54.90	18.38	26.32	0.18	0.09	0.01	5.9g	0.984	0.065
4 4	4/8		Del #3 T-85	55.60	17.97	26.22	0.19	0.10	0.01	6.0g	0.986	0.065
3/22	14 199											

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 4745-12

DATE 1974		DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	GROSS WEIGHT Dec.	RECEIVED Ounces	RECEIVED Dec.	DELIVERED Ounces	DELIVERED Dec.
3/1/74	3/12	Cert	B73-867m -40	55.19	18.08 26.51	0.13	0.06 -0.01	0.056	0.059 90
3/18/74	3/22	Coin	Del #1 T-84	55.22	18.44 25.94	0.26	0.07 -0.01	6.0 g	0.985 0.065
3/19/74	3/22	Coin	Del #2 T-85	55.35	18.11 26.06	0.30	0.07 -0.01	6.0 g	0.985 0.066
3/27/74	3/22	Coin	Del #3 T-86	55.78	18.24 25.60	0.27	0.08 -0.01	6.0 g	0.985 0.066
3/13/74	262	Bl							
3/11/74	3/19	Cert	B73-867m -41	55.81	18.01 25.84	0.26	0.05 -0.01	0.055	0.059 91
3/21/74	3/26	Coin	Del #1 T-87	55.32	18.18 26.09	0.23	0.06 0.01	6.0 g	0.984 0.066
3/24/74	3/26	Coin	Del #2 T-88	55.28	18.23 26.19	0.22	0.07 -0.01	5.9 g	0.985 0.065
3/25/74	3/27	Coin	Del #3 T-89	55.31	18.19 26.13	0.28	0.07 -0.01	5.9 g	0.986 0.065
3/19/74	168	Bl							
3/11/74	3/19	Cert	B73-867m -42	55.14	18.24 26.30	0.22	0.03 -0.01	0.055	0.060 90
3/26/74	3/27	Coin	Del #1 T-90	55.25	18.17 26.37	0.23	0.06 -0.01	6.0 g	0.985 0.065
3/27/74	3/29	Coin	Del #2 T-91	55.28	18.27 26.06	0.29	0.08 -0.01	6.0 g	0.985 0.066
3/28/74	3/29	Coin	Del #3 T-92	55.15	18.48 25.97	0.30	0.08 -0.01	6.1 g	0.986 0.066
9-3-74	174	Bl							
3/19/74	3/22	Cert	B73-867m -43	55.12	18.33 26.14	0.33	0.05 0.01	0.055	0.059 91
3/29/74	4/2	Coin	Del #1 T-93	55.66	18.31 25.60	0.34	0.07 -0.01	6.1 g	0.986 0.067
4/26/74	4/29	Coin	Del #2 T-111	55.72	18.34 25.59	0.24	0.08 0.01	6.0 g	0.986 0.066
4/29/74	5/2	Coin	Del #3 T-112	55.71	18.18 25.75	0.20	0.04 0.01	6.0 g	0.985 0.066
3/19/74	3/22	Cert	B73 867m -44	55.67	18.24 25.69	0.23	0.07 -0.01	0.055	0.058 91
4-9-74	4/12	Coin	Del #1 T-99	55.74	17.95 25.79	0.33	0.12 0.01	6.1 g	0.986 0.067
4-10-74	4/12	Coin	Del #2 T-100	55.67	18.24 25.62	0.34	0.12 0.01	5.9 g	0.983 0.066
3/24/74	192	Bl							
3/27/74	3/29	Cert	B73-867m -45	55.43	18.16 25.88	0.31	0.09 -0.01	0.055	0.058 92
4-5-74	4/10	Coin	Del #1 T-97	55.83	17.76 25.97	0.27	0.10 -0.01	6.0 g	0.986 0.066
4-8-74	4/11	Coin	Del #2 T-98	55.89	18.00 25.79	0.32	0.08 0.01	6.0 g	0.986 0.066
~~4-9-74~~			Del #3 T-99						
4-5-74	192	130							

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT			RECEIVED			DELIVERED		
			#1 Ounces	#10 Dec.	#10 Dec.	Ounces	Fe	Dec.	Ounces	Fineness	1ST Dec.
3/24/74	4/4	Cust	B73-867m -46	55.99	17.97	25.75	0.18	0.09	0.01	0.055-0.059	90
4/1/74	4/9	Coin	Del #1 T-101	55.84	18.13	25.88	0.33	0.12	0.01	6.1g	0.986 0.066
4/5/74	4/9	Coin	Del #2 T-102	55.52	18.18	25.85	0.31	0.12	0.01	6.0g	0.986 0.066
4/5/74	4/9	Coin	Del #3 T-103	55.29	18.32	25.91	0.31	0.12	0.01	6.1g	0.987 0.067
4/9/74	4/9	Blank	Not Received								
4/3/74	4/4	Cust	B73-867m - 47	55.83	18.05	25.69	0.30	0.05	0.01	.056-0.063	91
4/6/74	4/22	Coin	Del #1 T-104	55.48	18.24	25.91	0.26	0.09	0.01	6.0g	0.985 0.066
4/7/74	4/22	Coin	Del #2 T-105	55.28	18.27	26.07	0.26	0.09	0.01	6.1g	0.986 0.066
4/7/74	4/22	Coin	Del #3 T-106	55.37	18.35	25.91	0.26	0.09	0.01	6.1g	0.986 0.066
4/10/74	4/22	Coin	Del #4 T-107	55.88	17.22	25.49	0.30	0.08	0.01	6.0g	0.983 0.061
4/11/74	234	Blank	Not Received								
4/4/74	4/10	Cust	B73-867m -48	55.71	18.10	25.75	0.34	0.08	0.01	.055-0.059	90
4/24/74	4/25	Coin	Del #1 T-108	55.88	18.11	25.50	0.29	0.09	0.01	6.0g	0.987 0.066
4/23/74	4/25	Coin	Del #2 T-109	55.51	18.05	26.03	0.27	0.08	0.01	6.0g	0.986 0.066
4/24/74	4/27	Coin	Del #2 T-110	55.84	17.87	25.75	0.20	0.10	0.01	6.0g	0.985 0.066
5/6/74	198	Blank	Not Received								
4/8/74	4/4	Cust	B13-867m - 49	55.57	18.13	25.62	0.31	0.08	0.01	0.053-0.058	92
5/2/74	5/6	Coin	Del #1 T-113	55.71	18.13	25.50	0.35	0.09	0.01	6.1g	0.985 0.066
5/3/74	5/6	Coin	Del #2 T-114	55.45	18.21	25.85	0.25	0.02	-0.01	6.0g	0.984 0.066
5/6/74	201	Blank	Not Received								
4/29/74	5/10	Cust	B73-867m - 50	55.33	18.34	25.90	0.22	0.06	0.01	0.057-0.059	91
5/6/74	5/10	Coin	Del #1 T-115	55.45	18.35	25.53	0.23	0.07	-0.01	6.1g	0.985 0.067
5/7/74	198	Blank	Not Received								

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474612

DATE 1974	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~Ounces~~	Dec.	~~Ounces~~	Dec.	~~Ounces~~	Dec.
4/29/74	5/2	Cut B73-867m - 51	55.69	18.31	25.71	0.24	0.03 0.01	0.056-0.059 91
5/10/74	5/13	Coin Del #1 T-114	55.29	18.16	26.12	0.31	0.11 0.01	6.0g 0.989 0.066
5/13/74	5/15	Coin Del #2 T-120	55.67	18.21	25.81	0.25	0.05 -0.01	6.1g 0.985 0.067
5/9/74	140	Blank Not Accepted						
4/30/74	5/2	Cut B73 867m - 52	55.54	18.27	25.72	0.19	0.04 0.01	0.056-0.059 90
5/1/74	5/10	Coin Del #1 T-116	55.63	18.35	25.72	0.24	0.04 -0.01	6.0g 0.986 0.065
5/8/74	5/10	Coin Del #2 T-117	55.58	18.11	25.82	0.22	0.04 0.01	6.0g 0.985 0.066
5/9/74	5/14	Coin Del #3 T-118	55.23	18.38	25.78	0.37	0.09 -0.01	6.1g 0.985 0.067
5/3/74	192	Bl Delivered						
5/7/74	5/10	Cut B73-867m - 53	55.75	18.08	25.60	0.24	0.06 0.01	0.055-0.059 90
5/14/74	5/20	Coin Del #1 T-121	55.78	18.16	25.71	0.28	0.05 -0.01	6.1g 0.986 0.067
5/15/74	5/20	Coin Del #2 T-122	55.30	18.29	25.69	0.31	0.04 0.01	6.0g 0.985 0.065
5/16/74	5/20	Coin Del #3 T-123	55.94	17.94	25.56	0.33	0.05 -0.01	6.1g 0.984 0.066
5/17/74	5/20	Coin Del #4 T-124	55.56	18.23	25.69	0.29	0.06 -0.01	6.1g 0.986 0.068
5/20/74	5/23	Del #5	55.75	18.02	25.72	0.31	0.08 0.01	6.1g 0.984 0.067
5/14/74	128	Bl Delivered						
5/16/74	5/17	Cut B73-867m - 54	54.70	18.38	26.37	0.31	0.07 -0.01	0.054-0.060 91
5/21/74	5/23	Coin Del #1 T-126	55.29	18.10	25.85	0.23	0.08 0.01	6.1g 0.986 0.066
5/23/74	5/28	Coin Del #2 T-127	55.55	18.19	25.72	0.21	0.11 -0.01	6.0 0.985 0.065
5/23/74	204	Blank Not Accepted						
5/24/74	5/24	Cut B73-867m - 55	55.45	18.29	25.91	0.25	0.08 -0.01	0.055-0.058 92
5/28/74	6/4	Coin Del #1 T-128	55.47	18.07	25.81	0.25	0.05 0.01	6.0g 0.984 0.066

RECEIPT AND DELIVERY OF BULLION

DATE 1974		DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	Fine	Dec.	RECEIVED Ounces	Fine	Dec.	DELIVERED Ounces	Fine	Dec.
5/24/74	5/28	Cut	B73-867m -56	55,82	18,32	25.91	0.22	0.10	-0.01	0.055-0.058		90
5/29/74	6/4	Com	Del #1 T-129	55,16	18.35	26.06	0.26	0.07	0.01	6.0	0.985	0.067
5/30/74	6/4	Com	Del #2 T-130	55.11	18.18	25.94	0.26	0.05	0.01	6.1	0.984	0.067
6/3/74	6/12	Com	Del #3 T-131	55.17	18.42	25.94	0.23	0.04	0.01	6.1	0.985	0.067
6/4/74	6/12	Com	Del #4 T-132	55,08	18.46	26.09	0.27	0.07	0.01	6.0	0.986	0.066
5/30/74	128	Bl	Not Assayed									
5/29/74	6/4	Cut	B73-867m 57	54,69	18.71	26.23	0.27	0.07	0.01	0.056-0.060		91
6/6/74	6/12	Com	Del #1 T-133	54.73	18.82	26.08	0.28	0.07	-0.01	6.0	0.986	0.066
6/7/74	6/12	Com	Del #2 T-134	55.16	18.14	26.16	0.28	0.05	-0.01	6.1	0.986	0.066
5/31/74	6/14	Cut	B73-867m-58	54,94	18.62	26.10	0.22	0.04	0.01	0.055-0.058		91
6/12/74	6/14	Com	Del #1 T-135	55.55	18.22	25.91	0.23	0.08	-0.01	6.1	0.985	0.067
6/13/74	6/14	Com	Del #2 T-136	55.06	18.42	26.19	0.21	0.10	0.01	6.0	0.986	0.067
6/17/74	6/20	Com	Del #3 T-137	55.58	18.20	25.78	0.28	0.08	-0.01	6.1	0.984	0.067
6/19/74	6/20	Com	Del #4 T-138	55.78	18.13	25.70	0.28	0.09	-0.01	6.1	0.985	0.066
6/14/74	164	Bl	Not Assayed	54.60								
6/20/74	6/24	Com	Del #5 T-139	54,60	18,62	26.38	0.26	0.12	0.01	6.0	0.985	0.065
6/24/74	6/24	Com	Del #6 T-140	55,32	18,13	26.16	0.27	0.09	-0.01	5.9	0.984	0.065

End Taiwan

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

Haiti 50 Centimes

RECEIPT AND DELIVERY OF BULLION

U.S. GOVERNMENT PRINTING OFFICE 474818

DATE 1975	DRAFTS	DESCRIPTION	GROSS WEIGHT Ounces	% Cu	% Ni	% Dec. Au	RECEIVED Ounces	% Ag	% Dec. Pd	DELIVERED Ounces	Dec.
3-18-75	Tm75-1048-1	Haiti 50 Centime	70.60	11.97	17.46	0.20	0.03	-0.01	0.067-0.068	88
	-2	"	70.25	.97	.33	0.22	.03	-0.01	0.066-0.068	89
	-3	"	69.99	.93	.46	0.27	.03	-0.01	0.069	88
3-28-75	Tm75-1050-1	Revere-Liberia 2/00	74.76	24.80					0.058 0.059	87
4-7-75	Tm75-1050-1	Revere-Liberia 5 ¢	74.21	25.25					0.058 0.059	87
4-7-75	Tm75-1050-1	Revere-Liberia 50 ¢	74.32	25.03					0.061 0.062	88
4-16-75	Tm75-1050-1	Revere-Liberia 25 ¢	74.31	25.42					0.049 0.050	87
4-17-75	Tm75-1050-1	Revere-Liberia 10 ¢	74.72	24.91					0.035 0.037	87½
4-22-75	Tm75-1051-1	Am. Liberia 1 ¢	94.93	Hi = 95.07		Lo = 94.78			0.046 0.047	88

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474512

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

RECEIPT AND DELIVERY OF BULLION

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.
	-							

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 4745-12

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			OUNCES	DEC.	OUNCES	DEC.	OUNCES	DEC.

ASSAYER'S REPORT

FOR _____

Material _____

Date _____ 19 ____

No.	Fineness				No.	Fineness			
	Gold		Silver			Gold		Silver	

_____

Assayer

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

285

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474512

DATE 1975	MELT DRAFTS #	DESCRIPTION	GROSS WEIGHT % Cu Ounces	GROSS WEIGHT % Cu Dec.	RECEIVED % Ni Ounces	RECEIVED % Ni Dec.	DELIVERED % Zn Ounces	DELIVERED % Zn Dec.
7-9	4	Olin-Philippine 1 Peso	70	16	12	09	17	64
	5	" "		44		11		45
	6	" "	69	64		00	18	34
7-9	7	Olin Philippine 50 Centavos	70	20	11	96	17	83
9 10	8	Olin Philippine 1 Peso	69	88	11	42	18	06

60-40 Brass - Anaconda for Philippines

MRM IND. 1 Peso Philippines

286 German Silver - Phila for Philippines
10 centavo - 50 centavo - 1 Peso

RECEIPT AND DELIVERY OF BULLION

1974

DATE	DRAFTS	DESCRIPTION	GROSS WEIGHT		RECEIVED		DELIVERED	
			~~Ounces~~	Dec.	~~Ounces~~	~~Dec.~~	Ounces	Dec.
9-27-74	Lot #1	10 centavo Strip Phila	69.79		12,29	17.49	0.038 0.039	91
8-20 74	Tm74-88-1	60-40 Brass strip	60.20			39.43	0.041 0.045	88
8-29-74	Tm74-88-2	60-40 Brass Strip	60.47			39.35	0.041 0.046	88
10-11-74	Lot #2	10 centavo Strip Phila	70.47		12 06	16.54	0.038 0.040	90
	#3	" " "	71.18		11 84	16.79	0.039	92
10-11-74	Lot #1	50 centavo Strip Phila	71.21		12.03	16.43	0.064	89
	#2	" " "	70.77		11.82	17.39	0.062 0.064	92
	#3	" " "	71.08		12 05	16.86	✓	91
10-11-74	Tm75-1010-1	1 Peso Blanks MRM	69 93		12 18	17.46	0.072 0.075	89
10-24-74	Tm75-1010-2	1 Peso Blanks MRM	70 76		12 10	17.37	0.074	88
	-3	" " "	35		11 88	.48	0.073 0.074	✓
	-4	" " "	69 57		12 04	18.16	✓	✓
	-5	" " "	76		11 96	.24	0.074 0.075	90
	-6	" " "	39		12 04	.18	0.073 0.074	89
10-30-74	Tm75-1010-7	1 Peso Blanks MRM	70 22		11 65	17.88	0.073 0.075	90
11-1-74	Lot #4	50 centavo Strip Phila	71 59		11 78	16.03	0.063 0.065	91
	#5	" " "	.89		68	.18	0.063 0.064	86
11-14-74	~~Lot #1~~	1 Peso Strip Phila	70,07		12.74	16.92	0.074	91
✓	Lot #2	✓	70,63		12,29	16.94	0.075	90
11-14-74	Tm75-1027-1	1 Peso Blanks Dlr	70 29		11.95	17.32	0.073 0.074	91
✓	-2	" "	70,09		12.19	17.41	0.074 0.075	91½
11-20-74	Tm75-1010-8	MRM Ind. Blanks 1 Peso	69 76		12 19	18.05	0.073 0.075	89
11-20-74	Tm75-1027-3	Dlr Corp. 1 Peso Blanks	69 93		12 10	17.88	0.074 0.075	91
	4	" " "	70 51		00	.46	✓	✓
	5	" " "	67		11 96	.37	0.073 0.075	✓
	6	" " "	14		12 08	.73	0.074 0.076	✓
11-27-74	Tm75-1010-9	MRM Ind. 1 Peso Bl.	70 39		12 23	17.38	0.074 0.075	89
12-4-74	Tm75-1010-10	MRM IND 1 Peso Bl	70 07		11 71	17.96	0.074 0.076	89
6-11-75	Tm75-1054-1	Dlr 50 Centavo Philippine	70 29		11 89	17.46	0.063	90
6-23-75	Tm75-1054-2	Dlr 50 centavo Philippine	70 02		11 80	17.82	0.063 0.064	85
✓	-3	" " "	.36		.87	.49	✓	90

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474612

DATE 1971	Melt DRAFTS #	DESCRIPTION	GROSS WEIGHT Copper OUNCES	GROSS WEIGHT Copper DEC.	RECEIVED Nickel OUNCES	RECEIVED Nickel DEC.	DELIVERED Zinc OUNCES	DELIVERED Zinc DEC.
12/8	1861		70	60	11	84	17	46
	66			47		87		40
	1873			61		89		50
	75			59		93		48
	1880			59		91		50
	87		69	85	12	04		70
	89		70	06		04		64
	1894			13		00		75
	99			12		13		46
	1908			30	11	98		72
	13			22		99		78
	1916		69	88	12	29		64
12/9	1917		70	18	12	07	17	75
	1922		69	56		10		88
	28		70	13		00		70
	1931		69	82		19		94
	36			76		17		94
	1942		70	18		07		75
	46			26		20		37
	49			22		14		63
	1954		70	47	11	95	17	34

Philippine Ingots - 7756

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt No. DRAFTS	DESCRIPTION	~~GROSS WEIGHT~~ Ounces	~~Dec.~~	~~RECEIVED~~ Ounces	~~Dec.~~	~~DELIVERED~~ Ounces	~~Dec.~~
Oct 12	1718		70 13		12 06		17 81	
	1721		69 70		06		18 24	
	26		66		11 93		12	
	1732		98		12 00		17 88	
	33		78		12		18 10	
	38		23		07		25	
	1744		70 53		11 84		17 52	
	47		69 82		12 13		82	
	1752		70 42		11 77		81	
	57		19		12 07		64	
Oct 13	1761		69 98		12 07		17 70	
	65		70 20		06		74	
	1772		32		11 99		69	
	75		19		12 06		75	
	79		15		05		80	
	1786		07		11 93		76	
	89		69 82		12 00		94	
	1794		70 66		11 53		81	
	99		25		12 12		63	
	1804		38		11 87		40	
	08		26		81		58	
	1813		70 01		12 10		17 88	
Oct 14	1817		69 75		11 84		18 41	
	21		44		81		25	
	27		70 05		84		11	
	29		01		87		16	
	1831		69 53		81		25	
	35		87		85		28	
	1841		70 10		84		60	
	46		69 94		75		31	
	1855		72		81		60	
	1860		70 11		79		10	

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

Philippine 7756

289

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474512

DATE 1971	Melt DRAFTS No	DESCRIPTION	GROSS WEIGHT RECEIVED % Ounces	Dec.	% Ounces	Dec.	% DELIVERED Ounces	Dec.
Aug 2	1588		70 13		11 65		17 88	
	1594		19		56		88	
	99		69 98		98		18 04	
	1601		70 44		87		17 64	
	06		01		72		18 18	
	1611		16		72		06	
	15		65		77		17 57	
	19		69 88		12 07		18 00	
	1623		70 50		17 93		17 57	
Aug 5	1629		70 76		11 42		17 58	
	1630		29		69		76	
	35		69 82		72		18 00	
	39		70 56		84		17 58	
	1645		69 92		12 20		52	
	1651		70 19		11 97		70	
Aug 12	1653		70 26		12 04		17 64	
	54		69 66		07		18 18	
Aug 27	1655		70 80		11 90		17 17	
Aug 30	1656		70 29		11 93		17 78	
Oct 8	1657		71 03		11 60		17 37	
	1662		70 82		75		40	
	67		13		90		88	
	1670		09		93		88	
	71		03		12 10		87	
	72		71 49		12 35		16 15	
	74		70 76		11 78		17 40	
	1684		69 44		12 63		52	
	89		70 04		07		88	
	1693		69 88		19		76	
	98		95		19		86	
	1703		88		11 93		76	
Oct 12	1707		69 53		11 97		18 06	
	12		70 07		12 04		17 82	

Philippine Ingots - #7779

RECEIPT AND DELIVERY OF BULLION

DATE 1971	~~DRAFTS~~ Melt No	DESCRIPTION	~~GROSS WEIGHT~~ Of Ounces	Dec.	~~RECEIVED~~ Of Ounces	Dec.	~~DELIVERED~~ Of Ounces	Dec.
July 29	1467		69	98	11	93	17	76
	1472		70	01		87	18	12
	77		69	90		86		24
	1480		70	23		59	17	88
	85			51		38	18	10
	1490			66		36	17	64
	94		69	98		81		92
	95		70	29		61	18	10
	96			04		62		12
	99		70	35	11	75	17	76
	1501			10		88	18	02
	07			44		12		25
	1511			16		62	17	82
	15			23		65	18	12
	1521			69		08		23
July 30	1526		69	88	11	78	18	12
	1531			79		69		06
	36		70	25		69		06
	39			26		75	17	82
	1544			13		62		82
	49			23		62	18	06
	1553			01		78	17	76
	54			21		80		99
	55			07		83	18	10
	56		69	79		78		00
	57		70	19		81	17	76
	58		69	92		81	18	00
	59		70	32		81	17	64
	1563			29	12	41		27
	69			47		38		73
	1573			53	11	69		40
	77			76	12	20		00
	1583			53		22		25

Form 1188
TREASURY DEPARTMENT
U. S. MINT SERVICE

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RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 874032

DATE	DRAFT #	DESCRIPTION	GROSS WEIGHT Au Ounces	Dec.	RECEIVED Ag Ounces	Dec.	DELIVERED Ag Ounces	Dec.
1971	760							
July 26	1355		70	49	11	85	17	56
	1340			43	12	03		44
	45		71	12	11	16		62
July 27	1348		70	32	12	13	17	46
	1353		69	56		06	18	00
	58			84	11	99		17
	1362		70	38		47	17	76
	67		71	34	10	51	18	00
	1372			22		69		09
	76		69	82	11	90		25
	77		70	10		84		00
	78			14		84		00
	79		69	96		80		24
	1380		70	99		62	17	27
	84			76		75		46
	1390			38		75		76
	94		71	05		62		33
	98		70	95		71		33
	1404			22		75		26
July 28	1409		69	95	11	84	18	18
	1414			91		97		12
	19			72	12	10		18
	1422			72		00		06
	27		70	13		07	17	70
	1432			46	11	23	18	31
	36		69	94		83		23
	37			85		81		25
	38		70	07		84	17	76
	1442			26		75		82
	48			01		90		94
	1452			04		81		82
	56			50		62		88
	1462			01		62	18	06

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt ~~DRAFTS~~ No	DESCRIPTION	GROSS WEIGHT ~~RECEIVED~~ ~~DELIVERED~~ Ounces	Dec.	RECEIVED Ounces	Dec.	DELIVERED Ounces	Dec.
July 22	1199		70 13		11 45		18 44	
	1200		74		16		10	
	01		38		52		10	
	08		35		23		42	
	09		69 98		39		63	
	1210		69		87		37	
	11		70 23		50		12	
	16		44		56		00	
	1225		27		62		11	
	1231		10		56		12	
	37		10		50		12	
July 23	1239		70 07		12 04		17 76	
	1244		41		11 18		18 25	
	49		69 88		87		00	
	1253		70 29		42		17 94	
	58		13		50		18 37	
	1265		13		87		00	
	67		69 79		86		35	
	68		95		95		10	
	69		69		78		12	
	1274		85		67		47	
	79		75		62		44	
	1283		82		65		50	
	89		82		72		31	
	1295		59		87		31	
July 26	1297		70 09		12 51		17 30	
	1302		69 61		11 97		18 32	
	07		87		98		05	
	1311		70 16		83		17 91	
	16		15		12 31		44	
	1321		56		11 88		46	
	26		61		12 52		16 77	
	1331		71 15		11 62		17 13	

Form 1183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474512

DATE 1971	~~DRAFTS~~ Melt Nos.	DESCRIPTION	GROSS WEIGHT % Copper Ounces	Dec.	RECEIVED % Nickel Ounces	Dec.	DELIVERED % Zinc Ounces	Dec.
July 19	1053		69	38	12	00	18	18
	58		70	19	11	50		00
	1063		69	88		54		56
	68		70	17		85	17	98
July 20	1072		70	01	11	93	18	00
	75		69	92		98		10
	1082			76		89		35
	86			85		90		00
	89			88		87	17	88
	1096			56		87	18	25
	98			66		97		12
	1103			74		91		35
	08			20	12	50		00
	1112			69	11	81		50
	17			53		81		25
	1122			38	12	20		25
July 21	1125		69	79	11	78	18	12
	1130		71	55	10	61	17	70
	35			20		97		64
	39		69	32	11	81	18	63
		Cut	71	60	11	32	16	63
	1142		72	15		49	1	45
	44		71	63	10	61	17	76
	49			26	11	01		73
	1153		69	86		91	18	23
	58			95		62		25
	1163		70	19		62		12
	68		71	28	10	97	17	46
	1172		70	12	11	67	18	21
	77			13		45		12
July 22	1180		70	66	11	48	17	85
	85			00		60	18	40
	1190			56		09	17	88
	94			79		39		76

RECEIPT AND DELIVERY OF BULLION

DATE	Melt DRAFTS No.	DESCRIPTION	GROSS WEIGHT lb Ounces Copper	Dec.	RECEIVED lb Ounces Nickel	Dec.	DELIVERED lb Ounces Zinc	Dec.
1971								
July 16	905		70 38		11 87		17 40	
	909		32		56		64	
	913		53		81		64	
	919		69 17		90		18 50	
	924		44		12 00		12	
	929		92		11 75		31	
	933		70 19		11 84		17 88	
	938		32		75		82	
	943		02		70		18 28	
	947		01		62		31	
	952		69 88		75		25	
	957		72		81		37	
	961		13		12 44		25	
	967		56		13		31	
	973		75		11 53		37	
	975		75		81		37	
	980		63		56		37	
	985		69 77		11 53		18 66	
	989		69 86		11 84		18 30	
	993		70 50		10 51		95	
	998		69 84		11 92		24	
	1003		50		12 00		31	
July 19	1006		69 32		12 41		18 25	
	1011		72		11 87		00	
	17		70 49		54		17 97	
	1020		69 59		81		18 44	
	22		88		62		00	
	25		74		12 26		00	
	27		70 16		11 53		12	
	1034		69 66		11 59		18 56	
	39		70 01		62		31	
	1044		69 63		12 23		17 94	
	48		41		11 93		18 64	

Form 183
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

U. S. GOVERNMENT PRINTING OFFICE 474612

DATE	Melt DRAFTS No.	DESCRIPTION	GROSS WEIGHT % Copper Ounces	Dec.	RECEIVED % Nickel Ounces	Dec.	DELIVERED % Zinc Ounces	Dec.
1971								
July 14	749		70 69		11 75		17 52	
	754		32		21		18 25	
	759		69 62		89		49	
	763		82		45		56	
	768		70 16		72		18 00	
	773		69 92		56		50	
July 15	778		70 38		11 65		17 94	
	783		69 44		69		18 37	
	788		88		79		33	
	792		95		75		17 88	
	797		88		81		18 25	
	801		80		84		34	
	806		35		69		63	
	811		85		62		44	
	816		70 07		81		12	
	820		69 69		75		25	
	825		70 50		47		17 58	
	830		69 95		93		18 12	
	834		80		85		35	
	839		75		87		37	
	844		44		78		37	
	848		85		87		25	
	854		92		85		23	
	860		69		84		12	
	867	Cut	69 59		11 59		18 82	
	872		69 85		11 78		18 37	
	876		79		39		37	
	881		85		36		56	
	886		70 01		39		37	
	890		69 89		81		30	
July 16	891		70 01		11 81		17 82	
	895		42		71		89	
	899		56		69		64	

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt ~~DRAFTS~~ No	DESCRIPTION	~~GROSS WEIGHT~~ % Copper Ounces	Dec.	~~RECEIVED~~ % Melt Ounces	Dec.	DELIVERED % Fine Ounces	Dec.
July 13	606		70 50		11 75		17 40	
	607		54		89		57	
	608		69 95		78		88	
	613		99		91		18 09	
	618		70 03		92		05	
	622		69 69		69		37	
	627		89		75		36	
	634		70 24		67		09	
	636		26		75		17 82	
	641		26		39		18 00	
	646		04		12 00		17 52	
	650		32		11 93		52	
	655		69 78		72		18 50	
	660		70 76		03		00	
July 14	663		68 75		11 87		18 88	
	667		69 72		87		37	
	673		82		81		18	
	677		70 10		86		04	
	681		69 50		87		25	
	687		82		87		12	
	691		70 09		80		11	
	696		69 92		81		25	
	701		75		93		12	
	705		95		12 10		17 94	
	710		32		11 75		18 44	
	715		70 07		93		17 70	
	719		69 92		81		82	
	720		70 50		12 07		40	
	721		69 90		11 80		18 30	
	726		44		81		31	
	732		82		69		25	
	735		70 06		69		25	
	747		08		70		22	

Form 153
TREASURY DEPARTMENT
U. S. MINT SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt ~~DRAFTS~~ No.	DESCRIPTION	GROSS WEIGHT — Fo Copper — Ounces	Dec.	RECEIVED — Fo Nickel — Ounces	Dec.	DELIVERED — Fo Zinc — Ounces	Dec.
July 12	459		69	56	11	75	18	25
	463			88		78		12
	468			63	12	07		50
	473		70	07	11	93	17	52
	477	Remelt	69.63		11.93		18.00	
	482		70	56	11	90	17	52
	487		69	88	12	00	18	12
	491		70	13	11	93	17	76.
	492			07		81		88
	493			16		59		94
	494			49		81		70
	499		69	88		72	18	00
	504		70	01		72		12
	508			23		72	17	88
	514			07		62	18	12
	520		69	92		59		12
	526		70	41		49		10
	532		69	75		69		37
	536		70	07		75	17	70
	541		69	88		47	18	25
	546			47		84		31
July 13	550		69	38	11	69	18	50
	556			75	12	00		25
	561			82		00		18
	564			50	11	50		63
	570			82		78		00
	574			75	12	07		00
	578		70	01	11	56	17	94
	583		69	92		69		94
	588			95	12	26		70
	592		70	56		07		27
	597			80	11	45		70
	602		69	63	12	00		94

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt ~~DRAFTS~~ No.	DESCRIPTION	~~GROSS WEIGHT~~ % COPPER	~~OUNCES~~	~~DEC.~~	~~RECEIVED~~ % NICKEL	~~OUNCES~~	~~DEC.~~	DELIVERED % ZINC	~~OUNCES~~	~~DEC.~~
July 8	301		69	81		11	73		18	46	
	308			85			42			44	
	313			56			78			44	
	318			85			69			37	
	322			82			72			25	
July 9	323		70	16		11	84		17	88	
	328		69	32			75		18	50	
	333		70	44			62		17	76	
	337		69	88			72			94	
	342			56			78		18	63	
	347			53			69			44	
	351		70	25			99		17	75	
	356			01		12	10			88	
	361			01		11	93			88	
	365		69	67			92		18	41	
	372			88			84		17	94	
	376			73			90		18	37	
	379			32			87			37	
	384			95			39			50	
	389		70	01		12	53		17	40	
	395			51		11	74			75	
	401			43			93			64	
	407		69	44			87		18	25	
	412		70	15			61			24	
	417		69	32		12	20			37	
	421			26		11	81			50	
	426		70	41		10	68			63	
	431		69	79		11	45			50	
July 12	435		69	82		11	81		17	88	
	440			35			93		18	37	
	445			69			81			37	
	449		70	46			90		17	64	
	455			19			93			88	

Form 183
TREASURY DEPARTMENT
U. S. MINT, SERVICE

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt ~~DRAFTS~~ No.	DESCRIPTION	GROSS WEIGHT % Ounces Copper	Dec.	RECEIVED % Ounces Nickel	Dec.	DELIVERED % Ounces Zinc	Dec.
July 7	147		70 65		11 79		17 55	
	152		69 90		80		18 30	
	157		82		75		17 94	
	161		70 27		86		87	
	166		68 81		12 41		18 37	
	171		70 13		11 21		37	
	175		52		49		17 99	
	180		21		92		87	
	187		07		75		18 12	
	189		51		62		17 87	
	193		69 63		87		18 37	
	199		69		93		06	
	203		70 07		75		17 76	
	207		69 50		65		18 37	
	213		68		12 07		25	
July 8	217		70 21		11 92		17 87	
	222		21		55		18 24	
	227		73		41		17 86	
	231		01		62		18 12	
	236		16		62		00	
	241		04		12 00		17 70	
	245		69 56		11 97		18 00	
	250		72		97		25	
	255		69		93		25	
	259		93		91		15	
	264		79		84		12	
	269		88		87		25	
	273		80		84		36	
	275		70 62		75		17 63	
	283		69 88		99		64	
	287		88		87		18 06	
	292		70 73		67		17 60	
	299		69 92		12 32		76	

Fiscal 1972
Philippine Sh Ag. # 7779

RECEIPT AND DELIVERY OF BULLION

DATE 1971	Melt DRAFTS No.	DESCRIPTION	GROSS WEIGHT Fine Ounces Copper	Dec.	RECEIVED Fine Ounces Nickel	Dec.	DELIVERED Fine Ounces Zinc	Dec.
July 6	1		70 76		11 29		17 76	
	6		53		36		18 00	
	11		69		47		17 76	
	13		28		80		92	
	17		69 92		84		18 00	
	23		70 79		23		17 97	
	25		28		74		98	
	30		68 78		12 13		18 69	
	31		70 56		11 46		17 98	
	36		12		79		18 09	
	42		69 53		87		18	
	46		95		81		00	
	49		50		82		18	
	54		70 32		59		17 94	
	59		69 70		12 06		18 24	
	63		92		11 69		00	
	68		70 23		65		12	
	73		63		74		17 63	
	77		10		74		18 16	
	82		76		55		17 68	
	87		69 82		62		18 56	
	91		72		75		25	
	95		70 26		50		17 76	
	101		05		34		18 60	
July 7	105		70 13		11 75		18 12	
	110		96		10 31		93	
	115		10		11 75		06	
	119		23		62		17 88	
	124		69 79		72		18 18	
	129		92		97		00	
	133		70 26		75		17 88	
	138		69 75		69		18 50	
	143		70 27		74		17 99	

Pg 300 – 290 Philippine German Silver "7779

Pg 289 – Philippine German Silver "7756

Pg 286 Philippine German Silver "8265, 8266, 8267, 8268

Pg 286 Philippine 60-40 Brass "